

图书馆学科服务专题

学科热点与研究前沿

海洋科学



浙江工业大学图书馆
ZHEJIANG UNIVERSITY OF TECHNOLOGY LIBRARY

2014年11月



前言

该专题的宗旨是为教学科研提供学科热点和前沿情报等学术资讯，由浙江工业大学图书馆信息咨询部整理编制。数据来源为我校购买的各类数字资源，通过分析整理，编写了人文社会科学领域相关的最新热点论文、最新研究前沿等信息，以期开展科学研究、申报课题基金项目等学术活动提供帮助。

本期为**海洋科学**专辑，整理了如下几个研究领域的学术资讯：

从汤森路透（Thomson Reuters）公司的 Web of Science 和 ESI 两个数据库中摘选了有关**海洋化学与化工、食品科学与工程**两个领域的研究前沿资讯。

本专题所列内容涉及的有关图示说明：

4 Citations: 17

HOT PAPER **RESEARCH FRONT** **WEB OF SCIENCE**

Title: UPDATE 1 OF: SYNTHESIS AND FUNCTIONALIZATION OF INDOLES THROUGH PALLADIUM-CATALYZED REACTIONS

Authors: [CACCHI S; FABRIZI G](#)

Source: [CHEM REV](#)

111: PR215-PR283 2011

Addresses: [Univ Rome, Dipartimento Chim & Technol Farmaco, Ple A Moro 5, I-00185 Rome, Italy](#)

[Univ Rome, Dipartimento Chim & Technol Farmaco, I-00185 Rome, Italy](#)

热点论文（HOT PAPER）是由汤森路透每两个月根据引文数量统计的 22 个学科的热点论文。这些论文是最近两年内发表且被引频次在最近两个月内的排名达到各学科领域的前 0.1%。由 标记代表该论文为热点论文，点击图标 链接可跳转至该热点论文的详细页面（链接有效期为 2 个月）。

研究前沿（RESEARCH FRONT）包含一组高被引论文，这些论文是在其发表年份和领域按被引次数都位于前 1% 的论文。点击图标 链接可跳转至该研究前沿的说明页面（链接有效期为 2 个月）。

WEB OF SCIENCE: 由 标记代表该论文为被 Web of Science 收录。点击链接可直接跳转至该论文被 Web of Science 收录的详细记录页面。



本期数据来源于 ESI 基本科学指标数据库 (Essential Science Indicators)。

ESI 基本科学指标数据库 (Essential Science Indicators) 是汤森路透在汇集和分析 Web of Science® (SCIE/SSCI) 所收录的学术文献及其所引用的参考文献的基础上建立起来的分析型数据库。ESI 提供十年滚动数据, 每两个月更新一次, 最近一次更新为 2014 年 11 月 6 日 (本期 ESI 数据涉及两个时间跨度: 2014 年 1 月 1 日至 2014 年 8 月 31 日)。

各位老师如需要本期推荐的论文全文, 可通过“图书馆主页-读者服务-文献传递”方式获取。本专题通讯有纸质与电子版两种形式, 电子版中每个论文题录都有链接可直接访问该文被 Web of Science 收录的详细信息, 如有老师需要, 可通过邮件联系获取电子版:

info@zjut.edu.cn。

如果您对内容设置编排等有好的意见和建议, 欢迎与我们联系。

图书馆



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2014 年 SCI 收录海洋学期刊目录与海洋工程期刊目录



海洋化学与化工学科

1 膜材料研究前沿

		研究前沿	论文数	被引频次	篇均被引次数	平均年
1	 	HIGH PERMEABILITY POLYMERIC MEMBRANE MATERIALS; POLYMER NANOSIEVE MEMBRANES; CO2 SEPARATIONS; CO2-CAPTURE APPLICATIONS	2	200	100.00	2011.5

1 Citations: 138 

RESEARCH FRONT

WEB OF SCIENCE


Title: POLYMER NANOSIEVE MEMBRANES FOR CO2-CAPTURE APPLICATIONS

Authors: DU NY; PARK HB; ROBERTSON GP; DAL-CIN MM; VISSER T; SCOLES L; GUIVER MD

Source: [NAT MATER](#)
10 (5): 372-375 MAY 2011

Addresses: Natl Res Council Canada, Inst Chem Proc & Environm Technol, Ottawa, ON K1A 0R6, Canada.
Hanyang Univ, WCU Dept Energy Engr, Seoul 133791, South Korea.
Vaperma, St Romuald, PQ G6W 5M6, Canada.

Field: [MATERIALS SCIENCE](#)

2 Citations: 62 

RESEARCH FRONT

WEB OF SCIENCE

Title: ADVANCES IN HIGH PERMEABILITY POLYMERIC MEMBRANE MATERIALS FOR CO2 SEPARATIONS

Authors: DU NY; PARK HB; DAL-CIN MM; GUIVER MD

Source: [ENERGY ENVIRON SCI](#)
5 (6): 7306-7322 JUN 2012

Addresses: Natl Res Council Canada, Inst Chem Proc & Environm Technol, Ottawa, ON K1A 0R6, Canada.
Hanyang Univ, WCU Dept Energy Engr, Seoul 133791, South Korea.

Field: [ENVIRONMENT/ECOLOGY](#)



2 膜分离高被引论文

1 Citations: 9

WEB OF SCIENCE

Title: FRACTIONATION OF ALPHA-LACTALBUMIN AND BETA-LACTOGLOBULIN FROM WHEY PROTEIN ISOLATE USING SELECTIVE THERMAL AGGREGATION, AN OPTIMIZED **MEMBRANE SEPARATION**PROCEDURE AND RESOLUBILIZATION TECHNIQUES AT PILOT PLANT SCALE

Authors: TORO-SIERRA J; TOLKACH A; KULOZIK U

Source: [FOOD BIOPROCESS TECHNOL](#) 6 (4): 1032-1043 APR 2013

Addresses: Tech Univ Munich, Chair Food Proc Engn & Dairy Technol, D-85354 Freising Weihenstephan, Germany.
Bayer Milchind eG, D-84034 Landshut, Germany.

Field: [AGRICULTURAL SCIENCES](#)

3 膜技术高被引论文

1 Citations: 169

WEB OF SCIENCE

Title: BIOPROCESS **MEMBRANE TECHNOLOGY**

Authors: VAN REIS R; ZYDNEY A

Source: [J MEMBRANE SCI](#) 297 (1-2): 16-50 JUL 5 2007

Addresses: Genentech Inc, San Francisco, CA 94080 USA.

Field: [CHEMISTRY](#)

2 Citations: 107

RESEARCH FRONT

WEB OF SCIENCE

Title: HYDROGEN PRODUCTION THROUGH SORPTION-ENHANCED STEAM METHANE REFORMING AND **MEMBRANE TECHNOLOGY**: A REVIEW

Authors: BARELLI L; BIDINI G; GALLORINI F; SERVILI S

Source: [ENERGY](#) 33 (4): 554-570 APR 2008

Addresses: Univ Perugia, Dept Ind Engn, I-06125 Perugia, Italy.

Field: [ENGINEERING](#)



4 流体的研究前沿与热点论文

流体研究前沿

	研究前沿	论文数	被引频次	篇均被引次数	平均年
1	HEREDITARY PANCREATIC CANCER; FAMILIAL PANCREATIC CANCER; PANCREATIC CYST FLUID DNA ANALYSIS; COLORECTAL CANCER AIMED; COLORECTAL CANCER	20	1,341	67.05	2011.7
2	FLUID RESPONSIVENESS; INTRAOPERATIVE GOAL-DIRECTED FLUID THERAPY; INTRAOPERATIVE FLUID OPTIMIZATION; PERIOPERATIVE FLUID MANAGEMENT STRATEGIES; CONTINUOUS CARDIAC OUTPUT MONITORS	9	1,118	124.22	2010.3
3	SUPERCRITICAL FLUID EXTRACTION; ULTRASOUND ASSISTED EXTRACTION; ULTRASOUND-ASSISTED EXTRACTION; OPTIMISED ULTRASONIC-ASSISTED EXTRACTION; OPTIMIZED ULTRASONIC-ASSISTED EXTRACTION	17	1,083	63.71	2010.2
4	PERFUSABLE ENGINEERED THREE-DIMENSIONAL TISSUES; PERFUSABLE 3D MICROVASCULAR NETWORKS; FLUID FORCES CONTROL ENDOTHELIAL	13	1,058	81.38	2012.0



	SPROUTING; 3D CELL CULTURE; THREE-DIMENSIONAL MICROFLUIDIC MODEL				
5	PEDESTRIAN WIND ENVIRONMENT; COMPUTATIONAL FLUID DYNAMICS; BUILDING PERFORMANCE SIMULATION; COUPLED URBAN WIND FLOW; PEDESTRIAN WIND COMFORT	9	524	58.22	2010.2
6	AUTOSOMAL DOMINANT ALZHEIMERS DISEASE; DOMINANTLY INHERITED ALZHEIMERS DISEASE; FLUID BIOMARKER ANALYSIS; BIOMARKER CHANGES; PRESENILIN 1 E280A KINDRED	2	352	176.00	2012.0
7	CARDIOVASCULAR MORTALITY; HEMODIALYSIS PATIENTS; FLUID MANAGEMENT GUIDED; RAPID FLUID REMOVAL; CARDIOVASCULAR PARAMETERS	4	331	82.75	2010.5
8	CEREBROSPINAL FLUID BIOMARKERS; HUMAN CEREBROSPINAL FLUID; CEREBROSPINAL FLUID; PARKINSON DISEASE DIAGNOSIS; PARKINSONS DISEASE	3	314	104.67	2010.7
9	A2B ADENOSINE RECEPTOR SIGNALING; ACUTE LUNG INJURY; ALVEOLAR FLUID CLEARANCE; ISCHEMIC	2	285	142.50	2008.0



	PRECONDITIONING; HYPOXIA-INDUCIBLE FACTOR-1				
10	EARLY FLUID RESUSCITATION; FLUID BOLUS; EXCESS MORTALITY; MORTALITY; AFRICAN CHILDREN	2	205	102.50	2012.0
11	KB-502 CO2 INJECTION WELL; CO2 INJECTION; DEEP UNDERGROUND INJECTION; GROUND DEFORMATIONS; COUPLED FLUID FLOW	5	190	38.00	2011.4
12	OPTIMAL HOMOTOPY ASYMPTOTIC METHOD APPLIED; OPTIMAL HOMOTOPY ASYMPTOTIC METHOD; FOURTH-GRADE FLUID PAST; SOLVING NONLINEAR EQUATIONS; HEAT TRANSFER	2	148	74.00	2008.5
13	SEVERE SEPSIS; SEPSIS; ALBUMIN; PATIENTS; RESUSCITATION FLUID	2	142	71.00	2011.0
14	SIMPLE YIELD STRESS FLUID BEHAVIOR; SOFT GLASSY FLOWS; SPATIAL COOPERATIVITY; EXISTENCE	2	136	68.00	2010.5
15	ALZHEIMERS DISEASE; CELL-FREE CEREBROSPINAL FLUID; STRESS-INDUCIBLE COGNITIVE DEFICITS; DIFFERENTIAL EXPRESSION; ACETYLCHOLINESTERASE TARGET	3	46	15.33	2013.3
16	CO2-RICH FLUID SYSTEMS;	2	30	15.00	2013.0



NORTH CHINA CRATON; FLUID INCLUSION; CHINA; QIANECHONG GIANT PORPHYRY MO DEPOSIT				
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流体热点论文 8 篇

1 Citations: 207

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: HYDROXYETHYL STARCH OR SALINE FOR **FLUID** RESUSCITATION IN INTENSIVE CARE

Authors: MYBURGH JA; FINFER S; BELLOMO R; BILLOT L; CASS A; GATTAS D; GLASS P; LIPMAN J; LIU B; MCARTHUR C; MCGUINNESS S; RAJBHANDARI D; TAYLOR CB; WEBB SAR

Source: [N ENGL J MED](#) 367 (20): 1901-1911 NOV 15 2012

Addresses: George Inst Global Hlth, Div Crit Care & Trauma, Sydney, NSW 2000, Australia.
Univ New S Wales, Sydney, NSW, Australia.
St George Hosp, Sydney, NSW, Australia.
Univ Sydney, Sydney, NSW 2006, Australia.
Royal N Shore Hosp, Sydney, NSW, Australia.
Royal Prince Alfred Hosp, Sydney, NSW, Australia.
Univ Melbourne, Melbourne, Vic, Australia.
Austin Hosp, Melbourne, Vic 3084, Australia.
Univ Queensland, Brisbane, Qld, Australia.
Royal Brisbane & Womens Hosp, Brisbane, Qld, Australia.
Univ Western Australia, Perth, WA 6009, Australia.
Royal Perth Hosp, Perth, WA, Australia.
Auckland City Hosp, Auckland, New Zealand.

Field: [CLINICAL MEDICINE](#)

2 Citations: 89

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: ASSOCIATION BETWEEN A CHLORIDE-LIBERAL VS CHLORIDE-RESTRICTIVE INTRAVENOUS **FLUID** ADMINISTRATION STRATEGY AND KIDNEY INJURY IN CRITICALLY ILL ADULTS

Authors: YUNOS NM; BELLOMO R; HEGARTY C; STORY D; HO L; BAILEY M

Source: [JAMA-J AM MED ASSN](#) 308 (15): 1566-1572 OCT 17 2012

Addresses: Austin Hosp, Dept Intens Care, Melbourne, Vic 3084, Australia.



Austin Hosp, Dept Lab Med, Melbourne, Vic 3084, Australia.
Austin Hosp, Dept Anaesthesia, Melbourne, Vic 3084, Australia.
Austin Hosp, Dept Pharm, Melbourne, Vic 3084, Australia.
Monash Univ, Dept Epidemiol & Prevent Med, Australia & New
Zealand Intens Care Res Ctr, Melbourne, Vic 3004, Australia.

Field: [CLINICAL MEDICINE](#)

3 **Citations:** 29

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: EFFECTS OF **FLUID** RESUSCITATION WITH COLLOIDS VS CRYSTALLOIDS ON MORTALITY IN CRITICALLY ILL PATIENTS PRESENTING WITH HYPOVOLEMIC SHOCK THE CRISTAL RANDOMIZED TRIAL

Authors: ANNANE D; SIAMI S; JABER S; MARTIN C; ELATROUS S; DECLERE AD; PREISER JC; OUTIN H; TROCHE G; CHARPENTIER C; TROUILLET JL; KIMMOUN A; FORCEVILLE X; DARMON M; LESUR O; REGNIER J; ABROUG F; BERGER P; CLECH C; COUSSON J; THIBAULT L; CHEVRET S

Source: [JAMA-J AM MED ASSN](#) 310 (17): 1809-1817 NOV 6 2013

Addresses: Hop Raymond Poincare, Garches, France.
CH Etampes, Etampes, France.
CHU Montpellier, Montpellier, France.
AP HM Hop Nord, Marseille, France.
EPS Taher Sfar Mahdia, Mahdia, Tunisia.
Antoine Beclere, Clamart, France.
CHU Liege, Liege, Belgium.
CHI Poissy St Germain, Poissy, France.
CH Andre Mignot, Versailles, France.
Hop Cent, Nancy, France.
Pitie Salpetriere, Paris, France.
Hop Brabois, Nancy, France.
CH Meaux, Meaux, France.
Hop St Louis, Paris, France.
CH Sherbrooke, Sherbrooke, PQ, Canada.
CH Roche Sur Yon, Roche Sur Yon, France.
CHU Monastir, Monastir, Tunisia.
CH Chalons Champagne, Champagne, France.
Hop Avicenne, F-93009 Bobigny, France.
CHU Reims, Reims, France.

Field: [CLINICAL MEDICINE](#)

4 **Citations:** 23

HOT PAPER

WEB OF SCIENCE



Title: ISOGEOMETRIC **FLUID**-STRUCTURE INTERACTION ANALYSIS WITH EMPHASIS ON NON-MATCHING DISCRETIZATIONS, AND WITH APPLICATION TO WIND TURBINES

Authors: BAZILEVS Y; HSU MC; SCOTT MA

Source: [COMPUT METHOD APPL MECH ENG](#) 249: 28-41 SP. ISS. SI DEC 1 2012

Addresses: Univ Calif San Diego, Dept Struct Engn, La Jolla, CA 92093 USA.
Univ Texas Austin, Inst Computat Engn & Sci, Austin, TX 78712 USA.

Field: [COMPUTER SCIENCE](#)

5 Citations: 12

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: ELEVATED CEREBROSPINAL **FLUID** AND BLOOD CONCENTRATIONS OF OXYTOCIN FOLLOWING ITS INTRANASAL ADMINISTRATION IN HUMANS

Authors: STRIEPENS N; KENDRICK KM; HANKING V; LANDGRAF R; WULLNER U; MAIER W; HURLEMANN R

Source: [SCI REP](#) 3: - DEC 6 2013

Addresses: Univ Bonn, Dept Psychiat, D-53105 Bonn, Germany.
Univ Bonn, Div Med Psychol, D-53105 Bonn, Germany.
Univ Bonn, Dept Neurol, D-53105 Bonn, Germany.
UESTC, Key Lab Neuroinformat, Sch Life Sci & Technol, Chengdu 610054, Peoples R China.
Max Planck Inst Psychiat, D-80804 Munich, Germany.
German Ctr Neurodegenerat Dis DZNE, D-53175 Bonn, Germany.

Field: [NEUROSCIENCE & BEHAVIOR](#)

6 Citations: 7

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: CHALLENGES AND DIRECTIONS IN COMPUTATIONAL **FLUID**-STRUCTURE INTERACTION

Authors: BAZILEVS Y; TAKIZAWA K; TEZDUYAR TE

Source: [MATH MODEL METHOD APPL SCI](#) 23 (2): - SP. ISS. SI FEB 2013

Addresses: Univ Calif San Diego, Dept Struct Engn, La Jolla, CA 92037 USA.
Waseda Univ, Dept Modern Mech Engn, Shinjuku Ku, Tokyo 1698050, Japan.
Waseda Univ, Waseda Inst Adv Study, Shinjuku Ku, Tokyo 1698050, Japan.
Rice Univ, Houston, TX 77005 USA.

Field: [MATHEMATICS](#)

7 Citations: 4 

HOT PAPER 

WEB OF SCIENCE


Title: EFFECT OF BETA-CASEIN ON SURFACE ACTIVITY OF QUILLAJA BARK SAPONIN AT **FLUID/FLUID** INTERFACES


Authors: WOJCIECHOWSKI K; KEZWON A; LEWANDOWSKA J; MARCINKOWSKI K

Source: [FOOD HYDROCOLLOID](#) 34 (1): 208-216 JAN 2014

Addresses: Warsaw Univ Technol, Fac Chem, Dept Microbioanalyt, Warsaw, Poland.

Field: [AGRICULTURAL SCIENCES](#)

8 Citations: 3 

HOT PAPER 

WEB OF SCIENCE

Title: CRUSTAL-SCALE **FLUID** FLOW DURING THE TECTONIC EVOLUTION OF THE BIG HORN BASIN (WYOMING, USA)

Authors: BEAUDOIN N; BELLAHSEN N; LACOMBE O; EMMANUEL L; PIRONON J

Source: [BASIN RES](#) 26 (3): 403-435 JUN 2014

Addresses: Univ Paris 06, UMR 7193, ISTEP, F-75005 Paris, France. CNRS, UMR 7193, ISTEP, F-75005 Paris, France. Univ Vandoeuvre Les Nancy, CNRS, CREGU, UMR Geo Resources 7359, F-54506 Vandoeuvre Les Nancy, France.

Field: [GEOSCIENCES](#)

5 水资源的研究前沿与高被引论文

水资源研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
CLIMATE CHANGE PROJECTIONS; GLOBAL CHANGE SCENARIO; MEDITERRANEAN WATER RESOURCES; MEDITERRANEAN REGION; IBERIAN STREAMFLOWS (1945-2005)	3	450	150.00	2010.3

1 Citations: 354 

RESEARCH FRONT

WEB OF SCIENCE

Title: CLIMATE CHANGE PROJECTIONS FOR THE MEDITERRANEAN REGION

Authors: GIORGI F; LIONELLO P

Source: [GLOBAL PLANET CHANGE](#)



63 (2-3): 90-104 SP. ISS. SI SEP 2008

Addresses: Abdus Salam Int Ctr Theoret Phys, Earth Syst Phys Sect, I-34100 Trieste, Italy.
Univ Lecce, I-73100 Lecce, Italy.

Field: [GEOSCIENCES](#)

2 Citations: 72

RESEARCH FRONT

WEB OF SCIENCE

Title: MEDITERRANEAN WATER RESOURCES IN A GLOBAL CHANGE SCENARIO

Authors: GARCIA-RUIZ JM; LOPEZ-MORENO JI; VICENTE-SERRANO SM; LASANTA-MARTINEZ T; BEGUERIA S

Source: [EARTH-SCI REV](#)
105 (3-4): 121-139 APR 2011

Addresses: CSIC, Inst Pirenaico Ecol, E-50080 Zaragoza, Spain.
CSIC, Estn Expt Aula Dei, E-50080 Zaragoza, Spain.

Field: [GEOSCIENCES](#)

3 Citations: 24

RESEARCH FRONT

WEB OF SCIENCE

Title: RECENT TRENDS IN IBERIAN STREAMFLOWS (1945-2005)

Authors: LORENZO-LACRUZ J; VICENTE-SERRANO SM; LOPEZ-MORENO JI; MORAN-TEJEDA E; ZABALZA J

Source: [J HYDROL](#)
414: 463-475 JAN 11 2012

Addresses: CSIC Spanish Res Council, Inst Pirena Ecol, Zaragoza 50080, Spain.

Field: [ENGINEERING](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
AUTO-ADAPTIVE MANY-OBJECTIVE EVOLUTIONARY COMPUTING FRAMEWORK; EVOLUTIONARY MULTIOBJECTIVE OPTIMIZATION; WATER RESOURCES; FUTURE; BORG	2	25	12.50	2013.0

1 Citations: 19

RESEARCH FRONT

WEB OF SCIENCE

Title: EVOLUTIONARY MULTIOBJECTIVE OPTIMIZATION IN WATER RESOURCES: THE PAST, PRESENT, AND FUTURE

Authors: REED PM; HADKA D; HERMAN JD; KASPRZYK



JR; KOLLAT JB

Source: [ADV WATER RESOUR](#)

51: 438-456 JAN 2013

Addresses: Penn State Univ, Dept Civil & Environm Engn, University Pk, PA 16802 USA.

Penn State Univ, Dept Comp Sci & Engn, University Pk, PA 16802 USA.

Field: [ENGINEERING](#)

2 **Citations:** 6

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: BORG: AN AUTO-ADAPTIVE MANY-OBJECTIVE EVOLUTIONARY COMPUTING FRAMEWORK

Authors: HADKA D; REED P

Source: [EVOL COMPUT](#)

21 (2): 231-259 SUM 2013

Addresses: Penn State Univ, Dept Comp Sci & Engn, University Pk, PA 16802 USA.

Penn State Univ, Dept Civil & Environm Engn, University Pk, PA 16802 USA.

Field: [COMPUTER SCIENCE](#)

水资源高被引论文 28 篇

1 **Citations:** 619

WEB OF SCIENCE

Title: SCHISTOSOMIASIS AND WATER RESOURCES DEVELOPMENT: SYSTEMATIC REVIEW, META-ANALYSIS, AND ESTIMATES OF PEOPLE AT RISK

Authors: STEINMANN P; KEISER J; BOS R; TANNER M; UTZINGER J

Source: [LANCET INFECT DIS](#) 6 (7): 411-425 JUL 2006

Addresses: Swiss Trop Inst, Dept Epidemiol & Publ Hlth, CH-4002 Basel, Switzerland.

WHO, Dept Publ Hlth & Environm, CH-1211 Geneva, Switzerland.

Field: [IMMUNOLOGY](#)

2 **Citations:** 264

WEB OF SCIENCE

Title: THE EFFECTS OF CLIMATE CHANGE ON THE HYDROLOGY AND WATER RESOURCES OF THE COLORADO RIVER BASIN



Authors: CHRISTENSEN NS; WOOD AW; VOISIN N; LETTENMAIER DP; PALMER RN
Source: [CLIMATIC CHANGE](#) 62 (1-3): 337-363 JAN-FEB 2004
Addresses: Univ Washington, Dept Civil & Environm Engn, Seattle, WA 98195 USA.
Field: [GEOSCIENCES](#)

3 Citations: 236

WEB OF SCIENCE

Title: CLIMATE CHANGE AND GLOBAL WATER RESOURCES: SRES EMISSIONS AND SOCIO-ECONOMIC SCENARIOS
Authors: ARNELL NW
Source: [GLOBAL ENVIRON CHANGE](#) 14 (1): 31-52 APR 2004
Addresses: Univ Southampton, Sch Geog, Southampton SO17 1BJ, Hants, England.
Field: [SOCIAL SCIENCES, GENERAL](#)

4 Citations: 227

WEB OF SCIENCE

Title: THE IMPACTS OF CLIMATE CHANGE ON WATER RESOURCES AND AGRICULTURE IN CHINA
Authors: PIAO SL; CIAIS P; HUANG Y; SHEN ZH; PENG SS; LI JS; ZHOU LP; LIU HY; MA YC; DING YH; FRIEDLINGSTEIN P; LIU CZ; TAN K; YU YQ; ZHANG TY; FANG JY
Source: [NATURE](#) 467 (7311): 43-51 SEP 2 2010
Addresses: Peking Univ, Minist Educ, Key Lab Earth Surface Proc, Coll Urban & Environm Sci, Dept Geog, Dept Ecol, Beijing 100871, Peoples R China.
Peking Univ, Ctr Climate Res, Beijing 100871, Peoples R China.
UMR CEA CNRS UVSQ, Lab Sci Climat & Environm, F-91191 Gif Sur Yvette, France.
Chinese Acad Sci, Inst Atmospher Phys, State Key Lab Atmospher Boundary Layer Phys & Atm, Beijing 100029, Peoples R China.
Chinese Res Inst Environm Sci, Beijing 100012, Peoples R China.
China Meteorol Adm, Natl Climate Ctr, Lab Climate Studies, Beijing 100081, Peoples R China.
Univ Bristol, Dept Earth Sci, QUEST, Bristol BS8 1RJ, Avon, England.
China Water Informat Ctr, Hydrol Bur, Beijing 100053, Peoples R China.
Field: [GEOSCIENCES](#)



5 Citations: 205

WEB OF SCIENCE

Title: NORTH ATLANTIC OSCILLATION INFLUENCE ON PRECIPITATION, RIVER FLOW AND **WATER RESOURCES** IN THE IBERIAN PENINSULA

Authors: TRIGO RM; POZO-VAZQUEZ D; OSBORN TJ; CASTRO-DIEZ Y; GAMIZ-FORTIS S; ESTEBAN-PARRA MJ

Source: [INT J CLIMATOL](#) 24 (8): 925-944 JUN 30 2004

Addresses: Univ Lisbon, Dept Fis, Fac Ciencias, CGUL, P-1749016 Lisbon, Portugal.
Univ Lusofona, Dept Engn, Lisbon, Portugal.
Univ Jaen, Dept Fis, Jaen, Spain.
Univ E Anglia, Clin Res Unit, Norwich NR4 7TJ, Norfolk, England.
Univ Granada, Dept Fis Aplicada, Granada, Spain.

Field: [GEOSCIENCES](#)

6 Citations: 193

WEB OF SCIENCE

Title: CO-OCCURRENCE OF TRICLOCARBAN AND TRICLOSAN IN US **WATER RESOURCES**

Authors: HALDEN RU; PAULL DH

Source: [ENVIRON SCI TECHNOL](#) 39 (6): 1420-1426 MAR 15 2005

Addresses: Johns Hopkins Univ, Bloomberg Sch Publ Hlth, Dept Environm Hlth Sci, Ctr Water & Hlth, Baltimore, MD 21205 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 144

WEB OF SCIENCE

Title: INTEGRATED **WATER RESOURCES** MANAGEMENT: A REASSESSMENT - A WATER FORUM CONTRIBUTION

Authors: BISWAS AK

Source: [WATER INT](#) 29 (2): 248-256 JUN 2004

Addresses: Third World Ctr Water Management Mexico, Atizapan, Mexico.

Field: [ENGINEERING](#)

8 Citations: 142

WEB OF SCIENCE

Title: FUTURE LONG-TERM CHANGES IN GLOBAL **WATER RESOURCES** DRIVEN BY SOCIO-ECONOMIC AND CLIMATIC CHANGES

Authors: ALCAMO J; FLORKE M; MARKER M

Source: [HYDROLOG SCI J](#) 52 (2): 247-275 APR 2007



Addresses: Univ Kassel, Ctr Environm Syst Res USF, D-34109
Kassel, Germany.

Field: [ENVIRONMENT/ECOLOGY](#)

9 **Citations:** 140

WEB OF SCIENCE

Title: A MULTIMODEL ENSEMBLE APPROACH TO ASSESSMENT OF CLIMATE CHANGE IMPACTS ON THE HYDROLOGY AND **WATER RESOURCES** OF THE COLORADO RIVER BASIN

Authors: CHRISTENSEN NS; LETTENMAIER DP

Source: [HYDROL EARTH SYST SCI](#) 11 (4): 1417-1434 2007

Addresses: Univ Washington, Dept Civil & Environm Engr, Seattle, WA 98195 USA.

Field: [GEOSCIENCES](#)

10 **Citations:** 139

WEB OF SCIENCE

Title: SOCIAL LEARNING AND **WATER RESOURCES** MANAGEMENT

Authors: PAHL-WOSTL C; CRAPS M; DEWULF A; MOSTERT E; TABARA D; TAILLIEU T

Source: [ECOL SOC](#) 12 (2): - DEC 2007

Addresses: Univ Osnabruck, D-4500 Osnabruck, Germany.
Katholieke Univ, Princeton, NJ USA.
Delft Univ Technol, NL-2600 AA Delft, Netherlands.
Autonomous Univ Barcelona, E-08193 Barcelona, Spain.

Field: [SOCIAL SCIENCES, GENERAL](#)

11 **Citations:** 132

WEB OF SCIENCE

Title: GLOBALISATION OF **WATER RESOURCES:** INTERNATIONAL VIRTUAL WATER FLOWS IN RELATION TO CROP TRADE

Authors: HOEKSTRA AY; HUNG PQ

Source: [GLOBAL ENVIRON CHANGE](#) 15 (1): 45-56 APR 2005

Addresses: UNESCO, IHE, Inst Water Educ, NL-2601 DA Delft, Netherlands.

Field: [SOCIAL SCIENCES, GENERAL](#)

12 **Citations:** 119

WEB OF SCIENCE

Title: INPUT DETERMINATION FOR NEURAL NETWORK MODELS IN **WATER RESOURCES** APPLICATIONS. PART 1 - BACKGROUND AND METHODOLOGY

Authors: BOWDEN GJ; DANDY GC; MAIER HR



Source: [J HYDROL](#) 301 (1-4): 75-92 JAN 20 2005
Addresses: Univ Adelaide, Ctr Appl Modelling Water Engn, Sch Civil & Environm Engn, Adelaide, SA 5005, Australia.
Harvard Univ, Div Engn & Appl Sci, Cambridge, MA 02138 USA.
Field: [ENGINEERING](#)

13 Citations: 118

WEB OF SCIENCE

Title: THE WATER FOOTPRINT OF COTTON CONSUMPTION: AN ASSESSMENT OF THE IMPACT OF WORLDWIDE CONSUMPTION OF COTTON PRODUCTS ON THE **WATER RESOURCES** IN THE COTTON PRODUCING COUNTRIES

Authors: CHAPAGAIN AK; HOEKSTRA AY; SAVENIJE HHG; GAUTAM R

Source: [ECOL ECON](#) 60 (1): 186-203 NOV 1 2006

Addresses: Univ Twente, NL-7500 AE Enschede, Netherlands.
UNESCO, IHE, Inst Water Educ, Delft, Netherlands.
Assoc Protect Environm & Culture, Morang, Nepal.

Field: [ECONOMICS & BUSINESS](#)

14 Citations: 99

WEB OF SCIENCE

Title: AN INTERVAL-PARAMETER MULTI-STAGE STOCHASTIC PROGRAMMING MODEL FOR **WATER RESOURCES** MANAGEMENT UNDER UNCERTAINTY

Authors: LI YP; HUANG GH; NIE SL

Source: [ADV WATER RESOUR](#) 29 (5): 776-789 MAY 2006

Addresses: Univ Regina, Fac Engn, Environm Syst Engn Program, Regina, SK S4S 0A2, Canada.
Huazhong Univ Sci & Technol, Sch Mech Sci & Engn, Wuhan 430074, Peoples R China.

Field: [ENGINEERING](#)

15 Citations: 85

WEB OF SCIENCE

Title: REVIEW OF THE SELF-ORGANIZING MAP (SOM) APPROACH IN **WATER RESOURCES**: ANALYSIS, MODELLING AND APPLICATION

Authors: KALTEH AM; HIORTH P; BEMDTSSON R

Source: [ENVIRON MODELL SOFTW](#) 23 (7): 835-845 JUL 2008

Addresses: Lund Univ, Dept Water Resources Engn, S-22100 Lund, Sweden.

Field: [COMPUTER SCIENCE](#)



16 Citations: 85

WEB OF SCIENCE

Title: ASSESSING THE ROBUSTNESS OF ADAPTATION DECISIONS TO CLIMATE CHANGE UNCERTAINTIES: A CASE STUDY ON **WATER RESOURCES** MANAGEMENT IN THE EAST OF ENGLAND

Authors: DESSAI S; HULME M

Source: [GLOBAL ENVIRON CHANGE](#) 17 (1): 59-72 FEB 2007

Addresses: Univ E Anglia, Sch Environm Sci, Norwich NR4 7TJ, Norfolk, England.
Tyndall Ctr Climate Change Res, Norwich, Norfolk, England.

Field: [SOCIAL SCIENCES, GENERAL](#)

17 Citations: 80

WEB OF SCIENCE

Title: INTEGRATED MODELLING OF CLIMATE CHANGE IMPACTS ON **WATER RESOURCES** AND QUALITY IN A LOWLAND CATCHMENT: RIVER KENNET, UK

Authors: WILBY RL; WHITEHEAD PG; WADE AJ; BUTTERFIELD D; DAVIS RJ; WATTS G

Source: [J HYDROL](#) 330 (1-2): 204-220 OCT 30 2006

Addresses: Environm Agcy, Climate Change Unit, Trendsides Off, Nottingham NG2 5FA, England.
Univ Reading, Dept Geog, Reading RG6 2AH, Berks, England.

Field: [ENGINEERING](#)

18 Citations: 72

RESEARCH FRONT

WEB OF SCIENCE

Title: MEDITERRANEAN **WATER RESOURCES** IN A GLOBAL CHANGE SCENARIO

Authors: GARCIA-RUIZ JM; LOPEZ-MORENO JI; VICENTE-SERRANO SM; LASANTA-MARTINEZ T; BEGUERIA S

Source: [EARTH-SCI REV](#) 105 (3-4): 121-139 APR 2011

Addresses: CSIC, Inst Pirenaico Ecol, E-50080 Zaragoza, Spain.
CSIC, Estn Expt Aula Dei, E-50080 Zaragoza, Spain.

Field: [GEOSCIENCES](#)

19 Citations: 67

RESEARCH FRONT

WEB OF SCIENCE

Title: LINKING SCIENCE WITH ENVIRONMENTAL DECISION MAKING: EXPERIENCES FROM AN INTEGRATED MODELING APPROACH TO SUPPORTING SUSTAINABLE **WATER RESOURCES** MANAGEMENT



Authors: LIU YQ; GUPTA H; SPRINGER E; WAGENER T
Source: [ENVIRON MODELL SOFTW](#) 23 (7): 846-858 JUL 2008
Addresses: Univ Arizona, Dept Hydrol & Water Resources, SAHRA,
Tucson, AZ 85721 USA.
Los Alamos Natl Lab, Atmospher Climate & Environm Dynam Grp,
Los Alamos, NM 87545 USA.
Penn State Univ, Dept Civil & Environm Engn, University Pk, PA
16802 USA.

Field: [COMPUTER SCIENCE](#)

20 Citations: 61

WEB OF SCIENCE

Title: THE IMPACT OF CLIMATE CHANGE ON THE **WATER RESOURCES** OF HINDUKUSH-KARAKORUM-HIMALAYA REGION UNDER DIFFERENT GLACIER COVERAGE SCENARIOS

Authors: AKHTAR M; AHMAD N; BOOIJ MJ

Source: [J HYDROL](#) 355 (1-4): 148-163 JUN 20 2008

Addresses: Univ Punjab, Inst Geol, Lahore, Pakistan.
Univ Twente, Dept Water Engn & Management, NL-7500 AE
Enschede, Netherlands.

Field: [ENGINEERING](#)

21 Citations: 48

WEB OF SCIENCE

Title: CLIMATE CHANGE AND MOUNTAIN **WATER RESOURCES**: OVERVIEW AND RECOMMENDATIONS FOR RESEARCH, MANAGEMENT AND POLICY

Authors: VIVIROLI D; ARCHER DR; BUYTAERT W; FOWLER HJ; GREENWOOD GB; HAMLET AF; HUANG Y; KOBOLTSCHNIG G; LITAOR MI; LOPEZ-MORENO JI; LORENTZ S; SCHADLER B; SCHREIER H; SCHWAIGER K; VUILLE M; WOODS R

Source: [HYDROL EARTH SYST SCI](#) 15 (2): 471-504 2011

Addresses: Univ Bern, Inst Geog, CH-3012 Bern, Switzerland.
Univ Bern, Oeschger Ctr Climate Change Res, CH-3012
Bern, Switzerland.
JBA Consulting, Skipton, N Yorkshire, England.
Univ Newcastle, Sch Civil Engn & Geosci, Newcastle Upon Tyne,
Tyne & Wear, England.
Univ London Imperial Coll Sci Technol & Med, London, England.
Univ Bern, Mt Res Initiat, CH-3012 Bern, Switzerland.
Univ Washington, Dept Civil & Environm Engn, Seattle, WA
98195 USA.



Univ Washington, Ctr Sci Earth Syst Climate Impacts Grp,
Seattle, WA 98195 USA.
Changjiang Water Resources Commiss, Bur Hydrol, Wuhan,
Hubei, Peoples R China.
Int Res Soc INTERPRAEVENT, Klagenfurt, Austria.
Prov Govt Carinthia, Dept Water Management,
Klagenfurt, Austria.
Tel Hai Acad Coll, Dept Environm Sci, Tel Hai, Israel.
CSIC, Pyrenean Inst Ecol, Spanish Res Council, Zaragoza, Spain.
Univ KwaZulu Natal, Sch Bioresources Engn & Environm Hydrol,
Pietermaritzburg, South Africa.
Univ British Columbia, Inst Resources Environm & Sustainabil,
Vancouver, BC V5Z 1M9, Canada.
Fed Minist Agr Forestry Environm & Water Maanagem,
Vienna, Austria.
SUNY Albany, Dept Atmospher & Environm Sci, Albany, NY
12222 USA.
Natl Inst Water & Atmospher Res, Christchurch, New Zealand.

Field: [GEOSCIENCES](#)

22 Citations: 47

WEB OF SCIENCE

Title: GAME THEORY AND WATER RESOURCES
Authors: MADANI K
Source: [J HYDROL](#) 381 (3-4): 225-238 FEB 15 2010
Addresses: Univ Calif Riverside, Dept Environm Sci, Water Sci & Policy Ctr,
Riverside, CA 92521 USA.
Field: [ENGINEERING](#)

23 Citations: 31

RESEARCH FRONT

WEB OF SCIENCE

Title: FUZZY VIKOR WITH AN APPLICATION TO WATER
RESOURCES PLANNING
Authors: OPRICOVIC S
Source: [EXPERT SYST APPL](#) 38 (10): 12983-12990 SEP 15 2011
Addresses: Fac Civil Engn, Belgrade 11000, Serbia.
Field: [ENGINEERING](#)

24 Citations: 23

WEB OF SCIENCE

Title: THE MILLENNIUM DROUGHT IN SOUTHEAST AUSTRALIA
(2001-2009): NATURAL AND HUMAN CAUSES AND
IMPLICATIONS FOR WATER RESOURCES, ECOSYSTEMS,
ECONOMY, AND SOCIETY
Authors: VAN DIJK AIJM; BECK HE; CROSBIE RS; DE JEU



Source: RAM; LIU YY; PODGER GM; TIMBAL B; VINEY NR
[WATER RESOUR RES](#) 49 (2): 1040-1057 FEB 2013

Addresses: Australian Natl Univ, Fenner Sch Environm & Soc, Canberra, ACT 0200, Australia.
CSIRO Land & Water, Canberra, ACT, Australia.
Vrije Univ Amsterdam, Fac Earth & Life Sci, Dept Hydrol & Geoenvironm Sci, Amsterdam, Netherlands.
CSIRO Land & Water, Glen Osmond, SA, Australia.
Univ New S Wales, Dept Civil & Environm Engn, Sydney, NSW, Australia.
Ctr Australian Weather & Climate Res, Bur Meteorol, Melbourne, Vic, Australia.

Field: [ENVIRONMENT/ECOLOGY](#)

25 Citations: 19

RESEARCH FRONT

WEB OF SCIENCE

Title: EVOLUTIONARY MULTIOBJECTIVE OPTIMIZATION IN **WATER RESOURCES**: THE PAST, PRESENT, AND FUTURE

Authors: REED PM; HADKA D; HERMAN JD; KASPRZYK JR; KOLLAT JB

Source: [ADV WATER RESOUR](#) 51: 438-456 JAN 2013

Addresses: Penn State Univ, Dept Civil & Environm Engn, University Pk, PA 16802 USA.
Penn State Univ, Dept Comp Sci & Engn, University Pk, PA 16802 USA.

Field: [ENGINEERING](#)

26 Citations: 19

WEB OF SCIENCE

Title: GROUP DECISION MAKING ON **WATER RESOURCES** BASED ON ANALYSIS OF INDIVIDUAL RANKINGS

Authors: MORAIS DC; DE ALMEIDA AT

Source: [OMEGA-INT J MANAGE SCI](#) 40 (1): 42-52 JAN 2012

Addresses: Univ Fed Pernambuco, Dept Engn Management, BR-50630970 Recife, PE, Brazil.

Field: [ECONOMICS & BUSINESS](#)

27 Citations: 13

WEB OF SCIENCE

Title: GLOBAL INSIGHTS INTO **WATER RESOURCES**, CLIMATE CHANGE AND GOVERNANCE

Authors: GRAFTON RQ; PITTOCK J; DAVIS R; WILLIAMS J; FU GB; WARBURTON M; UDALL B; MCKENZIE R; YU



XB; CHE N; CONNELL D; JIANG Q; KOMPAS T; LYNCH A; NORRIS R; POSSINGHAM HP; QUIGGIN J

Source: [NAT CLIM CHANGE](#) 3 (4): 315-321 APR 2013

Addresses: Australian Natl Univ, Crawford Sch, Canberra, ACT 0200, Australia.
CSIRO Land & Water, Floreat Pk, WA 6014, Australia.
Univ KwaZulu Natal, ZA-4041 Berea, South Africa.
Univ Colorado, Natl Ocean & Atmospher Adm, Boulder, CO 80305 USA.
WRP Pty Ltd, ZA-0181 Pretoria, South Africa.
Chinese Acad Sci, Beijing 100864, Peoples R China.
Bur Resources & Energy Econ, Canberra, ACT 2601, Australia.
Brown Univ, Environm Change Initiat, Providence, RI 02912 USA.
Univ Canberra, Canberra, ACT 2601, Australia.
Univ Queensland, St Lucia, Qld 4072, Australia.

Field: [SOCIAL SCIENCES, GENERAL](#)

28 Citations: 5

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: A CRITICAL REVIEW OF THE RISKS TO WATER RESOURCES FROM UNCONVENTIONAL SHALE GAS DEVELOPMENT AND HYDRAULIC FRACTURING IN THE UNITED STATES

Authors: VENGOSH A; JACKSON RB; WARNER N; DARRAH TH; KONDASH A

Source: [ENVIRON SCI TECHNOL](#) 48 (15): 8334-8348 SP. ISS. SI AUG 5 2014

Addresses: Duke Univ, Div Earth & Ocean Sci, Nicholas Sch Environm, Durham, NC 27708 USA.
Stanford Univ, Sch Earth Sci, Woods Inst Environm, Stanford, CA 94305 USA.
Stanford Univ, Precourt Inst Energy, Stanford, CA 94305 USA.
Dartmouth Coll, Dept Earth Sci, Hanover, NH 03755 USA.
Ohio State Univ, Sch Earth Sci, Columbus, OH 43210 USA.

Field: [ENVIRONMENT/ECOLOGY](#)



6 水质的研究前沿、高被引论文与热点论文

水质研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
SWIMMING-ASSOCIATED GASTROINTESTINAL ILLNESS; ENTERIC ILLNESS; SAND CONTACT; SAND; RECREATIONAL WATER QUALITY	2	110	55.00	2010.0

1 Citations: 93

RESEARCH FRONT

WEB OF SCIENCE

Title: HIGH SENSITIVITY OF CHILDREN TO SWIMMING-ASSOCIATED GASTROINTESTINAL ILLNESS - RESULTS USING A RAPID ASSAY OF RECREATIONAL WATER QUALITY

Authors: WADE TJ; CALDERON RL; BRENNER KP; SAMS E; BEACH M; HAUGLAND R; WYMER L; DUFOUR AP

Source: [EPIDEMIOLOGY](#)
19 (3): 375-383 MAY 2008

Addresses: US EPA, Natl Hlth & Environm Effects Res Lab, Chapel Hill, NC USA.

US EPA, Natl Exposure Res Lab, Cincinnati, OH USA.
Ctr Dis Control & Prevent, Atlanta, GA USA.

Field: [SOCIAL SCIENCES, GENERAL](#)

2 Citations: 17

RESEARCH FRONT

WEB OF SCIENCE

Title: FECAL INDICATORS IN SAND, SAND CONTACT, AND RISK OF ENTERIC ILLNESS AMONG BEACHGOERS

Authors: HEANEY CD; SAMS E; DUFOUR AP; BRENNER KP; HAUGLAND RA; CHERN E; WING S; MARSHALL S; LOVE DC; SERRE M; NOBLE R; WADE TJ

Source: [EPIDEMIOLOGY](#)
23 (1): 95-106 JAN 2012

Addresses: Univ N Carolina, Dept Epidemiol, Chapel Hill, NC USA.
US EPA, Epidemiol Branch, Environm Publ Hlth Div, Natl Hlth & Environm Effects Res Lab, Res Triangle Pk, NC 27711 USA.
US EPA, Natl Exposure Res Lab, Cincinnati, OH 45268 USA.
Johns Hopkins Univ, Dept Environm Hlth Sci, Baltimore, MD 21205 USA.



Univ N Carolina, Dept Environm Sci & Engn, Chapel Hill, NC USA.

Field: [SOCIAL SCIENCES, GENERAL](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
WATER QUALITY INTERVENTIONS; WATER QUALITY; SAFE WATER; REALIZE HEALTH GAINS; GLOBAL ACCESS	2	63	31.50	2012.0

1 Citations: 42

RESEARCH FRONT

WEB OF SCIENCE

Title: GLOBAL ACCESS TO SAFE WATER: ACCOUNTING FOR WATER QUALITY AND THE RESULTING IMPACT ON MDG PROGRESS

Authors: ONDA K; LOBUGLIO J; BARTRAM J

Source: [INT J ENVIRON RES PUBLIC HEAL](#)
9 (3): 880-894 MAR 2012

Addresses: Univ N Carolina Chapel Hill, Water Inst, Gillings Sch Global Publ Hlth, Chapel Hill, NC 27599 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

2 Citations: 21

RESEARCH FRONT

WEB OF SCIENCE

Title: HIGH ADHERENCE IS NECESSARY TO REALIZE HEALTH GAINS FROM WATER QUALITY INTERVENTIONS

Authors: BROWN J; CLASEN T

Source: [PLOS ONE](#)
7 (5): - MAY 7 2012

Addresses: London Sch Hyg & Trop Med, Fac Infect & Trop Dis, Dept Dis Control, London WC1, England.

Field: [SOCIAL SCIENCES, GENERAL](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
WATER QUALITY; WATER SUPPLY; CURRENT RESEARCH ISSUES; EROSION PROCESSES; FOREST CATCHMENTS	2	54	27.00	2012.0

1 Citations: 40

RESEARCH FRONT

WEB OF SCIENCE



Title: WILDFIRE EFFECTS ON WATER QUALITY IN FOREST CATCHMENTS: A REVIEW WITH IMPLICATIONS FOR WATER SUPPLY

Authors: SMITH HG; SHERIDAN GJ; LANE PNJ; NYMAN P; HAYDON S

Source: [J HYDROL](#)
396 (1-2): 170-192 JAN 5 2011

Addresses: Univ Melbourne, Dept Forest & Ecosyst Sci, Melbourne, Vic 3010, Australia.
Melbourne Water Corp, Melbourne, Vic 3001, Australia.

Field: [ENGINEERING](#)

2 Citations: 14

RESEARCH FRONT

WEB OF SCIENCE

Title: CURRENT RESEARCH ISSUES RELATED TO POST-WILDFIRE RUNOFF AND EROSION PROCESSES

Authors: MOODY JA; SHAKESBY RA; ROBICHAUD PR; CANNON SH; MARTIN DA

Source: [EARTH-SCI REV](#)
122: 10-37 JUL 2013

Addresses: US Geol Survey, Natl Res Program, Boulder, CO USA.
Swansea Univ, Coll Sci, Dept Geog, Swansea, W Glam, Wales.
USDA, Rocky Mt Res Stn, Forest Serv, Moscow, ID USA.
US Geol Survey, Landslide Hazards Program, Golden, CO USA.

Field: [GEOSCIENCES](#)

水质高被引论文 32 篇

1 Citations: 269

WEB OF SCIENCE

Title: MULTIVARIATE STATISTICAL TECHNIQUES FOR THE EVALUATION OF SPATIAL AND TEMPORAL VARIATIONS IN WATER QUALITY OF GOMTI RIVER (INDIA) - A CASE STUDY

Authors: SINGH KP; MALIK A; MOHAN D; SINHA S

Source: [WATER RES](#) 38 (18): 3980-3992 NOV 2004

Addresses: Ind Toxicol Res Ctr, Environm Chem Sect, Lucknow 226001, Uttar Pradesh, India.
Natl Bot Res Inst, Lucknow 226001, Uttar Pradesh, India.

Field: [ENVIRONMENT/ECOLOGY](#)

2 Citations: 257

WEB OF SCIENCE



Title: ASSESSMENT OF SURFACE **WATER QUALITY** USING MULTIVARIATE STATISTICAL TECHNIQUES: A CASE STUDY OF THE FUJI RIVER BASIN, JAPAN

Authors: SHRESTHA S; KAZAMA F

Source: [ENVIRON MODELL SOFTW](#) 22 (4): 464-475 SP. ISS. SI APR 2007

Addresses: Univ Yamanashi, Interdisciplinary Grad Sch Med & Engn, Dept Ecosocial Syst Engn, Kofu, Yamanashi 4008511, Japan.

Field: [COMPUTER SCIENCE](#)

3 **Citations:** 242

WEB OF SCIENCE

Title: A REVIEW OF NON-EQUILIBRIUM WATER FLOW AND SOLUTE TRANSPORT IN SOIL MACROPORES: PRINCIPLES, CONTROLLING FACTORS AND CONSEQUENCES FOR **WATER QUALITY**

Authors: JARVIS NJ

Source: [EUR J SOIL SCI](#) 58 (3): 523-546 JUN 2007

Addresses: SLU, Dept Soil Sci, S-75007 Uppsala, Sweden.

Field: [AGRICULTURAL SCIENCES](#)

4 **Citations:** 220

WEB OF SCIENCE

Title: BIOTIC LIGAND MODEL, A FLEXIBLE TOOL FOR DEVELOPING SITE-SPECIFIC **WATER QUALITY** GUIDELINES FOR METALS

Authors: NIYOGI S; WOOD CM

Source: [ENVIRON SCI TECHNOL](#) 38 (23): 6177-6192 DEC 1 2004

Addresses: McMaster Univ, Dept Biol, Hamilton, ON L8S 4K1, Canada.

Field: [ENVIRONMENT/ECOLOGY](#)

5 **Citations:** 179

WEB OF SCIENCE

Title: **WATER QUALITY** ASSESSMENT AND APPORTIONMENT OF POLLUTION SOURCES OF GOMTI RIVER (INDIA) USING MULTIVARIATE STATISTICAL TECHNIQUES - A CASE STUDY

Authors: SINGH KP; MALIK A; SINHA S

Source: [ANAL CHIM ACTA](#) 538 (1-2): 355-374 MAY 4 2005

Addresses: Ind Toxicol Res Ctr, Environm Chem Sect, Lucknow 226001, Uttar Pradesh, India.
Natl Bot Res Inst, Lucknow 226001, Uttar Pradesh, India.

Field: [CHEMISTRY](#)



6 Citations: 170

WEB OF SCIENCE



Title: REGIONAL AND GLOBAL CONCERNS OVER WETLANDS AND **WATER QUALITY**

Authors: VERHOEVEN JTA; ARHEIMER B; YIN CQ; HEFTING MM

Source: [TREND ECOL EVOLUT](#) 21 (2): 96-103 FEB 2006

Addresses: Univ Utrecht, Inst Environm Biol, NL-3508 TB Utrecht, Netherlands.
Swedish Meteorol & Hydrol Inst, SE-60176 Norrkoping, Sweden.
Chinese Acad Sci, Ecoenvironm Sci Res Ctr, Beijing, Peoples R China.

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 163



WEB OF SCIENCE

Title: THE CHARCOAL VISION: A WIN-WIN-WIN SCENARIO FOR SIMULTANEOUSLY PRODUCING BIOENERGY, PERMANENTLY SEQUESTERING CARBON, WHILE IMPROVING SOIL AND **WATER QUALITY**

Authors: LAIRD DA

Source: [AGRON J](#) 100 (1): 178-181 JAN-FEB 2008

Addresses: USDA ARS, Natl Soil Tilth Lab, Ames, IA 50011 USA.

Field: [AGRICULTURAL SCIENCES](#)

8 Citations: 162



WEB OF SCIENCE

Title: FECAL SOURCE TRACKING, THE INDICATOR PARADIGM, AND MANAGING **WATER QUALITY**

Authors: FIELD KG; SAMADPOUR M

Source: [WATER RES](#) 41 (16): 3517-3538 AUG 2007

Addresses: Oregon State Univ, Dept Microbiol, Corvallis, OR 97331 USA.
Inst Environm Hlth, Lake Forest Pk, WA 98155 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

9 Citations: 156



WEB OF SCIENCE

Title: MODELLING HYDROLOGY AND **WATER QUALITY** IN THE PRE-ALPINE/ALPINE THUR WATERSHED USING SWAT

Authors: ABBASPOUR KC; YANG J; MAXIMOV I; SIBER R; BOGNER K; MIELEITNER J; ZOBRIST J; SRINIVASAN R

Source: [J HYDROL](#) 333 (2-4): 413-430 FEB 15 2007



Addresses: Swiss Fed Inst Aquat Sci & Technol, Eawag, CH-8600
Dubendorf, Switzerland.
Bavarian Water Management Agcy, Unit 16, Flood Informat &
Warning Serv, D-80636 Munich, Germany.
Texas A&M Univ, Texas Agr Expt Stn, Spatial Sci Lab, College
Stn, TX 77845 USA.

Field: [ENGINEERING](#)

10 **Citations:** 132

RESEARCH FRONT

WEB OF SCIENCE

Title: NATURAL ORGANIC MATTER (NOM) ADSORPTION TO
MULTI-WALLED CARBON NANOTUBES: EFFECT OF NOM
CHARACTERISTICS AND **WATER QUALITY** PARAMETERS

Authors: HYUNG H; KIM JH

Source: [ENVIRON SCI TECHNOL](#) 42 (12): 4416-4421 JUN 15 2008

Addresses: Georgia Inst Technol, Sch Civil & Environm Engn, Atlanta, GA
30332 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

11 **Citations:** 116

WEB OF SCIENCE

Title: BIODIVERSITY IMPROVES **WATER QUALITY** THROUGH
NICHE PARTITIONING

Authors: CARDINALE BJ

Source: [NATURE](#) 472 (7341): 86-U113 APR 7 2011

Addresses: Univ Michigan, Sch Nat Resources & Environm, Ann Arbor, MI
48109 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

12 **Citations:** 114

WEB OF SCIENCE

Title: CUMULATIVE UNCERTAINTY IN MEASURED
STREAMFLOW AND **WATER QUALITY** DATA FOR SMALL
WATERSHEDS

Authors: HARMEL RD; COOPER RJ; SLADE RM; HANEY
RL; ARNOLD JG

Source: [TRANS ASABE](#) 49 (3): 689-701 MAY-JUN 2006

Addresses: USDA ARS, Temple, TX 76502 USA.
Macaulay Inst, Aberdeen, Scotland.
USGS, Austin, TX USA.

Field: [AGRICULTURAL SCIENCES](#)



13 Citations: 103

WEB OF SCIENCE

Title: WATER QUALITY INDICATORS AND THE RISK OF ILLNESS AT BEACHES WITH NONPOINT SOURCES OF FECAL CONTAMINATION

Authors: COLFORD JM; WADE TJ; SCHIFF KC; WRIGHT CC; GRIFFITH JF; SANDHU SK; BURNS S; SOBSEY M; LOVELACE G; WEISBERG SB

Source: [EPIDEMIOLOGY](#) 18 (1): 27-35 JAN 2007

Addresses: Univ Calif Berkeley, Sch Publ Hlth, Div Epidemiol, Berkeley, CA 94720 USA.
US EPA, Natl Hlth & Environm Effects Res Lab, Res Triangle Pk, NC 27711 USA.
So Calif Coastal Water Res Project, Westminster, CA USA.
Univ Calif Berkeley, Survey Res Ctr, Berkeley, CA 94720 USA.
Univ N Carolina, Dept Environm Sci & Engn, Chapel Hill, NC USA.

Field: [SOCIAL SCIENCES, GENERAL](#)

14 Citations: 93

RESEARCH FRONT

WEB OF SCIENCE

Title: HIGH SENSITIVITY OF CHILDREN TO SWIMMING-ASSOCIATED GASTROINTESTINAL ILLNESS - RESULTS USING A RAPID ASSAY OF RECREATIONAL WATER QUALITY

Authors: WADE TJ; CALDERON RL; BRENNER KP; SAMS E; BEACH M; HAUGLAND R; WYMER L; DUFOUR AP

Source: [EPIDEMIOLOGY](#) 19 (3): 375-383 MAY 2008

Addresses: US EPA, Natl Hlth & Environm Effects Res Lab, Chapel Hill, NC USA.
US EPA, Natl Exposure Res Lab, Cincinnati, OH USA.
Ctr Dis Control & Prevent, Atlanta, GA USA.

Field: [SOCIAL SCIENCES, GENERAL](#)

15 Citations: 90

RESEARCH FRONT

WEB OF SCIENCE

Title: WATER QUALITY AS A REGIONAL DRIVER OF CORAL BIODIVERSITY AND MACROALGAE ON THE GREAT BARRIER REEF

Authors: DEATH G; FABRICIUS K

Source: [ECOL APPL](#) 20 (3): 840-850 APR 2010

Addresses: Australian Inst Marine Sci, Townsville, Qld 4810, Australia.

Field: [ENVIRONMENT/ECOLOGY](#)



16 Citations: 87

WEB OF SCIENCE

Title: A MODELING APPROACH TO EVALUATE THE IMPACTS OF **WATER QUALITY** MANAGEMENT PLANS IMPLEMENTED IN A WATERSHED IN TEXAS

Authors: SANTHI C; SRINIVASAN R; ARNOLD JG; WILLIAMS JR

Source: [ENVIRON MODELL SOFTW](#) 21 (8): 1141-1157 AUG 2006

Addresses: Texas A&M Univ Syst, Blackland Res & Extens Ctr, Temple, TX 76502 USA.
USDA ARS, Grassland Soil & Water Res Lab, Temple, TX 76502 USA.

Field: [COMPUTER SCIENCE](#)

17 Citations: 84

WEB OF SCIENCE

Title: TREATING WATER WITH CHLORINE AT POINT-OF-USE TO IMPROVE **WATER QUALITY** AND REDUCE CHILD DIARRHEA IN DEVELOPING COUNTRIES: A SYSTEMATIC REVIEW AND META-ANALYSIS

Authors: ARNOLD BF; COLFORD JM

Source: [AMER J TROP MED HYG](#) 76 (2): 354-364 FEB 2007

Addresses: Univ Calif Berkeley, Sch Publ Hlth, Div Epidemiol, Berkeley, CA 94720 USA.

Field: [SOCIAL SCIENCES, GENERAL](#)

18 Citations: 50

WEB OF SCIENCE

Title: TOWARDS THE IMPLEMENTATION OF THE EUROPEAN WATER FRAMEWORK DIRECTIVE? LESSONS LEARNED FROM **WATER QUALITY** SIMULATIONS IN AN AGRICULTURAL WATERSHED

Authors: VOLK M; LIERSCH S; SCHMIDT G

Source: [LAND USE POLICY](#) 26 (3): 580-588 JUL 2009

Addresses: UFZ Helmholtz Ctr Environm Res, Helmholtz Ctr Environm Res, Dept Computat Landscape Ecol, D-04318 Leipzig, Germany.
Univ Halle Wittenberg, Fac Geosci, D-06120 Halle, Saale, Germany.

Field: [SOCIAL SCIENCES, GENERAL](#)

19 Citations: 42

RESEARCH FRONT

WEB OF SCIENCE

Title: GLOBAL ACCESS TO SAFE WATER: ACCOUNTING FOR **WATER QUALITY** AND THE RESULTING IMPACT ON



MDG PROGRESS

Authors: ONDA K; LOBUGLIO J; BARTRAM J
Source: [INT J ENVIRON RES PUBLIC HEAL](#) 9 (3): 880-894 MAR 2012
Addresses: Univ N Carolina Chapel Hill, Water Inst, Gillings Sch Global Publ Hlth, Chapel Hill, NC 27599 USA.
Field: [ENVIRONMENT/ECOLOGY](#)

20 **Citations:** 40

RESEARCH FRONT

WEB OF SCIENCE

Title: WILDFIRE EFFECTS ON WATER QUALITY IN FOREST CATCHMENTS: A REVIEW WITH IMPLICATIONS FOR WATER SUPPLY

Authors: SMITH HG; SHERIDAN GJ; LANE PNJ; NYMAN P; HAYDON S

Source: [J HYDROL](#) 396 (1-2): 170-192 JAN 5 2011

Addresses: Univ Melbourne, Dept Forest & Ecosyst Sci, Melbourne, Vic 3010, Australia.
Melbourne Water Corp, Melbourne, Vic 3001, Australia.

Field: [ENGINEERING](#)

21 **Citations:** 30

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: IMPACT OF SHALE GAS DEVELOPMENT ON REGIONAL WATER QUALITY

Authors: VIDIC RD; BRANTLEY SL; VANDENBOSSCHE JM; YOXTHEIMER D; ABAD JD

Source: [SCIENCE](#) 340 (6134): - MAY 17 2013

Addresses: Univ Pittsburgh, Dept Civil & Environm Engn, Pittsburgh, PA 15261 USA.
Penn State Univ, Earth & Environm Syst Inst, University Pk, PA 16802 USA.

Penn State Univ, Dept Geosci, University Pk, PA 16802 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

22 **Citations:** 28

RESEARCH FRONT

WEB OF SCIENCE

Title: SPATIALLY VARYING RELATIONSHIPS BETWEEN LAND USE AND WATER QUALITY ACROSS AN URBANIZATION GRADIENT EXPLORED BY GEOGRAPHICALLY WEIGHTED REGRESSION



Authors: TU J
Source: [APPL GEOGR](#) 31 (1): 376-392 SP. ISS. SI JAN 2011
Addresses: Kennesaw State Univ, Dept Geog & Anthropol, Kennesaw, GA 30144 USA.
Field: [SOCIAL SCIENCES, GENERAL](#)

23 Citations: 23

RESEARCH FRONT

WEB OF SCIENCE

Title: SPATIAL AND TEMPORAL CORRELATION OF **WATER QUALITY** PARAMETERS OF PRODUCED WATERS FROM DEVONIAN-AGE SHALE FOLLOWING HYDRAULIC FRACTURING

Authors: BARBOT E; VIDIC NS; GREGORY KB; VIDIC RD
Source: [ENVIRON SCI TECHNOL](#) 47 (6): 2562-2569 MAR 19 2013
Addresses: Univ Pittsburgh, Dept Civil & Environm Engn, Pittsburgh, PA 15260 USA.
 Univ Pittsburgh, Dept Ind Engn, Pittsburgh, PA USA.
 Carnegie Mellon Univ, Dept Civil & Environm Engn, Pittsburgh, PA 15213 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

24 Citations: 21

RESEARCH FRONT

WEB OF SCIENCE

Title: SHALE GAS DEVELOPMENT IMPACTS ON SURFACE **WATER QUALITY** IN PENNSYLVANIA

Authors: OLMSTEAD SM; MUEHLENBACHS LA; SHIH JS; CHU ZY; KRUPNICK AJ
Source: [PROC NAT ACAD SCI USA](#) 110 (13): 4962-4967 MAR 26 2013
Addresses: Resources Future Inc, Washington, DC 20036 USA.
Field: [ENVIRONMENT/ECOLOGY](#)

25 Citations: 21

RESEARCH FRONT

WEB OF SCIENCE

Title: HIGH ADHERENCE IS NECESSARY TO REALIZE HEALTH GAINS FROM **WATER QUALITY** INTERVENTIONS

Authors: BROWN J; CLASEN T
Source: [PLOS ONE](#) 7 (5): - MAY 7 2012
Addresses: London Sch Hyg & Trop Med, Fac Infect & Trop Dis, Dept Dis Control, London WC1, England.

Field: [SOCIAL SCIENCES, GENERAL](#)

26 Citations: 18

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: IMPACTS OF SHALE GAS WASTEWATER DISPOSAL



ON WATER QUALITY IN WESTERN PENNSYLVANIA
Authors: WARNER NR; CHRISTIE CA; JACKSON RB; VENGOSH A
Source: [ENVIRON SCI TECHNOL](#) 47 (20): 11849-11857 OCT 15 2013
Addresses: Duke Univ, Nicholas Sch Environm, Div Earth & Ocean Sci, Durham, NC 27708 USA.
Field: [ENVIRONMENT/ECOLOGY](#)

27 Citations: 18

RESEARCH FRONT

WEB OF SCIENCE

THREE COMPLEMENTARY METHODS FOR SENSITIVITY ANALYSIS OF A WATER QUALITY MODEL
Authors: SUN XY; NEWHAM LTH; CROKE BFW; NORTON JP
Source: [ENVIRON MODELL SOFTW](#) 37: 19-29 NOV 2012
Addresses: Australian Natl Univ, Integrated Catchment Assessment & Management Ctr, Fenner Sch Environm & Soc, Canberra, ACT 0200, Australia.
 Australian Natl Univ, Inst Math Sci, Canberra, ACT 0200, Australia.
Field: [COMPUTER SCIENCE](#)

28 Citations: 10

WEB OF SCIENCE

COMPARISON OF CONTAMINANTS OF EMERGING CONCERN REMOVAL, DISCHARGE, AND WATER QUALITY HAZARDS AMONG CENTRALIZED AND ON-SITE WASTEWATER TREATMENT SYSTEM EFFLUENTS RECEIVING COMMON WASTEWATER INFLUENT
Authors: DU BW; PRICE AE; SCOTT WC; KRISTOFKO LA; RAMIREZ AJ; CHAMBLISS CK; YELDERMAN JC; BROOKS BW
Source: [SCI TOTAL ENVIR](#) 466: 976-984 JAN 1 2014
Addresses: Baylor Univ, Inst Ecol Earth & Environm Sci, Waco, TX 76798 USA.
 Baylor Univ, Dept Environm Sci, Ctr Reservoir & Aquat Syst Res, Waco, TX 76798 USA.
 Baylor Univ, Dept Chem & Biochem, Waco, TX 76798 USA.
 Baylor Univ, Dept Geol, Waco, TX 76798 USA.
 Baylor Univ, Inst Biomed Studies, Waco, TX 76798 USA.
Field: [ENVIRONMENT/ECOLOGY](#)

29 Citations: 8

RESEARCH FRONT

WEB OF SCIENCE

MERCURY CYCLING IN AGRICULTURAL AND MANAGED



WETLANDS, YOLO BYPASS, CALIFORNIA: SPATIAL AND SEASONAL VARIATIONS IN WATER QUALITY

Authors: ALPERS CN; FLECK JA; MARVIN-DIPASQUALE M; STRICKER CA; STEPHENSON M; TAYLOR HE

Source: [SCI TOTAL ENVIR](#) 484: 276-287 JUN 15 2014

Addresses: US Geol Survey, Sacramento, CA 95819 USA.
US Geol Survey, Menlo Pk, CA 94025 USA.
US Geol Survey, Ft Collins Sci Ctr, Denver, CO 80225 USA.
Moss Landing Marine Lab, Moss Landing, CA 95039 USA.
US Geol Survey, Boulder, CO 80303 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

30 Citations: 6

RESEARCH FRONT

WEB OF SCIENCE

Title: WATER QUALITY OF A SMALL HEADWATER LAKE REFLECTS LONG-TERM VARIATIONS IN DEPOSITION, CLIMATE AND IN-LAKE PROCESSES

Authors: VUORENMAA J; SALONEN K; ARVOLA L; MANNIO J; RASK M; HORPPILA P

Source: [BOREAL ENVIRON RES](#) 19: 47-65 SUPPL. A SP. ISS. SI MAR 21 2014

Addresses: Finnish Environm Inst, FI-00251 Helsinki, Finland.
Univ Helsinki, Lammi Biol Stn, FI-16900 Lammi, Finland.
Univ Jyvaskyla, Dept Biol & Environm Sci, FI-40014 Jyvaskyla, Finland.
Finnish Game & Fisheries Res Inst, Evo Fisheries Res Stn, FI-16970 Evo, Finland.
Ctr Econ Dev Transport & Environm Hame, FI-15140 Lahti, Finland.

Field: [ENVIRONMENT/ECOLOGY](#)

31 Citations: 4

WEB OF SCIENCE

Title: SEDIMENT DELIVERY ESTIMATES IN WATER QUALITY MODELS ALTERED BY RESOLUTION AND SOURCE OF TOPOGRAPHIC DATA

Authors: BEESON PC; SADEGHI AM; LANG MW; TOMER MD; DAUGHTRY CST

Source: [J ENVIRON QUAL](#) 43 (1): 26-36 JAN-FEB 2014

Addresses: USDA ARS, Hydrol & Remote Sensing Lab, Beltsville, MD 20705 USA.
USDA ARS, No Res Stn, Beltsville, MD 20705 USA.
USDA ARS, Natl Lab Agr & Environm, Ames, IA 50011 USA.



Field: [ENVIRONMENT/ECOLOGY](#)

32 **Citations:** 4

RESEARCH FRONT

WEB OF SCIENCE

Title: A COLLABORATIVE APPROACH TO GROUNDWATER PROTECTION: THE RURAL **WATER QUALITY** PROGRAM FOR WATERLOO REGION

Authors: SIMPSON HC; DE LOE RC

Source: CAN WATER RESOUR J 39 (2): 228-239 SP. ISS. SI 2014

Addresses: Ontario Minist Agr Food & Rural Affairs, Guelph, ON, Canada.
Univ Waterloo, Dept Geog & Environm Management, Waterloo, ON N2L 3G1, Canada.
Univ Waterloo, Dept Environm & Resources Studies, Waterloo, ON N2L 3G1, Canada.

Field: [ENVIRONMENT/ECOLOGY](#)

水质热点论文 3 篇

1 **Citations:** 30

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: IMPACT OF SHALE GAS DEVELOPMENT ON REGIONAL **WATER QUALITY**

Authors: VIDIC RD; BRANTLEY SL; VANDENBOSSCHE JM; YOXTHEIMER D; ABAD JD

Source: [SCIENCE](#) 340 (6134): - MAY 17 2013

Addresses: Univ Pittsburgh, Dept Civil & Environm Engn, Pittsburgh, PA 15261 USA.
Penn State Univ, Earth & Environm Syst Inst, University Pk, PA 16802 USA.
Penn State Univ, Dept Geosci, University Pk, PA 16802 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

2 **Citations:** 18

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: IMPACTS OF SHALE GAS WASTEWATER DISPOSAL ON **WATER QUALITY** IN WESTERN PENNSYLVANIA

Authors: WARNER NR; CHRISTIE CA; JACKSON RB; VENGOSH A

Source: [ENVIRON SCI TECHNOL](#) 47 (20): 11849-11857 OCT 15 2013

Addresses: Duke Univ, Nicholas Sch Environm, Div Earth & Ocean Sci, Durham, NC 27708 USA.

Field: [ENVIRONMENT/ECOLOGY](#)



3 Citations: 5

HOT PAPER

WEB OF SCIENCE

Title: THE IMPACT OF A SCHOOL-BASED HYGIENE, WATER QUALITY AND SANITATION INTERVENTION ON SOIL-TRANSMITTED HELMINTH REINFECTION: A CLUSTER-RANDOMIZED TRIAL

Authors: FREEMAN MC; CLASEN T; BROOKER SJ; AKOKO DO; RHEINGANS R

Source: [AMER J TROP MED HYG](#) 89 (5): 875-883 NOV 2013

Addresses: Emory Univ, Atlanta, GA 30322 USA.
Univ London London Sch Hyg & Trop Med, London WC1E 7HT, England.
Wellcome Trust Res Programme, Kenya Med Res Inst, Nairobi, Kenya.
Great Lakes Univ Kisumu, Kisumu, Kenya.
Univ Florida, Gainesville, FL USA.
KEMRI Wellcome Trust, Nairobi, Kenya.
Great Lakes Univ Kisumu, Trop Inst Community Hlth & Dev, Kisumu, Kenya.

Field: [SOCIAL SCIENCES, GENERAL](#)

7 污水处理热点论文与研究前沿

污水处理热点论文 4 篇

1 Citations: 38

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: URBAN WASTEWATER TREATMENT PLANTS AS HOTSPOTS FOR ANTIBIOTIC RESISTANT BACTERIA AND GENES SPREAD INTO THE ENVIRONMENT: A REVIEW

Authors: RIZZO L; MANAIA C; MERLIN C; SCHWARTZ T; DAGOT C; PLOY MC; MICHAEL I; FATTA-KASSINOS D

Source: [SCI TOTAL ENVIR](#) 447: 345-360 MAR 1 2013

Addresses: Univ Salerno, Dept Civil Engn, I-84084 Fisciano, SA, Italy.
Univ Catolica Portuguesa, CBQF Escola Super Biotecnol, P-4200072 Oporto, Portugal.
Univ Lorraine, CNRS, UMR 7564, LCPME, F-54500 Vandoeuvre Les Nancy, France.
KIT, IFG, Dept Microbiol Interfaces, D-76344 Eggenstein Leopoldshafen, Germany.
Univ Limoges, EA4330, GRESE, ENS1L, F-87000 Limoges, France.



Univ Limoges, INSERM, UMR S1092, F-87000 Limoges, France.
Univ Cyprus, Nireas, Int Water Res Ctr, CY-1678 Nicosia, Cyprus.

Field: [ENVIRONMENT/ECOLOGY](#)

2 **Citations:** 31

HOT PAPER

WEB OF SCIENCE

Title: OCCURRENCE OF ORGANIC MICROCONTAMINANTS IN THE WASTEWATER TREATMENT PROCESS. A MINI REVIEW

Authors: RATOLA N; CINCINELLI A; ALVES A; KATSOYIANNIS A

Source: [J HAZARD MATER](#) 239: 1-18 NOV 15 2012

Addresses: Norwegian Inst Air Res, FRAM High N Res Ctr Climate & Environm, NO-9296 Tromso, Norway.

Univ Lancaster, Lancaster Environm Ctr, Lancaster LA1 4YQ, England.

Univ Porto, Fac Engn, Dept Chem Engn, LEPAE, P-4200465 Oporto, Portugal.

Univ Florence, Dept Chem, I-50019 Florence, Italy.

Field: [ENGINEERING](#)

3 **Citations:** 26

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: OCCURRENCE OF PHARMACEUTICAL COMPOUNDS IN WASTEWATER AND SLUDGE FROM WASTEWATER TREATMENT PLANTS: REMOVAL AND ECOTOXICOLOGICAL IMPACT OF WASTEWATER DISCHARGES AND SLUDGE DISPOSAL

Authors: MARTIN J; CAMACHO-MUNOZ D; SANTOS JL; APARICIO I; ALONSO E

Source: [J HAZARD MATER](#) 239: 40-47 NOV 15 2012

Addresses: Univ Seville, Escuela Politecn Super, Dept Analyt Chem, E-41011 Seville, Spain.

Field: [ENGINEERING](#)

4 **Citations:** 6

HOT PAPER

WEB OF SCIENCE

Title: A REVIEW ON THE OCCURRENCE OF MICROPOLLUTANTS IN THE AQUATIC ENVIRONMENT AND THEIR FATE AND REMOVAL DURING WASTEWATER TREATMENT

Authors: LUO YL; GUO WS; NGO HH; NGHIEM LD; HAI FI; ZHANG J; LIANG S; WANG XCC

Source: [SCI TOTAL ENVIR](#) 473: 619-641 MAR 1 2014

Addresses: Univ Technol Sydney, Sch Civil & Environm Engn, Ctr Technol



Water & Wastewater, Sydney, NSW 2007, Australia.
Univ Wollongong, Sch Civil Min & Environm Engn, Strateg Water
Infrastruct Lab, Wollongong, NSW 2522, Australia.
Shandong Univ, Sch Environm Sci & Engn, Shandong Key Lab
Water Pollut Control & Resource, Jinan 250100, Peoples R China.
Xian Univ Architecture & Technol, Minist Educ, Key Lab
Northwest Water Resources Environm & Ecol, Xian
710055, Peoples R China.

Field: [ENVIRONMENT/ECOLOGY](#)

污水处理研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
WASTEWATER TREATMENT PLANTS; WASTEWATER TREATMENT; FIVE SEWAGE TREATMENT PLANTS; ENVIRONMENTAL RISK ASSESSMENT; WASTEWATER DISCHARGES	11	598	54.36	2011.7
MODEL WASTEWATER TREATMENT PLANT; WASTEWATER TREATMENT PLANTS; TITANIUM NANOMATERIAL REMOVAL; REMOVAL; SYNTHETIC TIO(2) NANOPARTICLE EMISSION	3	561	187.00	2008.3
FULL-SCALE BIOLOGICAL NUTRIENT REMOVAL WASTEWATER TREATMENT PLANTS; BIOLOGICAL WASTEWATER TREATMENT; WASTEWATER TREATMENT; NITROUS OXIDE GENERATION; NITROUS OXIDE EMISSION	4	374	93.50	2010.3
ENDOCRINE DISRUPTING COMPOUNDS (EDCS); REMOVAL MECHANISMS; REMOVAL; WASTEWATER TREATMENT; WASTEWATER	3	338	112.67	2009.0



SUSTAINABLE ENERGY PRODUCTION; AIR CATHODE MICROBIAL FUEL CELL; MICROBIAL FUEL CELLS (MFCS); HIGH STRENGTH WASTEWATER TREATMENT ACCOMPANIED; BIOELECTROCHEMICAL SYSTEMS (BES)	3	316	105.33	2011.7
MUNICIPAL WASTEWATER TREATMENT PLANT UPGRADED; FULL SCALE RECLAMATION PLANT; CARBON FILTRATION; ORGANIC MICROPOLLUTANTS; SAND FILTRATION	2	221	110.50	2009.5
URBAN WASTEWATER TREATMENT PLANTS; URBAN WASTEWATER; ANTIBIOTIC RESISTANT BACTERIA; ANTIBIOTIC RESISTANCE; HOTSPOTS	3	95	31.67	2013.0
IRON OXIDE NANOPARTICLES IMMOBILIZED PHANEROCHAETE CHRYSOSPORIUM; IRON OXIDE NANOMATERIALS; MECHANISMS ANALYSIS; WASTEWATER TREATMENT; EQUILIBRIUM	2	94	47.00	2012.0
WASTEWATER TREATMENT PLANTS (WWTP) EFFLUENTS; TREATMENT; UV ADVANCED OXIDATION PROCESSES; LOW TIO2 CONCENTRATIONS; PHOTOCHEMICAL REACTION CONSTANTS	2	62	31.00	2012.0
NEUTRAL PHOTO-FENTON; WASTEWATER TREATMENT PLANT EFFLUENTS; MODIFIED PHOTO-FENTON; PHOTO-FENTON; DOMESTIC WASTEWATER EFFLUENT PREVIOUSLY	2	58	29.00	2012.5



8 海洋生物的研究前沿与高被引论文

海洋生物研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
PLASTIC MARINE DEBRIS; MARINE ENVIRONMENT; SEABIRDS INGESTING MARINE PLASTICS; PLASTIC DEBRIS; MARINE ORGANISMS	13	745	57.31	2011.6
CO2-INDUCED OCEAN ACIDIFICATION; OCEAN ACIDIFICATION; MARINE CALCIFIERS EXHIBIT MIXED RESPONSES; MARINE ORGANISMS; MARINE BIODIVERSITY	3	658	219.33	2009.7

海洋生物高被引论文 8 篇

1 Citations: 275

WEB OF SCIENCE

Title: LAMELLARINS AND RELATED PYRROLE-DERIVED ALKALOIDS FROM **MARINE ORGANISMS**

Authors: FAN H; PENG J; HAMANN MT; HU JF

Source: [CHEM REV](#) 108 (1): 264-287 JAN 2008

Addresses: E China Normal Univ, Minist Educ, Key Lab Brain Funct Genom, Dept Nat Prod Chem Genet Res, Shanghai 200062, Peoples R China.
Univ Mississippi, Sch Pharm, Dept Pharmacognosy, University, MS 38677 USA.
Univ Mississippi, Sch Pharm, NCNPR, University, MS 38677 USA.
E China Normal Univ, Shanghai Key Lab Brain Funct Genom MOE & SBF, Shanghai 200062, Peoples R China.

Field: [CHEMISTRY](#)

2 Citations: 258

RESEARCH FRONT

WEB OF SCIENCE

Title: META-ANALYSIS REVEALS NEGATIVE YET VARIABLE EFFECTS OF OCEAN ACIDIFICATION ON **MARINE ORGANISMS**



Authors: KROEKER KJ; KORDAS RL; CRIM RN; SINGH GG
Source: [ECOL LETT](#) 13 (11): 1419-1434 NOV 2010
Addresses: Stanford Univ, Hopkins Marine Stn, Pacific Grove, CA 93950 USA.
 Univ British Columbia, Vancouver, BC V6T 1Z4, Canada.
Field: [ENVIRONMENT/ECOLOGY](#)

3 **Citations:** 257

WEB OF SCIENCE

Title: ANTIFOULING COATINGS: RECENT DEVELOPMENTS IN THE DESIGN OF SURFACES THAT PREVENT FOULING BY PROTEINS, BACTERIA, AND **MARINE ORGANISMS**
Authors: BANERJEE I; PANGULE RC; KANE RS
Source: [ADVAN MATER](#) 23 (6): 690-718 FEB 8 2011
Addresses: Rensselaer Polytech Inst, Howard P Isermann Dept Chem & Biol Engn, Troy, NY 12180 USA.
Field: [MATERIALS SCIENCE](#)

4 **Citations:** 139

WEB OF SCIENCE

Title: THE GREAT AMERICAN SCHISM: DIVERGENCE OF **MARINE ORGANISMS** AFTER THE RISE OF THE CENTRAL AMERICAN ISTHMUS
Authors: LESSIOS HA
Source: [ANNU REV ECOL EVOL SYST](#) 39: 63-91 2008
Addresses: Smithsonian Trop Res Inst, Balboa, Ancon, Panama.
Field: [ENVIRONMENT/ECOLOGY](#)

5 **Citations:** 61

HOT PAPER

WEB OF SCIENCE

Title: IMPACTS OF OCEAN ACIDIFICATION ON **MARINE ORGANISMS**: QUANTIFYING SENSITIVITIES AND INTERACTION WITH WARMING
Authors: KROEKER KJ; KORDAS RL; CRIM R; HENDRIKS IE; RAMAJO L; SINGH GS; DUARTE CM; GATTUSO JP
Source: [GLOB CHANGE BIOL](#) 19 (6): 1884-1896 JUN 2013
Addresses: Univ Calif Bodega, Bodega Bay Lab, Bodega Bay, CA 94923 USA.
 Univ British Columbia, Vancouver, BC V6T 1Z4, Canada.
 Puget Sound Restorat Fund, Bainbridge Isl, WA 98110 USA.
 Inst Mediterraneo Estudios Avanzados, Global Change Dept, IMEDEA CSIC UIB, Esporles 07190, Mallorca, Spain.
 Univ Santo Tomas, Lab Ecol & Cambio Climat, Fac Ciencias, Santiago, Chile.
 Univ Western Australia, UWA Oceans Inst, Crawley, WA



6009, Australia.

Univ Western Australia, Sch Plant Biol, Crawley, WA

6009, Australia.

CNRS INSU, Lab Oceanog Villefranche Sur Mer, F-06234

Villefranche Sur Mer, France.

Univ Paris 06, Observ Oceanol Villefranche, F-06230 Villefranche

Sur Mer, France.

Field: [ENVIRONMENT/ECOLOGY](#)

6 Citations: 50

WEB OF SCIENCE

Title: A DECADE OF CLIMATE CHANGE EXPERIMENTS ON **MARINE ORGANISMS**: PROCEDURES, PATTERNS AND PROBLEMS

Authors: WERNBERG T; SMALE DA; THOMSEN MS

Source: [GLOB CHANGE BIOL](#) 18 (5): 1491-1498 MAY 2012

Addresses: Univ Western Australia, UWA Oceans Inst, Crawley, WA
6009, Australia.

Univ Western Australia, Sch Plant Biol, Crawley, WA

6009, Australia.

Australian Inst Marine Sci, Crawley, WA 6009, Australia.

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 23

RESEARCH FRONT

WEB OF SCIENCE

Title: THE PHYSICAL IMPACTS OF MICROPLASTICS ON **MARINE ORGANISMS**: A REVIEW

Authors: WRIGHT SL; THOMPSON RC; GALLOWAY TS

Source: [ENVIRON POLLUT](#) 178: 483-492 JUL 2013

Addresses: Univ Exeter, Coll Life & Environm Sci, Exeter EX4 4QD,
Devon, England.

Univ Plymouth, Sch Marine Sci & Engn, Plymouth PL4 8AA,

Devon, England.

Field: [ENVIRONMENT/ECOLOGY](#)

8 Citations: 5

WEB OF SCIENCE

Title: OXIDATIVE PATHWAYS OF CHEMICAL TOXICITY AND OXIDATIVE STRESS BIOMARKERS IN **MARINE ORGANISMS**

Authors: REGOLI F; GIULIANI ME

Source: [MAR ENVIRON RES](#) 93: 106-117 SP. ISS. SI FEB 2014

Addresses: Univ Politecn Marche, Dipartimento Sci Vita & Ambiente, I-60100
Ancona, Italy.

Field: [ENVIRONMENT/ECOLOGY](#)



9 海洋环境研究前沿与高被引论文

海洋环境研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
PLASTIC MARINE DEBRIS; MARINE ENVIRONMENT; SEABIRDS INGESTING MARINE PLASTICS; PLASTIC DEBRIS; MARINE ORGANISMS	13	745	57.31	2011.6

1 Citations: 170

RESEARCH FRONT

WEB OF SCIENCE

Title: ACCUMULATION AND FRAGMENTATION OF PLASTIC DEBRIS IN GLOBAL ENVIRONMENTS

Authors: BARNES DKA; GALGANI F; THOMPSON RC; BARLAZ M

Source: [PHILOS TRANS R SOC B-BIOL SCI](#)
364 (1526): 1985-1998 JUL 27 2009

Addresses: NERC, British Antarctic Survey, Cambridge CB3 0ET, England.
IFREMER, Ctr Mediterranee, Prov Azur Corse LER PAC, F-83507
La Seyne Sur Mer, France.
Univ Plymouth, Inst Marine, Marine Biol & Ecol Res Ctr, Plymouth
PL4 8AA, Devon, England.
N Carolina State Univ, Dept Civil Construct & Environm Engn,
Raleigh, NC 27695 USA.

Field: [BIOLOGY & BIOCHEMISTRY](#)

2 Citations: 138

RESEARCH FRONT

WEB OF SCIENCE

Title: TRANSPORT AND RELEASE OF CHEMICALS FROM PLASTICS TO THE ENVIRONMENT AND TO WILDLIFE

Authors: TEUTEN EL; SAQUING JM; KNAPPE DRU; BARLAZ MA; JONSSON S; BJORN A; ROWLAND SJ; THOMPSON RC; GALLOWAY TS; YAMASHITA R; OCHI D; WATANUKI Y; MOORE C; PHAM HV; TANA TS; PRUDENTE M; BOONYATUMANOND R; ZAKARIA MP; AKKHAVONG K; OGATA Y; HIRAI H; IWASA S; MIZUKAWA K; HAGINO Y; IMAMURA A; SAHA M; TAKADA H

Source: [PHILOS TRANS R SOC B-BIOL SCI](#)
364 (1526): 2027-2045 JUL 27 2009



Addresses: Tokyo Univ Agr & Technol, LOG, Fuchu, Tokyo 1838509, Japan.
 Univ Plymouth, Inst Marine, Marine Biol & Ecol Res Ctr, Plymouth PL4 8AA, Devon, England.
 Univ Edinburgh, Sch Engn & Elect, Old Coll, Edinburgh EH8 9YL, Midlothian, Scotland.
 N Carolina State Univ, Dept Civil Construct & Environm Engn, Raleigh, NC 27695 USA.
 Linkoping Univ, Dept Water & Environm Studies, SE-58183 Linkoping, Sweden.
 Univ Exeter, Sch Biosci, Exeter EX4 4QD, Devon, England.
 Hokkaido Univ, Grad Sch Fisheries, Hakodate, Hokkaido 0418611, Japan.
 Algalita Marine Res Fdn, Long Beach, CA 90803 USA.
 Vietnam Natl Univ, Hanoi Univ Sci, Res Ctr Environm Technol & Sustainable Dev CETASD, Hanoi, Vietnam.
 Off Council Minister, Econ Social & Cultural Observat Unit, Phnom Penh, Cambodia.
 De La Salle Univ, Sci Educ Dept, Manila 1004, Philippines.
 Environm Res & Training Ctr, Klongluang 12120, Pathumthani, Thailand.
 Univ Putra Malaysia, Fac Environm Studies, Dept Environm Sci, Serdang 43400, Selangor Darul, Malaysia.

Field: [BIOLOGY & BIOCHEMISTRY](#)

3 **Citations:** 123

RESEARCH FRONT

WEB OF SCIENCE

Title: SYNTHETIC POLYMERS IN THE MARINE ENVIRONMENT: A RAPIDLY INCREASING, LONG-TERM THREAT

Authors: MOORE CJ

Source: [ENVIRON RES](#)

108 (2): 131-139 OCT 2008

Addresses: Algalita Marine Res Fdn, Long Beach, CA 90803 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

4 **Citations:** 91

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROPLASTICS IN THE MARINE ENVIRONMENT

Authors: ANDRADY AL

Source: [MAR POLLUT BULL](#)

62 (8): 1596-1605 AUG 2011

Addresses: N Carolina State Univ, Dept Chem & Biomol Engn, Raleigh, NC 27695 USA.

Field: [ENVIRONMENT/ECOLOGY](#)



5 Citations: 79

RESEARCH FRONT

WEB OF SCIENCE

Title: PLASTIC ACCUMULATION IN THE NORTH ATLANTIC SUBTROPICAL GYRE

Authors: LAW KL; MORET-FERGUSON S; MAXIMENKO NA; PROSKUROWSKI G; PEACOCK EE; HAFNER J; REDDY CM

Source: [SCIENCE](#)
329 (5996): 1185-1188 SEP 3 2010

Addresses: Sea Educ Assoc, Woods Hole, MA 02543 USA.
Woods Hole Oceanog Inst, Dept Marine Chem & Geochem, Woods Hole, MA 02543 USA.
Univ Hawaii, Sch Ocean & Earth Sci & Technol, Int Pacific Res Ctr, Honolulu, HI 96822 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

6 Citations: 36

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROPLASTICS IN THE MARINE ENVIRONMENT: A REVIEW OF THE METHODS USED FOR IDENTIFICATION AND QUANTIFICATION

Authors: HIDALGO-RUZ V; GUTOW L; THOMPSON RC; THIEL M

Source: [ENVIRON SCI TECHNOL](#)
46 (6): 3060-3075 MAR 20 2012

Addresses: Univ Catolica Norte, Fac Ciencias Mar, Coquimbo, Chile.
Univ Valparaiso, Fac Ciencias Mar & Recursos Nat, Vina Del Mar, Chile.
Alfred Wegener Inst Polar & Marine Res, D-27515 Bremerhaven, Germany.
Univ Plymouth, Sch Marine Sci & Engn, Plymouth PL4 8AA, Devon, England.
CEAZA, Coquimbo, Chile.

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 23

RESEARCH FRONT

WEB OF SCIENCE

Title: THE PHYSICAL IMPACTS OF MICROPLASTICS ON MARINE ORGANISMS: A REVIEW

Authors: WRIGHT SL; THOMPSON RC; GALLOWAY TS

Source: [ENVIRON POLLUT](#)
178: 483-492 JUL 2013

Addresses: Univ Exeter, Coll Life & Environm Sci, Exeter EX4 4QD, Devon, England.



Univ Plymouth, Sch Marine Sci & Engn, Plymouth PL4 8AA,
Devon, England.

Field: [ENVIRONMENT/ECOLOGY](#)

8 Citations: 18

RESEARCH FRONT

WEB OF SCIENCE

Title: ACCUMULATION OF PLASTIC-DERIVED CHEMICALS IN
TISSUES OF SEABIRDS INGESTING MARINE PLASTICS

Authors: TANAKA K; TAKADA H; YAMASHITA R; MIZUKAWA
K; FUKUWAKA M; WATANUKI Y

Source: [MAR POLLUT BULL](#)
69 (1-2): 219-222 APR 15 2013

Addresses: Tokyo Univ Agr & Technol, Lab Organ Geochem, Fuchu, Tokyo
1838509, Japan.
Fisheries Res Agcy, Hokkaido Natl Fisheries Res Inst, Kushiro,
Hokkaido 0850802, Japan.
HOKKAIDO UNIV, FAC FISHERIES, HAKODATE,
HOKKAIDO 041, JAPAN.

Field: [ENVIRONMENT/ECOLOGY](#)

9 Citations: 16

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROPLASTIC INGESTION BY ZOOPLANKTON

Authors: COLE M; LINDEQUE P; FILEMAN E; HALSBAND
C; GOODHEAD R; MOGER J; GALLOWAY TS

Source: [ENVIRON SCI TECHNOL](#)
47 (12): 6646-6655 JUN 18 2013

Addresses: Plymouth Marine Lab, Plymouth PL1 3DH, Devon, England.
Akvaplan Niva AS, High North Res Ctr Climate & Environm,
N-9296 Tromso, Norway.
Univ Exeter, Coll Engn Math & Phys Sci Phys, Exeter EX4 4QL,
Devon, England.
Univ Exeter, Coll Life & Environm Sci Biosci, Exeter EX4 4QD,
Devon, England.

Field: [ENVIRONMENT/ECOLOGY](#)

10 Citations: 16

RESEARCH FRONT

WEB OF SCIENCE

Title: LIFE IN THE PLASTISPHERE : MICROBIAL COMMUNITIES
ON PLASTIC MARINE DEBRIS

Authors: ZETTLER ER; MINCER TJ; AMARAL-ZETTLER LA

Source: [ENVIRON SCI TECHNOL](#)
47 (13): 7137-7146 JUL 2 2013

Addresses: Sea Educ Assoc, Woods Hole, MA 02543 USA.



Woods Hole Oceanog Inst, Woods Hole, MA 02543 USA.
Marine Biol Lab, Josephine Bay Paul Ctr Comparat Mol Biol &
Evolut, Woods Hole, MA 02543 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

11 **Citations:** 15

RESEARCH FRONT

WEB OF SCIENCE

Title: LONG-TERM FIELD MEASUREMENT OF SORPTION OF ORGANIC CONTAMINANTS TO FIVE TYPES OF PLASTIC PELLETS: IMPLICATIONS FOR PLASTIC MARINE DEBRIS

Authors: ROCHMAN CM; HOH E; HENTSCHEL BT; KAYE S

Source: [ENVIRON SCI TECHNOL](#)
47 (3): 1646-1654 FEB 5 2013

Addresses: San Diego State Univ, Dept Biol, San Diego, CA 92182 USA.
San Diego State Univ, Coastal & Marine Inst, San Diego, CA 92182 USA.
San Diego State Univ, Grad Sch Publ Hlth, San Diego, CA 92182 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

12 **Citations:** 15

RESEARCH FRONT

WEB OF SCIENCE

Title: OCCURRENCE OF MICROPLASTICS IN THE GASTROINTESTINAL TRACT OF PELAGIC AND DEMERSAL FISH FROM THE ENGLISH CHANNEL

Authors: LUSHER AL; MCHUGH M; THOMPSON RC

Source: [MAR POLLUT BULL](#)
67 (1-2): 94-99 FEB 15 2013

Addresses: Univ Plymouth, Sch Marine Sci & Engn, Plymouth PL4 8AA, Devon, England.
Marine Biol Assoc UK, Plymouth PL1 2PB, Devon, England.

Field: [ENVIRONMENT/ECOLOGY](#)

13 **Citations:** 5

RESEARCH FRONT

WEB OF SCIENCE

Title: THE PRESENT AND FUTURE OF MICROPLASTIC POLLUTION IN THE MARINE ENVIRONMENT

Authors: DO SUL JAI; COSTA MF

Source: [ENVIRON POLLUT](#)
185: 352-364 FEB 2014

Addresses: Univ Fed Pernambuco, Dept Oceanog, Lab Gerenciamento Ecosystemas Costeiros & Estuar, BR-50740550 Recife, PE, Brazil.

Field: [ENVIRONMENT/ECOLOGY](#)



海洋环境高被引论文 10 篇

1 Citations: 202

WEB OF SCIENCE

Title: ANAEROBIC AMMONIUM OXIDATION (ANAMMOX) IN THE **MARINE ENVIRONMENT**

Authors: DALSGAARD T; THAMDRUP B; CANFIELD DE

Source: [RES MICROBIOL](#) 156 (4): 457-464 MAY 2005

Addresses: Natl Environm Res Inst, Dept Marine Ecol, DK-8600 Silkeborg, Denmark.
Univ So Denmark, Inst Biol, Danish Ctr Earth Syst Sci, DK-5230 Odense, Denmark.

Field: [MICROBIOLOGY](#)

2 Citations: 174

WEB OF SCIENCE

Title: ENVIRONMENTAL LEVELS, TOXICITY AND HUMAN EXPOSURE TO TRIBUTYL TIN (TBT)-CONTAMINATED **MARINE ENVIRONMENT**. A REVIEW

Authors: ANTIZAR-LADISLAO B

Source: [ENVIRON INT](#) 34 (2): 292-308 FEB 2008

Addresses: Univ Cantabria, Dept Water & Environm Sci & Technol, Torrelavega, Cantabria, Spain.

Field: [ENVIRONMENT/ECOLOGY](#)

3 Citations: 130

WEB OF SCIENCE

Title: THE ECOLOGY OF RAFTING IN THE **MARINE ENVIRONMENT**. II. THE RAFTING ORGANISMS AND COMMUNITY

Authors: THIEL M; GUTOW L

Source: [OCEANOGR MAR BIOL](#) 43: 279-418 2005

Addresses: Univ Catolica Norte, Fac Ciencias Mar, Coquimbo, Chile.
Ctr Estudios Avanzados Zonas Aridas, Coquimbo, Chile.
Alfred Wegener Inst Polar & Marine Res, Biol Anstalt Helgoland, D-27483 Helgoland, Germany.

Field: [PLANT & ANIMAL SCIENCE](#)

4 Citations: 123

RESEARCH FRONT

WEB OF SCIENCE

Title: SYNTHETIC POLYMERS IN THE **MARINE ENVIRONMENT**: A RAPIDLY INCREASING, LONG-TERM THREAT

Authors: MOORE CJ



Source: [ENVIRON RES](#) 108 (2): 131-139 OCT 2008

Addresses: Algalita Marine Res Fdn, Long Beach, CA 90803 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

5 Citations: 93

WEB OF SCIENCE

Title: MINI-REVIEW: QUORUM SENSING IN THE **MARINE ENVIRONMENT** AND ITS RELATIONSHIP TO BIOFOULING

Authors: DOBRETSOV S; TEPLITSKI M; PAUL V

Source: [BIOFOULING](#) 25 (5): 413-427 2009

Addresses: Sultan Qaboos Univ, Coll Agr & Marine Sci, Dept Marine Sci & Fisheries, Muscat, Oman.

Univ Florida, Dept Soil & Water Sci, Gainesville, FL USA.

Smithsonian Marine Stn, Ft Pierce, FL USA.

Field: [PLANT & ANIMAL SCIENCE](#)

6 Citations: 91

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROPLASTICS IN THE **MARINE ENVIRONMENT**

Authors: ANDRADY AL

Source: [MAR POLLUT BULL](#) 62 (8): 1596-1605 AUG 2011

Addresses: N Carolina State Univ, Dept Chem & Biomol Engr, Raleigh, NC 27695 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 86

WEB OF SCIENCE

Title: GLACIERS AS A SOURCE OF ANCIENT AND LABILE ORGANIC MATTER TO THE **MARINE ENVIRONMENT**

Authors: HOOD E; FELLMAN J; SPENCER RGM; HERNES PJ; EDWARDS R; DAMORE D; SCOTT D

Source: [NATURE](#) 462 (7276): 1044-U100 DEC 24 2009

Addresses: Univ Alaska SE, Environm Sci & Geog Program, Juneau, AK 99801 USA.

Univ Alaska Fairbanks, Inst Arctic Biol, Fairbanks, AK 99775 USA.

Univ Calif Davis, Dept Land Air & Water Resources, Davis, CA 95616 USA.

US Forest Serv, Pacific NW Res Stn, USDA, Juneau, AK 99801 USA.

Virginia Tech, Blacksburg, VA 24061 USA.

Field: [GEOSCIENCES](#)

8 Citations: 36

RESEARCH FRONT

WEB OF SCIENCE



Title: MICROPLASTICS IN THE **MARINE ENVIRONMENT**: A REVIEW OF THE METHODS USED FOR IDENTIFICATION AND QUANTIFICATION

Authors: HIDALGO-RUZ V; GUTOW L; THOMPSON RC; THIEL M

Source: [ENVIRON SCI TECHNOL](#) 46 (6): 3060-3075 MAR 20 2012

Addresses: Univ Catolica Norte, Fac Ciencias Mar, Coquimbo, Chile.
Univ Valparaiso, Fac Ciencias Mar & Recursos Nat, Vina Del Mar, Chile.
Alfred Wegener Inst Polar & Marine Res, D-27515 Bremerhaven, Germany.
Univ Plymouth, Sch Marine Sci & Engr, Plymouth PL4 8AA, Devon, England.
CEAZA, Coquimbo, Chile.

Field: [ENVIRONMENT/ECOLOGY](#)

9 Citations: 5

RESEARCH FRONT

WEB OF SCIENCE

Title: THE PRESENT AND FUTURE OF MICROPLASTIC POLLUTION IN THE **MARINE ENVIRONMENT**

Authors: DO SUL JAI; COSTA MF

Source: [ENVIRON POLLUT](#) 185: 352-364 FEB 2014

Addresses: Univ Fed Pernambuco, Dept Oceanog, Lab Gerenciamento Ecosistemas Costeiros & Estuar, BR-50740550 Recife, PE, Brazil.

Field: [ENVIRONMENT/ECOLOGY](#)

10 Citations: 4

WEB OF SCIENCE

Title: HIGHLY STABLE ORGANIC POLYMER FIELD-EFFECT TRANSISTOR SENSOR FOR SELECTIVE DETECTION IN THE **MARINE ENVIRONMENT**

Authors: KNOPFMACHER O; HAMMOCK ML; APPLETON AL; SCHWARTZ G; MEI JG; LEI T; PEI J; BAO ZN

Source: [NAT COMMUN](#) 5: - JAN 2014

Addresses: Stanford Univ, Dept Chem Engr, Stanford, CA 94305 USA.
Peking Univ, Coll Chem & Mol Engr, Minist Educ, Key Lab Bioorgan Chem & Mol Engr, Beijing Natl Lab, Beijing 100871, Peoples R China.

Field: [MATERIALS SCIENCE](#)



食品科学与工程学科

1 食品科学研究前沿与热点论文

食品科学研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
FOOD SCIENCE; METABOLOMIC ANALYSIS; NUTRITION RESEARCH; APPLICATIONS; METABOLOMICS	2	202	101.00	2008.5

1 Citations: 125

RESEARCH FRONT

WEB OF SCIENCE

Title: METABOLOMICS: APPLICATIONS TO FOOD SCIENCE AND NUTRITION RESEARCH

Authors: WISHART DS

Source: [TRENDS FOOD SCI TECHNOL](#)

19 (9): 482-493 2008

Addresses: Univ Alberta, Dept Comp Sci, Edmonton, AB T6G 2E8, Canada.
Univ Alberta, Dept Biol Sci, Edmonton, AB T6G 2E8, Canada.
Natl Inst Nanotechnol, Edmonton, AB T6G 2M9, Canada.

Field: [AGRICULTURAL SCIENCES](#)

2 Citations: 77

RESEARCH FRONT

WEB OF SCIENCE

Title: METABOLOMIC ANALYSIS IN FOOD SCIENCE: A REVIEW

Authors: CEVALLOS-CEVALLOS JM; REYES-DE-CORCUERA JI; ETXEBERRIA E; DANYLUK MD; RODRICK GE

Source: [TRENDS FOOD SCI TECHNOL](#)

20 (11-12): 557-566 DEC 2009

Addresses: Univ Florida, IFAS, Citrus Res & Educ Ctr, Lake Alfred, FL 33850 USA.
Univ Florida, Dept Food Sci & Human Nutr, Gainesville, FL 32611 USA.

Field: [AGRICULTURAL SCIENCES](#)



食品科学热点论文 1 篇

1 Citations: 6

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: OBSERVATIONS ON THE USE OF STATISTICAL METHODS IN **FOOD SCIENCE** AND TECHNOLOGY

Authors: GRANATO D; CALADO VMD; JARVIS B

Source: [FOOD RES INT](#) 55: 137-149 JAN 2014

Addresses: Univ Estadual Ponta Grossa, Food Sci & Technol Grad Programme, BR-84030900 Ponta Grossa, Brazil.

Univ Fed Rio de Janeiro, Sch Chem, Rio De Janeiro, Brazil.

Univ Reading, Dept Food & Nutr Sci, Sch Chem Food & Pharm, Reading RG6 6AP, Berks, England.

Field: [AGRICULTURAL SCIENCES](#)

2 食品安全研究前沿与高被引论文

食品安全研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
WILL CLIMATE CHANGE AFFECT MYCOTOXINS; CLIMATE CHANGE; CLIMATE CHANGE/FOOD SECURITY DEBATE; FOOD SECURITY; FOOD SAFETY	6	409	68.17	2010.0
EMERGENT BIOFILM CONTROL STRATEGIES; BIOFILM FORMATION; FOOD INDUSTRIES; FOOD SAFETY; SALMONELLA BIOFILMS	3	225	75.00	2010.3
FOOD CONTACT MATERIALS; ACTIVE FOOD PACKAGING; FOOD PACKAGING; FOOD SAFETY; AGAR/SILVER NANOPARTICLES COMPOSITE FILMS	4	159	39.75	2012.3
HIGH-RISK CLONES; POPULATION BIOLOGY; ANTIBIOTIC RESISTANCE; FOOD SAFETY; GRAM-POSITIVE PATHOGENS	2	95	47.50	2011.0



食品安全高被引论文 16 篇

1 Citations: 184 

WEB OF SCIENCE

Title: ENZYME INHIBITION-BASED BIOSENSORS FOR **FOOD SAFETY** AND ENVIRONMENTAL MONITORING
Authors: AMINE A; MOHAMMADI H; BOURAI I; PALLESCI G
Source: [BIOSENS BIOELECTRON](#) 21 (8): 1405-1423 FEB 15 2006
Addresses: Fac Sci & Tech, Lab Anal Chim & Biocapteurs, Mohammadia, Morocco.
Univ Roma Tor Vergata, Dipartimento Sci & Tecnol Chim, Rome, Italy.
Field: [CHEMISTRY](#)

2 Citations: 168 


WEB OF SCIENCE

Title: FITNESS OF HUMAN ENTERIC PATHOGENS ON PLANTS AND IMPLICATIONS FOR **FOOD SAFETY**
Authors: BRANDL MT
Source: [ANNU REV PHYTOPATHOL](#) 44: 367-392 2006
Addresses: USDA ARS, Produce Safety & Microbiol Res Unit, Albany, CA 94710 USA.
Field: [PLANT & ANIMAL SCIENCE](#)

3 Citations: 119 

WEB OF SCIENCE

Title: **FOODBORNE PATHOGENS IN MILK AND THE DAIRY FARM ENVIRONMENT: FOOD SAFETY AND PUBLIC HEALTH IMPLICATIONS**
Authors: OLIVER SP; JAYARAO BM; ALMEIDA RA
Source: [FOODBORNE PATHOG DIS](#) 2 (2): 115-129 SUM 2005
Addresses: Univ Tennessee, Food Safety Ctr Excellence, Knoxville, TN 37996 USA.
Univ Tennessee, Dept Anim Sci, Knoxville, TN 37901 USA.
Penn State Univ, Dept Vet Sci, University Pk, PA 16802 USA.
Field: [AGRICULTURAL SCIENCES](#)

4 Citations: 109 

RESEARCH FRONT

WEB OF SCIENCE

Title: APPLICATIONS OF NANOTECHNOLOGY IN FOOD PACKAGING AND **FOOD SAFETY**: BARRIER MATERIALS, ANTIMICROBIALS AND SENSORS
Authors: DUNCAN TV
Source: [J COLLOID INTERFACE SCI](#) 363 (1): 1-24 NOV 1 2011



Addresses: US FDA, Natl Ctr Food Safety & Technol, Bedford Pk, IL 60501 USA.

Field: [CHEMISTRY](#)

5 **Citations:** 96

RESEARCH FRONT

WEB OF SCIENCE

Title: CLIMATE CHANGE AND **FOOD SAFETY**: AN EMERGING ISSUE WITH SPECIAL FOCUS ON EUROPE

Authors: MIRAGLIA M; MARVIN HJP; KLETER GA; BATTILANI P; BRERA C; CONI E; CUBADDA F; CROCI L; DE SANTIS B; DEKKERS S; FILIPPI L; HUTJES RWA; NOORDAM MY; PISANTE M; PIVA G; PRANDINI A; TOTI L; VAN DEN BORN GJ; VESPERMANN A

Source: [FOOD CHEM TOXICOL](#) 47 (5): 1009-1021 SP. ISS. SI MAY 2009

Addresses: Italian Natl Inst Hlth ISS, Natl Ctr Food Qual & Risk Assessment, I-00166 Rome, Italy.
Univ Wageningen & Res Ctr, RIKILT Inst Food Safety, NL-6708 PD Wageningen, Netherlands.
Univ Cattolica Sacro Cuore, I-29100 Piacenza, Italy.
Natl Inst Publ Hlth & Environm RIVM, NL-3721 MA Bilthoven, Netherlands.
Univ Teramo, Dept Food Sci, Agron & Crop Sci Res & Educ Ctr, I-64023 Mosciano Sant Angelo, TE, Italy.
Netherlands Environm Assessment Agcy, Team Agr & Rural Areas, NL-3721 MA Bilthoven, Netherlands.
BfR Fed Inst Risk Assessment, D-14195 Berlin, Germany.

Field: [AGRICULTURAL SCIENCES](#)

6 **Citations:** 71

RESEARCH FRONT

WEB OF SCIENCE

Title: FROM BARNYARD TO FOOD TABLE: THE OMNIPRESENCE OF HEPATITIS E VIRUS AND RISK FOR ZOOONOTIC INFECTION AND **FOOD SAFETY**

Authors: MENG XJ

Source: [VIRUS RES](#) 161 (1): 23-30 SP. ISS. SI OCT 2011

Addresses: Virginia Polytech Inst & State Univ, Ctr Mol Med & Infect Dis, Dept Biomed Sci & Pathobiol, Blacksburg, VA 24061 USA.

Field: [MICROBIOLOGY](#)

7 **Citations:** 71

RESEARCH FRONT

WEB OF SCIENCE

Title: MYCOTOXIN PROBLEM IN AFRICA: CURRENT STATUS, IMPLICATIONS TO **FOOD SAFETY** AND HEALTH AND



POSSIBLE MANAGEMENT STRATEGIES

Authors: WAGACHA JM; MUTHOMI JW
Source: [INT J FOOD MICROBIOL](#) 124 (1): 1-12 MAY 10 2008
Addresses: Univ Bonn, Inst Crop Sci & Resource Conservat, Sect Phytomed,
 D-53115 Bonn, Germany.
 Univ Nairobi, Dept Plant Sci & Crop Protect, Nairobi, Kenya.
Field: [AGRICULTURAL SCIENCES](#)

8 Citations: 67

RESEARCH FRONT

WEB OF SCIENCE

Title: BIOFILM FORMATION AND **FOOD SAFETY** IN FOOD INDUSTRIES
Authors: SHI XM; ZHU XN
Source: [TRENDS FOOD SCI TECHNOL](#) 20 (9): 407-413 SP. ISS. SI SEP 2009
Addresses: Shanghai Jiao Tong Univ, Dept Food Sci & Technol, Shanghai 200240, Peoples R China.
 Shanghai Jiao Tong Univ, Bor Luh Food Safety Ctr, Shanghai 200240, Peoples R China.
 Shanghai Engn Res Ctr Food Safety, Shanghai 201203, Peoples R China.
Field: [AGRICULTURAL SCIENCES](#)

9 Citations: 60

WEB OF SCIENCE

Title: **FOOD SAFETY** HAZARDS ASSOCIATED WITH CONSUMPTION OF RAW MILK
Authors: OLIVER SP; BOOR KJ; MURPHY SC; MURINDA SE
Source: [FOODBORNE PATHOG DIS](#) 6 (7): 793-806 SEP 2009
Addresses: Univ Tennessee, Dept Anim Sci, Knoxville, TN 37996 USA.
 Cornell Univ, Dept Food Sci, Ithaca, NY 14853 USA.
 Calif State Polytech Univ Pomona, Anim & Vet Sci Dept, Pomona, CA 91768 USA.
 Calif State Polytech Univ Pomona, Ctr Antimicrobial Res & Food Safety, Pomona, CA 91768 USA.
Field: [AGRICULTURAL SCIENCES](#)

10 Citations: 53

RESEARCH FRONT

WEB OF SCIENCE

Title: CLIMATE CHANGE AND **FOOD SAFETY**: A REVIEW
Authors: TIRADO MC; CLARKE R; JAYKUS LA; MCQUATTERS-GOLLOP A; FRANKE JM
Source: [FOOD RES INT](#) 43 (7): 1745-1765 SP. ISS. SI AUG 2010



Addresses: Univ Calif Los Angeles, Sch Publ Hlth, Los Angeles, CA 90052 USA.
Food & Agr Org United Nations, I-00153 Rome, Italy.
N Carolina State Univ, Dept Food Bioproc & Nutr Sci, Raleigh, NC 27695 USA.
The Laboratory, Sir Alister Hardy Fdn Ocean Sci, Plymouth PL1 2PB, Devon, England.
Univ Surrey, Surrey GU2 7XH, England.

Field: [AGRICULTURAL SCIENCES](#)

11 **Citations:** 38

WEB OF SCIENCE

Title: GREEN TEA AND GRAPE SEED EXTRACTS - POTENTIAL APPLICATIONS IN **FOOD SAFETY** AND QUALITY

Authors: PERUMALLA AVS; HETTIARACHCHY NS

Source: [FOOD RES INT](#) 44 (4): 827-839 MAY 2011

Addresses: Univ Arkansas, Dept Food Sci, Fayetteville, AR 72704 USA.

Field: [AGRICULTURAL SCIENCES](#)

12 **Citations:** 37

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROBIOLOGICAL **FOOD SAFETY** ASSESSMENT OF HIGH HYDROSTATIC PRESSURE PROCESSING: A REVIEW

Authors: RENDUELES E; OMER MK; ALVSEIKE O; ALONSO-CALLEJA C; CAPITA R; PRIETO M

Source: [LWT-FOOD SCI TECHNOL](#) 44 (5): 1251-1260 JUN 2011

Addresses: Univ Leon, Fac Vet, Dept Food Hyg & Technol, E-24071 Leon, Spain.
Animalia Norwegian Meat & Poultry Res Ctr, N-0513 Oslo, Norway.

Field: [AGRICULTURAL SCIENCES](#)

13 **Citations:** 37

RESEARCH FRONT

WEB OF SCIENCE

Title: ENTEROCOCCI AS PROBIOTICS AND THEIR IMPLICATIONS IN **FOOD SAFETY**

Authors: FRANZ CMAP; HUCH M; ABRIOUEL H; HOLZAPFEL W; GALVEZ A

Source: [INT J FOOD MICROBIOL](#) 151 (2): 125-140 DEC 2 2011

Addresses: Max Rubner Inst, Fed Res Inst Nutr & Food, Dept Safety & Qual Fruit & Vegetables, D-76131 Karlsruhe, Germany.
Univ Jaen, Dept Ciencias Salud, Area Microbiol, Fac Ciencias Expt, Jaen 23071, Spain.
Handong Global Univ, Sch Life Sci, Pohang 791708,



Gyeongbuk, South Korea.

Field: [AGRICULTURAL SCIENCES](#)

14 **Citations:** 12

WEB OF SCIENCE

Title: SURFACE-ENHANCED RAMAN SPECTROSCOPY APPLIED TO **FOOD SAFETY**

Authors: CRAIG AP; FRANCA AS; IRUDAYARAJ J

Source: ANNU REV FOOD SCI TECHNOL 4: 369-380 2013

Addresses: PURDUE UNIV, W LAFAYETTE, IN 47907 USA.
Univ Fed Minas Gerais, BR-31270901 Belo Horizonte, MG, Brazil.

Field: [AGRICULTURAL SCIENCES](#)

15 **Citations:** 4

WEB OF SCIENCE

Title: OCCURRENCE OF FOUR MYCOTOXINS IN CEREAL AND OIL PRODUCTS IN YANGTZE DELTA REGION OF CHINA AND THEIR **FOOD SAFETY** RISKS

Authors: LI R; WANG X; ZHOU T; YANG DX; WANG Q; ZHOU Y

Source: [FOOD CONTROL](#) 35 (1): 117-122 JAN 2014

Addresses: Zhejiang Acad Agr Sci, State Key Lab Breeding Base Zhejiang Sustainable, Agr Minist Key Lab Pesticide Residue Detect, Zhejiang Prov Key Lab Food Safety, Inst Qual & Sta, Hangzhou 310021, Zhejiang, Peoples R China.
Agr & Agri Food Canada, Guelph Food Res Ctr, Guelph, ON N1G 5C9, Canada.
Tourism Coll Zhejiang, Hangzhou 310014, Zhejiang, Peoples R China.
Univ Guelph, Guelph, ON N1G 2W1, Canada.

Field: [AGRICULTURAL SCIENCES](#)

16 **Citations:** 3

WEB OF SCIENCE

Title: A COMPARISON OF THE NUTRITIONAL VALUE AND **FOOD SAFETY** OF ORGANICALLY AND CONVENTIONALLY PRODUCED WHEAT FLOURS

Authors: VRCEK IV; CEPO DV; RASIC D; PERAICA M; ZUNTAR I; BOJIC M; MENDAS G; MEDIC-SARIC M

Source: [FOOD CHEM](#) 143: 522-529 JAN 15 2014

Addresses: Inst Med Res & Occupat Hlth, Zagreb 10001, Croatia.
Univ Zagreb, Fac Pharm & Biochem, Zagreb 10001, Croatia.

Field: [AGRICULTURAL SCIENCES](#)



3 食品加工高被引论文

1 Citations: 160

WEB OF SCIENCE

Title: SUPERCRITICAL FLUIDS: TECHNOLOGY AND APPLICATION TO **FOOD PROCESSING**

Authors: BRUNNER G

Source: [J FOOD ENG](#) 67 (1-2): 21-33 MAR 2005

Addresses: Tech Univ Hamburg, D-21073 Hamburg, Germany.

Field: [AGRICULTURAL SCIENCES](#)

2 Citations: 106

WEB OF SCIENCE

Title: BIOHYDROGEN GAS PRODUCTION FROM **FOOD PROCESSING** AND DOMESTIC WASTEWATERS

Authors: VAN GINKEL SW; OH SE; LOGAN BE

Source: [INT J HYDROGEN ENERG](#) 30 (15): 1535-1542 DEC 2005

Addresses: Penn State Univ, Dept Civil & Environm Engn, University Pk, PA 16802 USA.

Penn State Univ, Penn State Hydrogen Energy Ctr, University Pk, PA 16802 USA.

Field: [ENGINEERING](#)

3 Citations: 103

WEB OF SCIENCE

Title: STABILITY OF MYCOTOXINS DURING **FOOD PROCESSING**

Authors: BULLERMAN LB; BIANCHINI A

Source: [INT J FOOD MICROBIOL](#) 119 (1-2): 140-146 OCT 20 2007

Addresses: Univ Nebraska, Dept Food Sci & Technol, Lincoln, NE 68583 USA.

Field: [AGRICULTURAL SCIENCES](#)

4 Citations: 81

WEB OF SCIENCE

Title: DIETARY FIBRE AND FIBRE-RICH BY-PRODUCTS OF **FOOD PROCESSING**: CHARACTERISATION, TECHNOLOGICAL FUNCTIONALITY AND COMMERCIAL APPLICATIONS: A REVIEW

Authors: ELLEUCH M; BEDIGIAN D; ROISEUX O; BESBES S; BLECKER C; ATTIA H

Source: [FOOD CHEM](#) 124 (2): 411-421 JAN 15 2011

Addresses: Ecole Natl Ingn Sfax, Dept Biol, Unite Anal Alimentaires, Sfax



3038, Tunisia.
Missouri Bot Garden, St Louis, MO 63166 USA.
Fac Univ Sci Agron Gembloux, Unite Technol Ind
Agroalimentaires, B-5030 Gembloux, Belgium.

Field: [AGRICULTURAL SCIENCES](#)

5 Citations: 58

WEB OF SCIENCE

Title: **FOOD PROCESSING A TOOL TO PESTICIDE RESIDUE
DISSIPATION - A REVIEW**

Authors: KAUSHIK G; SATYA S; NAIK SN

Source: [FOOD RES INT](#) 42 (1): 26-40 JAN 2009

Addresses: Indian Inst Technol Delhi, Ctr Rural Dev & Technol, New Delhi
110016, India.

Field: [AGRICULTURAL SCIENCES](#)

6 Citations: 16

WEB OF SCIENCE

Title: **GREEN TEA CATECHINS DURING FOOD
PROCESSING AND STORAGE: A REVIEW ON STABILITY
AND DETECTION**

Authors: ANANINGSIH VK; SHARMA A; ZHOU WB

Source: [FOOD RES INT](#) 50 (2): 469-479 SP. ISS. SI MAR 2013

Addresses: Natl Univ Singapore, Dept Chem, Food Sci & Technol Programme,
Singapore 117543, Singapore.

Field: [AGRICULTURAL SCIENCES](#)

4 植物蛋白高被引论文

1 Citations: 176

WEB OF SCIENCE

Title: **DECODING CA²⁺ SIGNALS THROUGH PLANT
PROTEIN KINASES**

Authors: HARPER JE; BRETON G; HARMON A

Source: [ANNU REV PLANT BIOL](#) 55: 263-288 2004

Addresses: Scripps Res Inst, Dept Cell Biol, La Jolla, CA 92037 USA.
Univ Florida, Dept Bot, Gainesville, FL 32611 USA.

Field: [PLANT & ANIMAL SCIENCE](#)

2 Citations: 158

WEB OF SCIENCE

Title: **ALMOST TOTAL REPLACEMENT OF FISH MEAL BY PLANT**



PROTEIN SOURCES IN THE DIET OF A MARINE TELEOST, THE EUROPEAN SEABASS, DICENTRARCHUS LABRAX

Authors: KAUSHIK SJ; COVES D; DUTTO G; BLANC D

Source: [AQUACULTURE](#) 230 (1-4): 391-404 FEB 16 2004

Addresses: IFREMER, Unite Mixte INRA, Fish Nutr Res Lab, Unite Hydrobiol, F-64310 St Pee Sur Nivelle, France.
IFREMER, Stn Expt Aquaculture, Mediterranean Finfish Res Lab, F-34250 Palavas Les Flots, France.

Field: [PLANT & ANIMAL SCIENCE](#)

3 **Citations:** 154

RESEARCH FRONT

WEB OF SCIENCE

Title: PLANT-MPLOC: A TOP-DOWN STRATEGY TO AUGMENT THE POWER FOR PREDICTING **PLANT PROTEIN** SUBCELLULAR LOCALIZATION

Authors: CHOU KC; SHEN HB

Source: [PLOS ONE](#) 5 (6): - JUN 28 2010

Addresses: Shanghai Jiao Tong Univ, Inst Image Proc & Pattern Recognit, Shanghai 200030, Peoples R China.
Gordon Life Sci Inst, San Diego, CA USA.

Field: [BIOLOGY & BIOCHEMISTRY](#)

4 **Citations:** 142

WEB OF SCIENCE

Title: PROTEIN GROWTH PERFORMANCE, AMINO ACID UTILISATION AND SOMATOTROPIC AXIS RESPONSIVENESS TO FISH MEAL REPLACEMENT BY **PLANT PROTEIN** SOURCES IN GILTHEAD SEA BREAM (SPARUS AURATA)

Authors: GOMEZ-REQUENI P; MINGARRO M; CALDUCH-GINER JA; MEDALE F; MARTIN SAM; HOULIHAN DF; KAUSHIK S; PEREZ-SANCHEZ J

Source: [AQUACULTURE](#) 232 (1-4): 493-510 APR 5 2004

Addresses: CSIC, Inst Acuicultura Torre Sal, Ribera De Cabanes 12595, Castellon, Spain.
IFREMER, INRA, Unitee Mixte, Lab Nutr Poissons, F-64310 St Pee Sur Nivelle, France.
Univ Aberdeen, Dept Zool, Aberdeen AB24 2TZ, Scotland.

Field: [PLANT & ANIMAL SCIENCE](#)



5 农产品的高被引论文

1 Citations: 31

RESEARCH FRONT

WEB OF SCIENCE

Title: SHAPE ANALYSIS OF AGRICULTURAL PRODUCTS: A REVIEW OF RECENT RESEARCH ADVANCES AND POTENTIAL APPLICATION TO COMPUTER VISION

Authors: COSTA C; ANTONUCCI F; PALLOTTINO F; AGUZZI J; SUN DW; MENESATTI P

Source: [FOOD BIOPROCESS TECHNOL](#) 4 (5): 673-692 JUL 2011

Addresses: CRA ING, Agr Engn Res Unit, Agr Res Council, I-00015 Rome, Italy.

Inst Ciencias Mar ICM CSIC, Barcelona 08003, Spain.

Univ Coll Dublin, Agr & Food Sci Ctr, Dublin 4, Ireland.

Field: [AGRICULTURAL SCIENCES](#)

6 水产品加工与储藏的研究论文

水产品加工研究论文 6 篇

第 1 条, 共 6 条

标题: Molecular and isotopic demonstration of the processing of aquatic products in northern European prehistoric pottery

作者: Craig, OE (Craig, O. E.); Forster, M (Forster, M.); Andersen, SH (Andersen, S. H.); Koch, E (Koch, E.); Crombe, P (Crombe, P.); Milner, NJ (Milner, N. J.); Stern, B (Stern, B.); Bailey, GN (Bailey, G. N.); Heron, CP (Heron, C. P.)

来源出版

物: ARCHAEOLOGY 卷: 49 页: 135-152 **DOI:** 10.1111/j.1475-4754.2007.00292.x 子

辑: 1 出版年: FEB 2007

入藏号: WOS:000244344700008

ISSN: 0003-813X

第 2 条, 共 6 条

标题: Trends in Processing Technologies for Dried Aquatic Products

作者: Wang, YQ (Wang, Yingqiang); Zhang, M (Zhang, Min); Mujumdar, AS (Mujumdar, Arun S.)

来源出版物: DRYING TECHNOLOGY 卷: 29 期: 4 页: 382-394 文献

号: **DOI:** 10.1080/07373937.2011.551624 出版年: 2011

入藏号: WOS:000288265000002

ISSN: 0737-3937



第 3 条, 共 6 条

标题: Aquatic products processing industry in China: Challenges and outlook

作者: Li, JR (Li, Jianrong); Lu, HX (Lu, Haixia); Zhu, JL (Zhu, Junli); Wang, YB (Wang, Yanbo); Li, XP (Li, Xuepeng)

来源出版物: TRENDS IN FOOD SCIENCE &

TECHNOLOGY 卷: 20 期: 2 页: 73-77 **DOI:** 10.1016/j.tifs.2008.09.008 出版年: FEB 2009

入藏号: WOS:000264699600003

ISSN: 0924-2244

第 4 条, 共 6 条

标题: Study of the hydrolytic acidification-SBR process in aquatic products processing wastewater treatment

作者: Ye, SQ (Ye, Shengquan); Wu, H (Wu, Hui); Zhang, CH (Zhang Chaohua); Qin, XM (Qin Xiaoming)

来源出版

物: DESALINATION 卷: 222 期: 1-3 页: 318-322 **DOI:** 10.1016/j.desal.2007.01.158 出版年: MAR 1 2008

入藏号: WOS:000254781100036

会议名称: Conference on Desalination and the Environment

会议日期: APR 22-25, 2007

会议地点: Halkidiki, GREECE

会议赞助商 : European Desalinat Soc, Ctr Res & Technol Hellas

ISSN: 0011-9164

第 5 条, 共 6 条

标题: THE AMOUNTS OF HYDROGEN-PEROXIDE CONTAINED IN AGRICULTURAL, STOCKBREEDING AND AQUATIC PRODUCTS AND THEIR PROCESSED FOODS

作者: TSUJI, S (TSUJI, S); NAKAMURA, Y (NAKAMURA, Y); TONOGAI, Y (TONOGAI, Y); SHIBATA, T (SHIBATA, T); UCHIBORI, N (UCHIBORI, N); KAWATA, M (KAWATA, M); KOBAYASHI, T (KOBAYASHI, T); SUZUKI, H (SUZUKI, H); MUROI, J (MUROI, J); SUZUKI, Y (SUZUKI, Y); KANETA, N (KANETA, N); SUZUKI, E (SUZUKI, E); MIYAMOTO, F (MIYAMOTO, F); ITO, Y (ITO, Y)

来源出版物: JOURNAL OF THE JAPANESE SOCIETY FOR FOOD SCIENCE AND TECHNOLOGY-NIPPON SHOKUHIN KAGAKU KOGAKU

KAISHI 卷: 37 期: 2 页: 111-123 出版年: 1990

入藏号: WOS:A1990CT56800005

ISSN: 1341-027X

第 6 条, 共 6 条

标题: Composition and Structure of Bacterial Communities in Waste Water of Aquatic Products Processing Factories



作者: Wang, ZH (Wang Zhonghua); Yang, JQ (Yang Jianqiang); Zhou, J (Zhou Jun); Zhang, CD (Zhang Chundan); Su, XR (Su Xiurong); Li, TW (Li Taiwu)

来源出版物: RESEARCH JOURNAL OF BIOTECHNOLOGY 卷: 9 期: 2 页: 65-70 出版年: FEB 2014

入藏号: WOS:000334936300012

ISSN: 0973-6263

水产品储藏研究论文 14 篇

第 1 条, 共 14 条

标题: A forecasting support system for aquatic products price in China

作者: Zhang, XS (Zhang, XS); Tao, H (Tao, H); Revell, B (Revell, B); Fu, ZT (Fu, ZT)

来源出版物: EXPERT SYSTEMS WITH APPLICATIONS 卷: 28 期: 1 页: 119-126 DOI: 10.1016/j.eswa.2004.08.012 出版年: JAN 2005

入藏号: WOS:000225261500011

ISSN: 0957-4174

第 2 条, 共 14 条

标题: Concentrations of biogenic amines in fish, squid and octopus and their changes during storage

作者: Hu, Y (Hu, Yue); Huang, ZY (Huang, Zhiyong); Li, J (Li, Jian); Yang, H (Yang, Hong)

来源出版物: FOOD CHEMISTRY 卷: 135 期: 4 页: 2604-2611 DOI: 10.1016/j.foodchem.2012.06.121 出版年: DEC 15 2012

入藏号: WOS:000309786400071

PubMed ID: 22980848

ISSN: 0308-8146

电子 ISSN: 1873-7072

第 3 条, 共 14 条

标题: Development and Application of Reverse Transcription Loop-Mediated Isothermal Amplification for Detecting Live *Shewanella putrefaciens* in Preserved Fish Sample

作者: Li, CH (Li, Chenghua); Ying, Q (Ying, Qi); Su, XR (Su, Xiurong); Li, TW (Li, Taiwu)

来源出版物: JOURNAL OF FOOD SCIENCE 卷: 77 期: 4 页: M226-M230 DOI: 10.1111/j.1750-3841.2012.02636.x 出版年: APR 2012

入藏号: WOS:000302998600041

PubMed ID: 22515249

ISSN: 0022-1147



第 4 条, 共 14 条

标题: Applications of non-destructive spectroscopic techniques for fish quality and safety evaluation and inspection

作者: Cheng, JH (Cheng, Jun-Hu); Dai, Q (Dai, Qiong); Sun, DW (Sun, Da-Wen); Zeng, XA (Zeng, Xin-An); Liu, D (Liu, Dan); Pu, HB (Pu, Hong-Bin)

来源出版物: TRENDS IN FOOD SCIENCE &

TECHNOLOGY 卷: 34 期: 1 页: 18-31 DOI: 10.1016/j.tifs.2013.08.005 出版年: NOV 2013

入藏号: WOS:000327563600002

ISSN: 0924-2244

第 5 条, 共 14 条

标题: Visualization of the Chilling Storage Time for Turbot Flesh Based on Hyperspectral Imaging Technique

作者: Zhu, FL (Zhu Feng-le); Zhang, HL (Zhang Hai-liang); Shao, YN (Shao Yong-ni); He, Y (He Yong)

来源出版物: SPECTROSCOPY AND SPECTRAL

ANALYSIS 卷: 34 期: 7 页: 1938-1942 DOI: 10.3964/j.issn.1000-0593(2014)07-1938-05 出版年: JUL 2014

入藏号: WOS:000338826600043

ISSN: 1000-0593

第 6 条, 共 14 条

标题: The Development of Infrared Microspectroscopy (IMS) and Its Applications in Agricultural and Aquatic Products

作者: You, ZH (You, Zhaohong); Cheng, F (Cheng, Fang)

来源出版物: APPLIED SPECTROSCOPY

REVIEWS 卷: 49 期: 1 页: 83-96 DOI: 10.1080/05704928.2013.798803 出版年: JAN 2014

入藏号: WOS:000321811000004

ISSN: 0570-4928

第 7 条, 共 14 条

标题: Simultaneous determination of four aliphatic amines in aquatic products by ultrasound-assisted dispersive liquid-liquid microextraction coupled with high performance capillary electrophoresis

作者: Xie, J (Xie, Juan); Li, YX (Li, Yongxin); Zhang, J (Zhang, Jing); Zeng, L (Zeng, Li); Lu, D (Lu, Dan); Liu, YP (Liu, Yapan); Yang, Y (Yang, Yi); Sun, CJ (Sun, Chengjun)

来源出版物: ANALYTICAL

METHODS 卷: 6 期: 14 页: 5140-5146 DOI: 10.1039/c4ay00509k 出版年: 2014

入藏号: WOS:000338438500028

ISSN: 1759-9660



电子 ISSN: 1759-9679

第 8 条, 共 14 条

标题: Research on Things Technology-Based Agricultural Products Cold Chain Logistics Security

作者: Wang, HB (Wang, Hanbin); Chen, QY (Chen, Qiuyan)

编者: Chang W; Zhang T

来源出版物: 2013 FOURTH INTERNATIONAL CONFERENCE ON EDUCATION AND SPORTS EDUCATION (ESE 2013), PT II **丛书:** Lecture Notes in Management Science

卷: 12 **页:** 317-322 **出版年:** 2013

入藏号: WOS:000339165700062

会议名称: 4th International Conference on Education and Sports Education (ESE)

会议日期: APR 11-12, 2013

会议地点: Hong Kong, PEOPLES R CHINA

会议赞助商 : Hong Kong Educ Soc, Singapore Management & Sports Sci Inst

ISSN: 2251-3051

ISBN: 978-981-07-3900-3

第 9 条, 共 14 条

标题: Chitosan extends the shelf-life of filleted tilapia (*Oreochromis niloticus*) during refrigerated storage

作者: Cao, R (Cao Rong); Liu, Q (Liu Qi); Yin, BZ (Yin Bangzhong); Wu, B (Wu Biao)

来源出版物: JOURNAL OF OCEAN UNIVERSITY OF

CHINA **卷:** 11 **期:** 3 **页:** 408-412 **DOI:** 10.1007/s11802-012-1923-9 **出版年:** SEP 2012

入藏号: WOS:000306953300019

ISSN: 1672-5182

第 10 条, 共 14 条

标题: Changes in the Physicochemical and Volatile Flavor Characteristics of *Scomberomorus niphonius* during Chilled and Frozen Storage

作者: Zhang, B (Zhang, Bin); Deng, SG (Deng, Shang-Gui); Lin, HM (Lin, Hui-Min)

来源出版物: FOOD SCIENCE AND TECHNOLOGY

RESEARCH **卷:** 18 **期:** 5 **页:** 747-754 **出版年:** SEP 2012

入藏号: WOS:000310098300020

ISSN: 1344-6606

第 11 条, 共 14 条

标题: Characterization of the dynamic changes of microorganisms in cutlassfish (*Trichiurus haumela*) under the cold storage with composite natural preservatives based on culture-dependent and 16S rRNA-DGGE technology

作者: Lan, WQ (Lan Wei-qing); Xie, J (Xie Jing)



编者: Chen S; Liu ZT; Zeng QZ

来源出版物: ADVANCES IN CHEMISTRY RESEARCH II, PTS 1-3 丛书: Advanced Materials

Research 卷: 554-556 页: 1498-1506 DOI: 10.4028/www.scientific.net/AMR.554-556.1498 出版年: 2012

入藏号: WOS:000319169701015

会议名称: 2nd International Conference on Chemical Engineering and Advanced Materials (CEAM 2012)

会议日期: JUL 13-15, 2012

会议地点: Guangzhou, PEOPLES R CHINA

会议赞助商 : Guangzhou Univ, Guangdong Univ Technol, Wuyi Univ, Guangdong Univ Petrochemical Technol, Sun Yat Sen Univ, Fine Chem Res Inst, Chem Ind & Engr Soc Guangdong, Zhongkai Univ Agr Engr, Natl Nat Sci Fdn

ISSN: 1022-6680

ISBN: 978-3-03785-456-3

第 12 条, 共 14 条

标题: Production and Characterization of Egg Yolk Antibodies (Igy) Against Two Specific Spoilage Organisms (SSO) in Aquatic Products

作者: Xu, YF (Xu, Yafu); Lin, H (Lin, Hong); Sui, JX (Sui, Jianxin); Cao, LM (Cao, Limin)

编者: Wang D

来源出版物: MATERIALS FOR ENVIRONMENTAL PROTECTION AND ENERGY APPLICATION, PTS 1 AND 2 丛书: Advanced Materials

Research 卷: 343-344 页: 519-529 DOI:10.4028/www.scientific.net/AMR.343.344.519 子辑: 1-2 出版年: 2012

入藏号: WOS:000309383700088

会议名称: International Conference on Materials for Environmental Protection and Energy Application (MEPEA)

会议日期: SEP 27-28, 2011

会议地点: Kuala Lumpur, MALAYSIA

ISSN: 1022-6680

ISBN: 978-3-03785-256-9

第 13 条, 共 14 条

标题: A hybrid model for forecasting aquatic products short-term price integrated wavelet neural network with genetic algorithm

作者: Hu, T (Hu, T); Zhang, XS (Zhang, XS); Hou, YX (Hou, YX); Mu, WS (Mu, WS); Fu, ZT (Fu, ZT)

编者: Wang L; Chen K; Ong YS

来源出版物: ADVANCES IN NATURAL COMPUTATION, PT 2, PROCEEDINGS 丛书: LECTURE NOTES IN COMPUTER SCIENCE 卷: 3611 页: 352-360 出版年: 2005



入藏号: WOS:000232222500052

会议名称: 1st International Conference on Natural Computation (ICNC 2005)

会议日期: AUG 27-29, 2005

会议地点: Changsha, PEOPLES R CHINA

会议赞助商 : Xiangtang Univ, IEEE Circuits & Syst Soc, IEEE Computat Intelligence Soc, IEEE Control Syst Soc, Int Neural Network Soc, European Neural Network Soc, Chinese Assoc Artificial Intelligence, Japanese Neural Network Soc, Int Fuzzy Syst Assoc, Asia Pacific Neural Network Assembly, Fuzzy Math & Syst Assoc China, Hunan Comp Federat

ISSN: 0302-9743

ISBN: 3-540-28325-0

第 14 条, 共 14 条

标题: Development of an early-warning system for risk management in aquatic products market, China

作者: Zhang, XS (Zhang, XS); Shi, Y (Shi, Y); Fu, ZT (Fu, ZT)

书籍团体作者: IEEE

来源出版物: OCEANS '04 MTS/IEEE TECHNO-OCEAN '04, VOLS 1- 2, CONFERENCE PROCEEDINGS, VOLS. 1-4 页: 461-469 出版年: 2004

入藏号: WOS:000227674100080

会议名称: Oceans '04 MTS/IEEE Techno-Ocean '04 Conference

会议日期: NOV 09-12, 2004

会议地点: Kobe, JAPAN

会议赞助商 : IEEE, OES, TON, JAMSTEC, Korea Convent Vis Assoc, AESTO, CEROS

ISBN: 0-7803-8669-8

Agricultural products processing (13 篇)

第 1 条, 共 14 条

标题: Process for obtaining cellulose acetate from agricultural by-products

作者: Biswas, A (Biswas, A); Saha, BC (Saha, BC); Lawton, JW (Lawton, JW); Shogren, RL (Shogren, RL); Willett, JL (Willett, JL)

来源出版物: CARBOHYDRATE

POLYMERS 卷: 64 期: 1 页: 134-137 DOI: 10.1016/j.carbpol.2005.11.002 出版年: APR 19 2006

入藏号: WOS:000237721300020

ISSN: 0144-8617

第 2 条, 共 14 条

标题: Image processing method to determine surface area and volume of axi-symmetric agricultural products

作者: Sabliov, CM (Sabliov, CM); Boldor, D (Boldor, D); Keener, KM (Keener, KM); Farkas,



BE (Farkas, BE)

来源出版物: INTERNATIONAL JOURNAL OF FOOD

PROPERTIES 卷: 5 期: 3 页: 641-653 DOI: 10.1081/JFP-120015498 出版年: 2002

入藏号: WOS:000178879300013

ISSN: 1094-2912

第 3 条, 共 14 条

标题: Agricultural recycling of the by-product concentrate of livestock wastewater treatment plant processed with VSEP RO and bio-ceramic SBR

作者: Yoon, Y (Yoon, Y); Ok, YS (Ok, YS); Kim, DY (Kim, DY); Kim, JG (Kim, JG)

来源出版物: WATER SCIENCE AND TECHNOLOGY 卷: 49 期: 5-6 页: 405-412 出版年: 2004

入藏号: WOS:000221464200053

PubMed ID: 15137451

会议名称: 6th IWA Specialty Symposium on Strong Nitrogenous and Agro-Wastewater

会议日期: JUN 11-13, 2003

会议地点: Seoul, SOUTH KOREA

会议赞助商 : IWA

ISSN: 0273-1223

第 4 条, 共 14 条

标题: Metabolic stress disinfection and disinfestation (MSDD): a new, non-thermal, residue-free process for fresh agricultural products

作者: Lagunas-Solar, MC (Lagunas-Solar, Manuel C.); Essert, TK (Essert, Timothy K.); U, CP (U, Cecilia Pina); Zeng, NX (Zeng, Nolan X.); Truong, TD (Truong, Tin D.)

来源出版物: JOURNAL OF THE SCIENCE OF FOOD AND

AGRICULTURE 卷: 86 期: 12 页: 1814-1825 DOI: 10.1002/jsfa.2538 出版年: SEP 2006

入藏号: WOS:000240412500010

ISSN: 0022-5142

第 5 条, 共 14 条

标题: Inverse finite element analysis of technological processes of heat and mass transport in agricultural and forest products

作者: Weres, J (Weres, J); Olek, W (Olek, W)

来源出版物: DRYING

TECHNOLOGY 卷: 23 期: 8 页: 1737-1750 DOI: 10.1081/DRT-200065191 出版年: 2005

入藏号: WOS:000231614000011

会议名称: 10th Polish Drying Symposium

会议日期: SEP, 2003

会议地点: Lodz, POLAND



ISSN: 0737-3937

第 6 条, 共 14 条

标题: Effects of chemical compositions and ensiling on the biogas productivity and degradation rates of agricultural and food processing by-products

作者: Kafle, GK (Kafle, Gopi Krishna); Kim, SH (Kim, Sang Hun)

来源出版物: BIORESOURCE

TECHNOLOGY 卷: 142 页: 553-561 **DOI:** 10.1016/j.biortech.2013.05.018 出版年: AUG 2013

入藏号: WOS:000322292800075

PubMed ID: 23770534

ISSN: 0960-8524

第 7 条, 共 14 条

标题: Silage from agricultural by-products in Thailand: Processing and Storage

作者: Suksombat, W (Suksombat, W); Lounglawan, P (Lounglawan, P)

来源出版物: ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL

SCIENCES 卷: 17 期: 4 页: 473-478 出版年: APR 2004

入藏号: WOS:000188505700006

ISSN: 1011-2367

第 8 条, 共 14 条

标题: EXPORT SUCCESS DETERMINANTS IN THE NEW PRODUCT DEVELOPMENT PROCESS FOR EXPORTED AGRICULTURAL PRODUCTS - EVIDENCE FROM THE DUTCH SEED POTATO INDUSTRY

作者: LAMONT, JTJ (LAMONT, JTJ)

来源出版物: AGRICULTURAL

SYSTEMS 卷: 41 期: 4 页: 455-474 **DOI:** 10.1016/0308-521X(93)90045-4 出版年: 1993

入藏号: WOS:A1993KM91300003

ISSN: 0308-521X

第 9 条, 共 14 条

标题: Endocrine disruptors compounds, pharmaceuticals and personal care products in urban wastewater: implications for agricultural reuse and their removal by adsorption process

作者: Grassi, M (Grassi, Mariangela); Rizzo, L (Rizzo, Luigi); Farina, A (Farina, Anna)

来源出版物: ENVIRONMENTAL SCIENCE AND POLLUTION

RESEARCH 卷: 20 期: 6 页: 3616-3628 **DOI:** 10.1007/s11356-013-1636-7 出版年: JUN 2013

入藏号: WOS:000318779200011

PubMed ID: 23532534

作者识别号:



作者	ResearcherID 号	ORCID 号
Rizzo, Luigi	A-6286-2008	

ISSN: 0944-1344

第 10 条, 共 14 条

标题: Cocomposting of crawfish and agricultural processing by-products

作者: Minkara, MY (Minkara, MY); Lawson, TB (Lawson, TB); Breitenbeck, GA (Breitenbeck, GA); Cochran, BJ (Cochran, BJ)

来源出版物: COMPOST SCIENCE & UTILIZATION 卷: 6 期: 1 页: 67-74 出版年: WIN 1998

入藏号: WOS:000072784700009

ISSN: 1065-657X

第 11 条, 共 14 条

标题: Influence of yearly variability of agricultural products on calibration process: A triticale example

作者: Igne, B (Igne, B.); Gibson, LR (Gibson, L. R.); Rippke, GR (Rippke, G. R.); Hurburgh, CR (Hurburgh, C. R., Jr.)

来源出版物: CEREAL

CHEMISTRY 卷: 84 期: 6 页: 576-581 DOI: 10.1094/CCHEM-84-6-0576 出版年: NOV-DEC 2007

入藏号: WOS:000251529300007

ISSN: 0009-0352

第 12 条, 共 14 条

标题: Rapid analysis of fungicides in agricultural products and processed foods by applying an accelerated solvent extraction system

作者: Kakimoto, S (Kakimoto, S); Obana, H (Obana, H); Okihashi, M (Okihashi, M); Hori, S (Hori, S)

来源出版物: JOURNAL OF THE FOOD HYGIENIC SOCIETY OF JAPAN 卷: 38 期: 5 页: 358-362 出版年: OCT 1997

入藏号: WOS:000072346600012

ISSN: 0015-6426

第 13 条, 共 14 条

标题: THE AMOUNTS OF HYDROGEN-PEROXIDE CONTAINED IN AGRICULTURAL, STOCKBREEDING AND AQUATIC PRODUCTS AND THEIR PROCESSED FOODS

作者: TSUJI, S (TSUJI, S); NAKAMURA, Y (NAKAMURA, Y); TONOGAI, Y (TONOGAI, Y); SHIBATA, T (SHIBATA, T); UCHIBORI, N (UCHIBORI, N); KAWATA, M (KAWATA, M); KOBAYASHI, T (KOBAYASHI, T); SUZUKI, H (SUZUKI, H); MUROI, J (MUROI, J);



SUZUKI, Y (SUZUKI, Y); KANETA, N (KANETA, N); SUZUKI, E (SUZUKI, E);
MIYAMOTO, F (MIYAMOTO, F); ITO, Y (ITO, Y)

来源出版物: JOURNAL OF THE JAPANESE SOCIETY FOR FOOD SCIENCE AND
TECHNOLOGY-NIPPON SHOKUHIN KAGAKU KOGAKU

KAISHI 卷: 37 期: 2 页: 111-123 出版年: 1990

入藏号: WOS:A1990CT56800005

ISSN: 1341-027X

第 14 条, 共 14 条

标题: The application of superheated steam impingement blanching (SSIB) in agricultural
products processing - A review

作者: Xiao, HW (Xiao, Hong-Wei); Bai, JW (Bai, Jun-Wen); Sun, DW (Sun, Da-Wen); Gao, ZJ
(Gao, Zhen-Jiang)

来源出版物: JOURNAL OF FOOD

ENGINEERING 卷: 132 页: 39-47 DOI: 10.1016/j.jfoodeng.2014.01.032 出版年: JUL 2014

入藏号: WOS:000334979100005

ISSN: 0260-8774

电子 ISSN: 1873-5770

农产品储藏 "Agricultural products" and storage (2 篇)

第 1 条, 共 2 条

标题: Review of solar dryers with latent heat storage systems for agricultural products

作者: Bal, LM (Bal, Lalit M.); Satya, S (Satya, Santosh); Naik, SN (Naik, S. N.); Meda, V (Meda,
Venkatesh)

来源出版物: RENEWABLE & SUSTAINABLE ENERGY

REVIEWS 卷: 15 期: 1 页: 876-880 DOI: 10.1016/j.rser.2010.09.006 出版年: JAN 2011

入藏号: WOS:000284863100082

ISSN: 1364-0321

第 2 条, 共 2 条

标题: A Mathematical model for the cold storage of agricultural products

作者: Meneghetti, CR (Meneghetti, Carlos Renato); Tizzei, A (Tizzei, Alexandre); Cappelli, NL
(Cappelli, Nelson Luis); Umezu, CK (Umezu, Claudio Kiyoshi); Bezzon, G (Bezzon, Guilherme)

来源出版物: REVISTA CIENCIA AGRONOMICA 卷: 44 期: 2 页: 286-293 出版
年: APR-JUN 2013

入藏号: WOS:000314990700010

ISSN: 0045-6888



7 发酵热点论文与研究前沿

发酵的热点论文 1 篇

1 Citations: 21

HOT PAPER

WEB OF SCIENCE

Title: COMPLEX MICROBIOTA OF A CHINESE FEN LIQUOR **FERMENTATION** STARTER (FEN-DAQU), REVEALED BY CULTURE-DEPENDENT AND CULTURE-INDEPENDENT METHODS

Authors: ZHENG XW; YAN Z; HAN BZ; ZWIETERING MH; SAMSON RA; BOEKHOUT T; NOUT MJR

Source: [FOOD MICROBIOL](#) 31 (2): 293-300 SEP 2012

Addresses: Wageningen Univ, Food Microbiol Lab, NL-6700 EV Wageningen, Netherlands.
China Agr Univ, Coll Food Sci & Nutr Engrn, Beijing 100083, Peoples R China.
Royal Netherlands Acad Arts & Sci KNAW, CBS Fungal Biodivers Ctr, NL-3584 CT Utrecht, Netherlands.

Field: [AGRICULTURAL SCIENCES](#)

发酵研究前沿

研究前沿	论文数	被引频次	篇均被引次数	平均年
SWEET SORGHUM CULTIVARS GROWN; SWEET SORGHUM STEMS; SWEET SORGHUM JUICE; ETHANOL FERMENTATION TECHNOLOGIES; ETHANOL FERMENTATION	4	353	88.25	2010.0

1 Citations: 237

RESEARCH FRONT

WEB OF SCIENCE

Title: ETHANOL FERMENTATION TECHNOLOGIES FROM SUGAR AND STARCH FEEDSTOCKS

Authors: BAI FW; ANDERSON WA; MOO-YOUNG M

Source: [BIOTECHNOL ADV](#) 26 (1): 89-105 JAN-FEB 2008

Addresses: Univ Waterloo, Dept Chem Engrn, Waterloo, ON N2L 3G1, Canada.
Dalian Univ Technol, Dept Biosci & Bioengn, Dalian



116023, Peoples R China.

Field: [BIOLOGY & BIOCHEMISTRY](#)

2 **Citations:** 59

RESEARCH FRONT

WEB OF SCIENCE

Title: BIOMASS YIELD AND CHANGES IN CHEMICAL COMPOSITION OF SWEET SORGHUM CULTIVARS GROWN FOR BIOFUEL

Authors: ZHAO YL; DOLAT A; STEINBERGER Y; WANG X; OSMAN A; XIE GH

Source: [FIELD CROP RES](#)

111 (1-2): 55-64 MAR 15 2009

Addresses: China Agr Univ, Coll Agron & Biotechnol, Beijing 100193, Peoples R China.
China Agr Univ, Biomass Engr Ctr, Beijing 100193, Peoples R China.
Bar Ilan Univ, Mina & Everard Goodman Fac Life Sci, IL-52900 Ramat Gan, Israel.
Xinjiang Tarim Univ, Coll Plant Sci & Technol, Tarim 843300, Peoples R China.

Field: [AGRICULTURAL SCIENCES](#)

3 **Citations:** 47

RESEARCH FRONT

WEB OF SCIENCE

Title: FEATURES OF SWEET SORGHUM JUICE AND THEIR PERFORMANCE IN ETHANOL FERMENTATION

Authors: WU XR; STAGGENBORG S; PROPHETER JL; ROONEY WL; YU JM; WANG DH

Source: [IND CROPS PRODUCTS](#)

31 (1): 164-170 JAN 2010

Addresses: Kansas State Univ, Dept Biol & Agr Engr, Manhattan, KS 66506 USA.
Kansas State Univ, Dept Agron, Manhattan, KS 66502 USA.
Texas A&M Univ, Dept Soil & Crop Sci, College Stn, TX 77845 USA.

Field: [AGRICULTURAL SCIENCES](#)

4 **Citations:** 10

RESEARCH FRONT

WEB OF SCIENCE

Title: A DEMONSTRATION STUDY OF ETHANOL PRODUCTION FROM SWEET SORGHUM STEMS WITH ADVANCED SOLID STATE FERMENTATION TECHNOLOGY

Authors: LI SZ; LI GM; ZHANG L; ZHOU ZX; HAN B; HOU WH; WANG JB; LI TC



Source: [APPL ENERG](#)
102: 260-265 SP. ISS. SI FEB 2013

Addresses: Tsinghua Univ, Inst Nucl & New Energy Technol, Beijing
100084, Peoples R China.

Field: [ENGINEERING](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
SELECTED NON-SACCHAROMYCES WINE YEASTS; MIXED TORULASPORA DELBRUECKII-SACCHAROMYCES CEREVISIAE CULTURE; MIXED CULTURE FERMENTATION; WINE YEASTS; SACCHAROMYCES CEREVISIAE	5	263	52.60	2010.0

1 Citations: 83

RESEARCH FRONT

WEB OF SCIENCE

Title: WINE YEASTS FOR THE FUTURE

Authors: FLEET GH

Source: [FEMS YEAST RES](#)
8 (7): 979-995 NOV 2008

Addresses: Univ New S Wales, Sch Chem Sci & Engn, Sydney, NSW
2052, Australia.

Field: [PLANT & ANIMAL SCIENCE](#)

2 Citations: 68

RESEARCH FRONT

WEB OF SCIENCE

Title: IMPACT OF MIXED TORULASPORA
DELBRUECKII-SACCHAROMYCES CEREVISIAE CULTURE
ON HIGH-SUGAR FERMENTATION

Authors: BELY M; STOECKLE P; MASNEUF-POMAREDE
I; DUBOURDIEU D

Source: [INT J FOOD MICROBIOL](#)
122 (3): 312-320 MAR 20 2008

Addresses: Univ Bordeaux 2, UMR 1219 Oenol, INRA, ISVV, F-33400
Talence, France.
ENITA Bordeaux, F-33175 Gradignan, France.

Field: [AGRICULTURAL SCIENCES](#)

3 Citations: 63

RESEARCH FRONT

WEB OF SCIENCE



Title: CONTROLLED MIXED CULTURE FERMENTATION: A NEW PERSPECTIVE ON THE USE OF NON-SACCHAROMYCES YEASTS IN WINEMAKING

Authors: CIANI M; COMITINI F; MANNAZZU I; DOMIZIO P

Source: [FEMS YEAST RES](#)
10 (2): 123-133 MAR 2010

Addresses: Univ Politecn Marche, Sez Microbiol Alimentare Ind & Ambientale, Dipartimento SAIFET, I-60131 Ancona, Italy.
Univ Sassari, Dipartimento Sci Ambientali Agr & Biotecnol Agroa, I-07100 Sassari, Italy.
Univ Florence, Dipartimento Biotecnol Agr, Florence, Italy.

Field: [PLANT & ANIMAL SCIENCE](#)

4 Citations: 40

RESEARCH FRONT

WEB OF SCIENCE

Title: SELECTED NON-SACCHAROMYCES WINE YEASTS IN CONTROLLED MULTISTARTER FERMENTATIONS WITH SACCHAROMYCES CEREVISIAE

Authors: COMITINI F; GOBBI M; DOMIZIO P; ROMANI C; LENCIONI L; MANNAZZU I; CIANI M

Source: [FOOD MICROBIOL](#)
28 (5): 873-882 AUG 2011

Addresses: Univ Politecn Marche, Sez Microbiol Alimentare Ind & Ambientale, Dipartimento SAIFET, I-60131 Ancona, Italy.
Univ Florence, Dipartimento Biotecnol Agr, I-50144 Florence, Italy.
Consorzio Tuscania, I-50100 Florence, Italy.
Univ Sassari, Dipartimento Sci Ambientali Agr & Biotecnol Agroa, I-07100 Sassari, Italy.

Field: [AGRICULTURAL SCIENCES](#)

5 Citations: 9

RESEARCH FRONT

WEB OF SCIENCE

Title: LACHANCEA THERMOTOLERANS AND SACCHAROMYCES CEREVISIAE IN SIMULTANEOUS AND SEQUENTIAL CO-FERMENTATION: A STRATEGY TO ENHANCE ACIDITY AND IMPROVE THE OVERALL QUALITY OF WINE

Authors: GOBBI M; COMITINI F; DOMIZIO P; ROMANI C; LENCIONI L; MANNAZZU I; CIANI M

Source: [FOOD MICROBIOL](#)
33 (2): 271-281 APR 2013

Addresses: Univ Politecn Marche, Dipartimento Sci Vita & Ambiente DiSVA, I-60131 Ancona, Italy.



Univ Florence, Dipartimento Biotecnol Agr, I-50144
Florence, Italy.
Consorzio Tuscania, I-50100 Florence, Italy.
Univ Sassari, Dipartimento Agr, I-07100 Sassari, Italy.

Field: [AGRICULTURAL SCIENCES](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
LACTIC ACID FERMENTATION; LACTIC ACID BACTERIA; FOOD PHENOLICS; FRUITS; EXPLOITATION	2	92	46.00	2011.0

1 Citations: 83

RESEARCH FRONT

WEB OF SCIENCE

Title: FOOD PHENOLICS AND LACTIC ACID BACTERIA
Authors: RODRIGUEZ H; CUIRIEL JA; LANDETE JM; DE LAS RIVAS B; DE FELIPE FL; GOMEZ-CORDOVES C; MANCHENO JM; MUNOZ R
Source: [INT J FOOD MICROBIOL](#)
132 (2-3): 79-90 JUN 30 2009
Addresses: CSIC, Inst Fermentac Ind, Dept Microbiol, E-28006 Madrid, Spain.
CSIC, Grp Biotecnol Bacterias Lact Prod Fermentados, Inst Frio, E-28040 Madrid, Spain.
CSIC, Inst Rocasolano, Grp Cristallog Macromol & Biol Estruct, E-28006 Madrid, Spain.

Field: [AGRICULTURAL SCIENCES](#)

2 Citations: 9

RESEARCH FRONT

WEB OF SCIENCE

Title: EXPLOITATION OF VEGETABLES AND FRUITS THROUGH LACTIC ACID FERMENTATION
Authors: DI CAGNO R; CODA R; DE ANGELIS M; GOBBETTI M
Source: [FOOD MICROBIOL](#)
33 (1): 1-10 FEB 2013
Addresses: Univ Bari Aldo Moro, Dept Soil Plant & Food Sci, I-70126 Bari, Italy.
Field: [AGRICULTURAL SCIENCES](#)

研究前沿	论文数	被引频次	篇均被引次数	平均年
KIMCHI FERMENTATION;	3	57	19.00	2012.3



FERMENTATION; MICROBIAL
COMMUNITIES; MICROBIAL
SUCCESSION; KIMCHI

1 Citations: 27

RESEARCH FRONT

WEB OF SCIENCE

Title: EFFECTS OF LEUCONOSTOC MESENTEROIDES STARTER CULTURES ON MICROBIAL COMMUNITIES AND METABOLITES DURING KIMCHI FERMENTATION

Authors: JUNG JY; LEE SH; LEE HJ; SEO HY; PARK WS; JEON CO

Source: [INT J FOOD MICROBIOL](#)
153 (3): 378-387 FEB 15 2012

Addresses: Chung Ang Univ, Sch Biol Sci, Seoul 156756, South Korea.
Annex Korea Food Res Inst, World Inst Kimchi, Songnam 463746,
Gyeonggi Do, South Korea.

Field: [AGRICULTURAL SCIENCES](#)

2 Citations: 21

RESEARCH FRONT

WEB OF SCIENCE

Title: BACTERIAL COMMUNITY ANALYSIS DURING FERMENTATION OF TEN REPRESENTATIVE KINDS OF KIMCHI WITH BARCODED PYROSEQUENCING

Authors: PARK EJ; CHUN J; CHA CJ; PARK WS; JEON CO; BAE JW

Source: [FOOD MICROBIOL](#)
30 (1): 197-204 MAY 2012

Addresses: Kyung Hee Univ, Dept Life & Nanopharmaceut Sci, Seoul 130701, South Korea.
Kyung Hee Univ, Dept Biol, Seoul 130701, South Korea.
Cheju Natl Univ, Dept Food Bioengn, Cheju 690756, South Korea.
Seoul Natl Univ, Sch Biol Sci, Seoul 151742, South Korea.
Seoul Natl Univ, Inst Microbiol, Seoul 151742, South Korea.
Chung Ang Univ, Dept Biotechnol, Program BK21, Anseong 456756, South Korea.
World Inst Kimchi, Songnam 463746, South Korea.
Chung Ang Univ, Dept Life Sci, Seoul 156756, South Korea.

Field: [AGRICULTURAL SCIENCES](#)

3 Citations: 9

RESEARCH FRONT

WEB OF SCIENCE

Title: MICROBIAL SUCCESSION AND METABOLITE CHANGES DURING FERMENTATION OF SAEU-JEOT: TRADITIONAL KOREAN SALTED SEAFOOD



Authors: JUNG JY; LEE SH; LEE HJ; JEON CO
Source: [FOOD MICROBIOL](#)
 34 (2): 360-368 JUN 2013
Addresses: Chung Ang Univ, Dept Life Sci, Ctr Biomol & Biosyst, Seoul
 156756, South Korea.
Field: [AGRICULTURAL SCIENCES](#)

8 酶热点论文

1 Citations: 90

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: MODIFYING ENZYME ACTIVITY AND SELECTIVITY BY IMMOBILIZATION
Authors: RODRIGUES RC; ORTIZ C; BERENGUER-MURCIA A; TORRES R; FERNANDEZ-LAFUENTE R
Source: [CHEM SOC REV](#) 42 (15): 6290-6307 2013
Addresses: Univ Fed Rio Grande do Sul, Biocatalysis & Enzyme Technol Lab, Inst Food Sci & Technol, BR-91501970 Porto Alegre, RS, Brazil.
 Univ Ind Santander, Escuela Bacteriol & Lab Clin, Bucaramanga, Colombia.
 Univ Alicante, Inst Univ Mat, Dept Quim Inorgan, E-03080 Alicante, Spain.
 Univ Ind Santander, Escuela Quim, Grp Invest Bioquim & Microbiol GIBIM, Bucaramanga, Colombia.
 Inst Catalisis CSIC, Dept Biocatalisis, Madrid 28049, Spain.
Field: [CHEMISTRY](#)

2 Citations: 65

HOT PAPER

WEB OF SCIENCE

Title: CYTOCHROME P450 ENZYMES IN DRUG METABOLISM: REGULATION OF GENE EXPRESSION, ENZYME ACTIVITIES, AND IMPACT OF GENETIC VARIATION
Authors: ZANGER UM; SCHWAB M
Source: [PHARMACOL THER](#) 138 (1): 103-141 APR 2013
Addresses: Dr Margarete Fischer Bosch Inst Clin Pharmacol, D-70376 Stuttgart, Germany.
 Univ Tubingen, Fac Med, Dept Clin Pharmacol, Tubingen, Germany.
Field: [PHARMACOLOGY & TOXICOLOGY](#)

3 Citations: 55

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: ENZYME IMMOBILISATION IN BIOCATALYSIS: WHY, WHAT AND HOW
Authors: SHELDON RA; VAN PELT S
Source: [CHEM SOC REV](#) 42 (15): 6223-6235 2013



Addresses: Delft Univ Technol, Dept Biotechnol, NL-2628 BL Delft, Netherlands.
CLEA Technol BV, NL-2628 XH Delft, Netherlands.

Field: [CHEMISTRY](#)

4 Citations: 5

HOT PAPER

WEB OF SCIENCE

Title: ENZYME-ASSISTED EXTRACTION OF ESSENTIAL OILS FROM THYME (THYMUS CAPITATUS L.) AND ROSEMARY (ROSMARINUS OFFICINALIS L.): IMPACT ON YIELD, CHEMICAL COMPOSITION AND ANTIMICROBIAL ACTIVITY

Authors: HOSNI K; HASSEN I; CHAABANE H; JEMLI M; DALLALI S; SEBEI H; CASABIANCA H

Source: [IND CROPS PRODUCTS](#) 47: 291-299 MAY 2013

Addresses: Ecole Super Agr Mograne, Dept Prod Vegetate, Zaghuan 1121, Tunisia.
CNRS, Serv Cent Anal, F-69360 Lyon, France.

Field: [AGRICULTURAL SCIENCES](#)

5 Citations: 4

HOT PAPER

WEB OF SCIENCE

Title: PYRROLYSYL-TRNA SYNTHETASE: AN ORDINARY ENZYME BUT AN OUTSTANDING GENETIC CODE EXPANSION TOOL

Authors: WAN W; THARP JM; LIU WR

Source: [BBA-PROTEINS PROTEOMICS](#) 1844 (6): 1059-1070 JUN 2014

Addresses: Texas A&M Univ, Dept Chem, College Stn, TX 77845 USA.

Field: [BIOLOGY & BIOCHEMISTRY](#)

6 Citations: 3

HOT PAPER

RESEARCH FRONT

WEB OF SCIENCE

Title: TARGETING KYNURENINE AMINOTRANSFERASE II IN PSYCHIATRIC DISEASES: PROMISING EFFECTS OF AN ORALLY ACTIVE ENZYME INHIBITOR

Authors: WU HQ; OKUYAMA M; KAJII Y; POCIVAVSEK A; BRUNO JP; SCHWARCZ R

Source: [SCHIZOPHRENIA BULL](#) 40: S152-S158 SUPPL. 2 MAR 2014

Addresses: Univ Maryland, Sch Med, Maryland Psychiat Res Ctr, Dept Psychiat, Baltimore, MD 21201 USA.

Mitsubishi Tanabe Pharma Corp, Div Res, Med Chem Res Labs 1, Dept 2, Yokohama, Kanagawa, Japan.

Mitsubishi Tanabe Pharma Corp, Div Res, Pharmacol Res Labs 1, Dept 2, Yokohama, Kanagawa, Japan.

Ohio State Univ, Dept Psychol, Columbus, OH 43210 USA.

Ohio State Univ, Dept Neurosci, Columbus, OH 43210 USA.

Field: [PSYCHIATRY/PSYCHOLOGY](#)



附录:

2014 年 SCI 收录海洋学期刊 61 种目录

SCIENCE CITATION INDEX EXPANDED

OCEANOGRAPHY - JOURNAL LIST

1. ACTA OCEANOLOGICA SINICA 《海洋学报》中国 Bimonthly ISSN:
0253-505X

SPRINGER, 233 SPRING ST, NEW YORK, USA, NY, 10013

1. [Science Citation Index Expanded](#)

2. ANNUAL REVIEW OF MARINE SCIENCE 《海洋科学年评》 Annual ISSN:
1941-1405

ANNUAL REVIEWS, 4139 EL CAMINO WAY, PO BOX 10139, PALO
ALTO, USA, CA, 94303-0897

1. [Science Citation Index](#)

2. [Science Citation Index Expanded](#)

3. APPLIED OCEAN RESEARCH 《应用海洋研究》 Quarterly ISSN: 0141-1187
ELSEVIER SCI LTD, THE BOULEVARD, LANGFORD LANE,
KIDLINGTON, OXFORD, ENGLAND, OXON, OX5 1GB

1. [Science Citation Index Expanded](#)

4. ATMOSPHERE-OCEAN 《大气与海洋》 Quarterly ISSN: 0705-5900

CMOS-SCMO, BOX 3211, STATION D, OTTAWA, CANADA, ON, K1P
6H7

1. [Science Citation Index](#)

2. [Science Citation Index Expanded](#)

**5. AUSTRALIAN METEOROLOGICAL AND OCEANOGRAPHIC
JOURNAL** 《澳大利亚气象学与海洋学杂志》 Quarterly ISSN: 1836-716X

AUSTRALIAN BUREAU METEOROLOGY, GPO BOX 1289,
MELBOURNE, AUSTRALIA, VIC, 3001

1. [Science Citation Index](#)

2. [Science Citation Index Expanded](#)



6. BRAZILIAN JOURNAL OF OCEANOGRAPHY 《巴西海洋学杂志》 Quarterly
ISSN: 1679-8759

INST OCEANOGRAFICO, UNIV SAO PAULO, PRACA DO
OCEANOGRAFICO, 191, CIDADE UNIVERSITARIA, SAO PAULO,
BRAZIL, SP, 00000

1. [Science Citation Index Expanded](#)

7. BULLETIN OF MARINE SCIENCE 《海洋科学通报》 Bimonthly ISSN:
0007-4977

ROSENSTIEL SCH MAR ATMOS SCI, 4600 RICKENBACKER
CAUSEWAY, MIAMI, USA, FL, 33149

1. [Science Citation Index](#)
2. [Science Citation Index Expanded](#)

8. CHINESE JOURNAL OF OCEANOLOGY AND LIMNOLOGY 《中国海洋湖
沼学报》 Bimonthly ISSN: 0254-4059

SCIENCE PRESS, 16 DONGHUANGCHENGGEN NORTH ST, BEIJING,
PEOPLES R CHINA, 100717

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