

ISI Web of KnowledgeSMEssential Science IndicatorsSM

TOP PAPERS FOR WATER RES IN (ALL FIELDS)

Sorted by: Citations		SORT AGAIN
1 - 20 (of 79)	Page 1 of 4	
1	Citations: 571	WEB OF SCIENCE
Title:	A REVIEW OF THE BIOCHEMISTRY OF HEAVY METAL BIOSORPTION BY BROWN ALGAE	
Authors:	DAVIS TA ; VOLESKY B ; MUCCI A	
Source:	WATER RES 37 (18): 4311-4330 NOV 2003	
Addresses:	McGill Univ , Dept Earth & Planetary Sci, 3450 Univ St, Montreal, PQ H3A 2A7, Canada . McGill Univ , Dept Earth & Planetary Sci, Montreal, PQ H3A 2A7, Canada . McGill Univ , Dept Chem Engn, Montreal, PQ H3A 2B2, Canada .	
Field:	ENVIRONMENT/ECOLOGY	
2	Citations: 403	WEB OF SCIENCE
Title:	BEHAVIOR OF PHARMACEUTICALS, COSMETICS AND HORMONES IN A SEWAGE TREATMENT PLANT	
Authors:	CARBALLA M ; OMIL F ; LEMA JM ; LLOMPART M ; GARCIA-JARES C; RODRIGUEZ I ; GOMEZ M ; TERNES T	
Source:	WATER RES 38 (12): 2918-2926 JUL 2004	
Addresses:	Univ Santiago de Compostela , Sch Engn, Dept Chem Engn, E-15782 Santiago De Compostela, Spain . Univ Santiago de Compostela , Inst Food Sci, Dept Analyt Chem, E-15706 Santiago, Spain . Cent Lab, E-15702 Santiago De Compostela, Spain . Bundesanstalt Gewasserkunde, D-56068 Koblenz, Germany .	
Field:	ENVIRONMENT/ECOLOGY	

3 Citations: 325 

WEB OF SCIENCE

Title: OZONATION OF DRINKING WATER: PART I. OXIDATION KINETICS AND PRODUCT FORMATION**Authors:** VON GUNTEN U**Source:** [WATER RES](#)
37 (7): 1443-1467 APR 2003**Addresses:** [EAWAG](#), Swiss Fed Inst Environm Sci & Technol, Ueberlandstr 133, CH-8600 Dubendorf, [Switzerland](#).
[EAWAG](#), Swiss Fed Inst Environm Sci & Technol, CH-8600 Dubendorf, [Switzerland](#).**Field:** [ENVIRONMENT/ECOLOGY](#)**4 Citations:** 305 

WEB OF SCIENCE

Title: OZONATION: A TOOL FOR REMOVAL OF PHARMACEUTICALS, CONTRAST MEDIA AND MUSK FRAGRANCES FROM WASTEWATER?**Authors:** [TERNES TA](#); STUBER J; [HERRMANN N](#); MCDOWELL D; [RIED A](#); KAMPMANN M; TEISER B**Source:** [WATER RES](#)
37 (8): 1976-1982 APR 2003**Addresses:** ESWE, Inst Water Res & Water Technol, Sohnleinstr 158, D-65201 Wiesbaden, [Germany](#).
ESWE, Inst Water Res & Water Technol, D-65201 Wiesbaden, [Germany](#).
WEDECO, D-32051 Herford, [Germany](#).
Abwasserverband Braunschweig, D-38112 Braunschweig, [Germany](#).**Field:** [ENVIRONMENT/ECOLOGY](#)**5 Citations:** 285 

WEB OF SCIENCE

Title: COMPARATIVE ECO-TOXICITY OF NANOSCALE TIO₂, SIO₂, AND ZNO WATER SUSPENSIONS**Authors:** ADAMS LK; [LYON DY](#); [ALVAREZ PJJ](#)**Source:** [WATER RES](#)
40 (19): 3527-3532 NOV 2006**Addresses:** [Rice Univ](#), Dept Civil & Environm Engn, Houston, TX 77005 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

6 Citations: 263 

RESEARCH FRONT

WEB OF SCIENCE

Title: OCCURRENCE AND REMOVAL OF PHARMACEUTICALS AND ENDOCRINE DISRUPTORS IN SOUTH KOREAN SURFACE, DRINKING, AND WASTE WATERS

Authors: [KIM SD](#); [CHO J](#); [KIM IS](#); [VANDERFORD BJ](#); [SNYDER SA](#)

Source: [WATER RES](#)
41 (5): 1013-1021 MAR 2007

Addresses: So Nevada Water Author, 1350 Richard Bunker Ave, Henderson, NV 89015 USA.
So Nevada Water Author, Henderson, NV 89015 USA.
[Gwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Kwangju 500712, [South Korea](#).

Field: [ENVIRONMENT/ECOLOGY](#)

7 Citations: 255 

WEB OF SCIENCE

Title: REMOVAL OF COPPER IONS FROM AQUEOUS SOLUTION BY TREE FERN

Authors: [HO YS](#)

Source: [WATER RES](#)
37 (10): 2323-2330 MAY 2003

Addresses: [Taipei Med Univ](#), Sch Publ Hlth, 250, Wu Hsing St, Taipei, [Taiwan](#).
[Taipei Med Univ](#), Sch Publ Hlth, Taipei, [Taiwan](#).

Field: [ENVIRONMENT/ECOLOGY](#)

8 Citations: 248 

WEB OF SCIENCE

Title: OZONATION OF DRINKING WATER: PART II. DISINFECTION AND BY-PRODUCT FORMATION IN PRESENCE OF BROMIDE, IODIDE OR CHLORINE

Authors: VON GUNTEN U

Source: [WATER RES](#)
37 (7): 1469-1487 APR 2003

Addresses: [EAWAG](#), Swiss Fed Inst Environm Sci & Technol, Ueberlandstr 133, CH-8600 Dubendorf, [Switzerland](#).
[EAWAG](#), Swiss Fed Inst Environm Sci & Technol, CH-8600 Dubendorf, [Switzerland](#).

Field: [ENVIRONMENT/ECOLOGY](#)

9 **Citations:** 238 

WEB OF SCIENCE

Title: ANTIMICROBIAL NANOMATERIALS FOR WATER DISINFECTION AND MICROBIAL CONTROL: POTENTIAL APPLICATIONS AND IMPLICATIONS

Authors: [LI QL](#); [MAHENDRA S](#); [LYON DY](#); BRUNET L; LIGA MV; [LI D](#); [ALVAREZ PJJ](#)

Source: [WATER RES](#)
42 (18): 4591-4602 NOV 2008

Addresses: [Rice Univ](#), Dept Civil & Environm Engr, MS 317,6100 Main St, Houston, TX 77005 USA.
[Rice Univ](#), Dept Civil & Environm Engr, Houston, TX 77005 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

10 **Citations:** 238 

WEB OF SCIENCE

Title: RECENT ADVANCES IN REMOVING PHOSPHORUS FROM WASTEWATER AND ITS FUTURE USE AS FERTILIZER (1997-2003)

Authors: DE-BASHAN LE; [BASHAN Y](#)

Source: [WATER RES](#)
38 (19): 4222-4246 NOV 2004

Addresses: Ctr Biol Res NW CIB, Environm Microbiol Grp, POB 128, La Paz 23000, [Mexico](#).
Ctr Biol Res NW CIB, Environm Microbiol Grp, La Paz 23000, [Mexico](#).
[Univ Laval](#), Dept Soil & Agrifood Engr, Fac Agr & Food Sci, Laval, PQ, [Canada](#).

Field: [ENVIRONMENT/ECOLOGY](#)

11 **Citations:** 229 

WEB OF SCIENCE

Title: REMOVAL OF PHARMACEUTICALS AND FRAGRANCES IN BIOLOGICAL WASTEWATER TREATMENT

Authors: [JOSS A](#); KELLER E; [ALDER AC](#); [GOBEL A](#); [MCARDELL CS](#); [TERNES T](#); [SIEGRIST H](#)

Source: [WATER RES](#)
39 (14): 3139-3152 SEP 2005

Addresses: [EAWAG](#), Uberlandstr 133, CH-8600 Dubendorf, [Switzerland](#).
[EAWAG](#), CH-8600 Dubendorf, [Switzerland](#).
[Fed Inst Hydrol](#), D-56068 Koblenz, [Germany](#).

Field: [ENVIRONMENT/ECOLOGY](#)

12 **Citations:** 229 

WEB OF SCIENCE

Title: REMOVAL OF COPPER, NICKEL, COBALT AND MANGANESE FROM AQUEOUS SOLUTION BY KAOLINITE

Authors: YAVUZ O; ALTUNKAYNAK Y; GUZEL F

Source: [WATER RES](#)
37 (4): 948-952 FEB 2003

Addresses: [Dicle Univ](#), Fac Sci & Arts, Dept Chem, TR-21280 Diyarbakir, [Turkey](#).
[Dicle Univ](#), Fac Educ, Dept Chem, TR-21280 Diyarbakir, [Turkey](#).

Field: [ENVIRONMENT/ECOLOGY](#)

13 **Citations:** 220 

WEB OF SCIENCE

Title: REMOVAL OF DYES FROM AQUEOUS SOLUTION USING FLY ASH AND RED MUD

Authors: [WANG SB](#); BOYJOO Y; CHOUEIB A; [ZHU ZH](#)

Source: [WATER RES](#)
39 (1): 129-138 JAN 2005

Addresses: [Curtin Univ Technol](#), Dept Chem Engn, GPO Box U1987, Perth, WA 6845, [Australia](#).
[Curtin Univ Technol](#), Dept Chem Engn, Perth, WA 6845, [Australia](#).

Field: [ENVIRONMENT/ECOLOGY](#)

14 **Citations:** 218 

WEB OF SCIENCE

Title: ENHANCEMENT OF PHOTOCATALYTIC ACTIVITY BY METAL

DEPOSITION: CHARACTERISATION AND PHOTONIC EFFICIENCY OF PT, AU AND PD DEPOSITED ON TIO₂ CATALYST

Authors: [SAKTHIVEL S](#); SHANKAR MV; PALANICHAMY M; ARABINDOO B; BAHNEMANN DW; [MURUGESAN V](#)

Source: [WATER RES](#)
38 (13): 3001-3008 JUL 2004

Addresses: [Anna Univ](#), Dept Chem, Madras 600025, Tamil Nadu, [India](#).
Aussenstelle Hannover, ISFH, D-30165 Hannover, [Germany](#).

Field: [ENVIRONMENT/ECOLOGY](#)

15 Citations: 217 

WEB OF SCIENCE

Title: REMOVAL OF SELECTED PHARMACEUTICALS, FRAGRANCES AND ENDOCRINE DISRUPTING COMPOUNDS IN A MEMBRANE BIOREACTOR AND CONVENTIONAL WASTEWATER TREATMENT PLANTS

Authors: [CLARA M](#); [STRENN B](#); [GANS O](#); [MARTINEZ E](#); [KREUZINGER N](#); [KROISS H](#)

Source: [WATER RES](#)
39 (19): 4797-4807 NOV 2005

Addresses: [Vienna Univ Technol](#), Inst Water Qual & Waste Managment, Karlspl 13, A-1040 Vienna, [Austria](#).
[Vienna Univ Technol](#), Inst Water Qual & Waste Managment, A-1040 Vienna, [Austria](#).
Umweltbundesamt GmbH, A-1090 Vienna, [Austria](#).

Field: [ENVIRONMENT/ECOLOGY](#)

16 Citations: 215 

WEB OF SCIENCE

Title: SECOND-ORDER KINETIC MODEL FOR THE SORPTION OF CADMIUM ONTO TREE FERN: A COMPARISON OF LINEAR AND NON-LINEAR METHODS

Authors: [HO YS](#)

Source: [WATER RES](#)
40 (1): 119-125 JAN 2006

Addresses: [Peking Univ](#), Coll Environm Sci, Dept Environm Sci, Beijing 100871, [Peoples R China](#).

Field: [ENVIRONMENT/ECOLOGY](#)

17 Citations: 213 

WEB OF SCIENCE

Title: FACTORS AFFECTING THE REJECTION OF ORGANIC SOLUTES DURING NF/RO TREATMENT - A LITERATURE REVIEW

Authors: BELLONA C; [DREWES JE](#); [XU P](#); [AMY G](#)

Source: [WATER RES](#)
38 (12): 2795-2809 JUL 2004

Addresses: [Colorado Sch Mines](#), Environm Sci & Engn Div, Golden, CO 80401 USA.
[Univ Colorado](#), Dept Civil Environm & Architectural Engn, Boulder, CO 80309 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

18 Citations: 210 

WEB OF SCIENCE

Title: IMPACT OF COLLOIDAL AND SOLUBLE ORGANIC MATERIAL ON MEMBRANE PERFORMANCE IN MEMBRANE BIOREACTORS FOR MUNICIPAL WASTEWATER TREATMENT

Authors: ROSENBERGER S; LAABS C; LESJEAN B; GNIRSS R; [AMY G](#); [JEKEL M](#); SCHROTTER JC

Source: [WATER RES](#)
40 (4): 710-720 FEB 2006

Addresses: Linde KCA Dresden GmbH, Bodenbacher Str 80, D-01277 Dresden, [Germany](#).
Anjou Rech, Veolia Water, F-78603 Maisons Laffitte, [France](#).
[Tech Univ Berlin](#), FG Wasserreinhaltung, D-10623 Berlin, [Germany](#).
Kompetenzzentrum Wasser Berlin, D-10709 Berlin, [Germany](#).
Berliner Wasserbetriebe, D-10709 Berlin, [Germany](#).
[UNESCO](#), IHE, Inst Water Educ, NL-2601 DA Delft, [Netherlands](#).

Field: [ENVIRONMENT/ECOLOGY](#)

19 Citations: 208 

RESEARCH FRONT

WEB OF SCIENCE


Title: RECENT ADVANCES IN MEMBRANE BIOREACTORS (MBRS): MEMBRANE FOULING AND MEMBRANE MATERIAL

Authors: MENG FG; CHAE SR; DREWS A; [KRAUME M](#); [SHIN HS](#); [YANG FL](#)

Source: [WATER RES](#)
43 (6): 1489-1512 APR 2009

Addresses: [Dalian Univ Technol](#), Sch Environm & Biol Sci & Technol, Key Lab Ind Ecol & Environm Engr, MOE, Dalian 116024, [Peoples R China](#).
[Duke Univ](#), Sch Engr, Dept Civil & Environm Engr, Durham, NC 27708 USA.
[Tech Univ Berlin](#), Chair Chem Engr, D-10623 Berlin, [Germany](#).
[Korea Adv Inst Sci & Technol](#), Dept Civil & Environm Engr, Taejon 305701, [South Korea](#).

Field: [ENVIRONMENT/ECOLOGY](#)

20 Citations: 203  WEB OF SCIENCE

Title: ASSESSMENT OF THE SURFACE WATER QUALITY IN NORTHERN GREECE

Authors: SIMEONOV V; STRATIS JA; [SAMARA C](#); ZACHARIADIS G; [VOUTSA D](#); ANTHEMIDIS A; SOFONIOU M; KOUIMTZIS T

Source: [WATER RES](#)
37 (17): 4119-4124 OCT 2003

Addresses: Univ Sofia St Kl Okhridski, Fac Chem, J Bouchier Blvd 1, Sofia 1164, [Bulgaria](#).
Univ Sofia St Kl Okhridski, Fac Chem, Sofia 1164, [Bulgaria](#).
[Aristotle Univ Thessaloniki](#), Dept Chem, Analyt Chem Lab, GR-54006 Thessaloniki, [Greece](#).
[Aristotle Univ Thessaloniki](#), Dept Chem, Environm Pollut Control Lab, GR-54006 Thessaloniki, [Greece](#).

Field: [ENVIRONMENT/ECOLOGY](#)