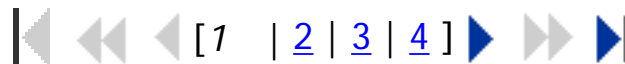


## TOP PAPERS FOR WATER RES IN (ALL FIELDS)

Sorted by:

1 - 20 (of 68)



Page 1 of 4

1 Citations: 401

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: 289

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:** 233 

WEB OF SCIENCE


**Title:** SINGLE- AND MULTI-COMPONENT ADSORPTION OF CADMIUM AND ZINC  
USING ACTIVATED CARBON DERIVED FROM BAGASSE - AN  
AGRICULTURAL WASTE

**Authors:** [MOHAN D](#); [SINGH KP](#)

**Source:** [WATER RES](#)  
36 (9): 2304-2318 MAY 2002

**Addresses:** [Ind Toxicol Res Ctr](#), Environm Chem Div, Post Box 80, Mahatma Gandhi  
Marg, Lucknow 226001, Uttar Pradesh, [India](#).  
[Ind Toxicol Res Ctr](#), Environm Chem Div, Lucknow 226001, Uttar  
Pradesh, [India](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

4 **Citations:** 217 

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:** 205 

WEB OF SCIENCE


**Title:** KINETIC MODELING OF LIQUID-PHASE ADSORPTION OF REACTIVE DYES AND METAL IONS ON CHITOSAN

**Authors:** [WU FC](#); TSENG RL; [JUANG RS](#)

**Source:** [WATER RES](#)  
35 (3): 613-618 MAR 2001

**Addresses:** Lien Ho Inst Technol, Dept Chem Engr, Miao Li 360, [Taiwan](#).  
[Yuan Ze Univ](#), Dept Chem Engr, Chungli 320, [Taiwan](#).  
Lien Ho Inst Technol, Dept Safety Hlth & Environm Engr, Miao Li, [Taiwan](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

6 **Citations:** 203 

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](#)

7 **Citations:** 200 

WEB OF SCIENCE


**Title:** COMPARISON OF DIFFERENT ADVANCED OXIDATION PROCESSES FOR PHENOL DEGRADATION

**Authors:** [ESPLUGAS S](#); GIMENEZ J; CONTRERAS S; PASCUAL E; [RODRIGUEZ M](#)

**Source:** [WATER RES](#)  
36 (4): 1034-1042 FEB 2002

**Addresses:** [Univ Barcelona](#), Dept Ingn Quim & Met, Marti & Franques 1, E-08028 Barcelona, [Spain](#).  
[Univ Barcelona](#), Dept Ingn Quim & Met, E-08028 Barcelona, [Spain](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

8 **Citations:** 193 

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](#)

9 **Citations:** 193 

WEB OF SCIENCE


**Title:** A UNIFIED THEORY FOR EXTRACELLULAR POLYMERIC SUBSTANCES, SOLUBLE MICROBIAL PRODUCTS, AND ACTIVE AND INERT BIOMASS

**Authors:** LASPIDOU CS; [RITTMANN BE](#)

**Source:** [WATER RES](#)  
36 (11): 2711-2720 JUN 2002

**Addresses:** [Northwestern Univ](#), Dept Civil Engr, 2145 Sheridan Rd, Evanston, IL 60208 USA.  
[Northwestern Univ](#), Dept Civil Engr, Evanston, IL 60208 USA.

**Field:** [ENVIRONMENT/ECOLOGY](#)

10 **Citations:** 182 

WEB OF SCIENCE

**Title:** OCCURRENCE OF PHTHALATES AND BISPHENOL A AND F IN THE ENVIRONMENT

**Authors:** [FROMME H](#); KUCHLER T; OTTO T; PILZ K; [MULLER J](#); [WENZEL A](#)

**Source:** [WATER RES](#)  
36 (6): 1429-1438 MAR 2002

**Addresses:** Environm Hlth Off, Senate Dept Labor Social Serv & Women Issues, Oranienstr 106, D-10969 Berlin, [Germany](#).  
Environm Hlth Off, Senate Dept Labor Social Serv & Women Issues, D-10969 Berlin, [Germany](#).  
Inst Environm Chem & Ecotoxicol, D-57392 Schmallenberg, [Germany](#).  
Inst Environm Anal & Human Toxicol, D-10557 Berlin, [Germany](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

11 Citations: 176 

WEB OF SCIENCE


**Title:** SORPTION KINETIC ANALYSIS FOR THE REMOVAL OF CADMIUM IONS FROM EFFLUENTS USING BONE CHAR

**Authors:** CHEUNG CW; [PORTER JF](#); [MCKAY G](#)

**Source:** [WATER RES](#)  
35 (3): 605-612 MAR 2001

**Addresses:** [Hong Kong Univ Sci & Technol](#), Dept Chem Engn, Kowloon, Hong Kong, [Peoples R China](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

12 Citations: 172 

WEB OF SCIENCE

**Title:** REMOVAL OF DYES FROM A SYNTHETIC TEXTILE DYE EFFLUENT BY BIOSORPTION ON APPLE POMACE AND WHEAT STRAW

**Authors:** [ROBINSON T](#); [CHANDRAN B](#); [NIGAM P](#)

**Source:** [WATER RES](#)  
36 (11): 2824-2830 JUN 2002

**Addresses:** [Univ Ulster](#), Sch Biomed Sci, Coleraine BT52 1SA, Londonderry, [North Ireland](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

13 Citations: 172 

WEB OF SCIENCE

**Title:** ADSORPTION OF BASIC DYES ON GRANULAR ACTIVATED CARBON AND NATURAL ZEOLITE

**Authors:** MESHKO V; MARKOVSKA L; MINCHEVA M; [RODRIGUES AE](#)

**Source:** [WATER RES](#)  
35 (14): 3357-3366 OCT 2001

**Addresses:** Univ St Cyril & Methudius, Fac Technol & Met, Ruger Boskovic 16, Skopje 91000, [Macedonia](#).  
Univ St Cyril & Methudius, Fac Technol & Met, Skopje 91000, [Macedonia](#).  
[Univ Porto](#), Lab Separat & React Engn, Fac Engn, P-4200465  
Oporto, [Portugal](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

14 **Citations:** 170 

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](#)

15 **Citations:** 169 

WEB OF SCIENCE


**Title:** CADMIUM REMOVAL FROM AQUEOUS SOLUTIONS BY CHITIN: KINETIC  
AND EQUILIBRIUM STUDIES

**Authors:** BENGUELLA B; BENAÏSSA H

**Source:** [WATER RES](#)  
36 (10): 2463-2474 MAY 2002

**Addresses:** Univ Tlemcen, Lab Mat Sorbants & Traitement Eaux, Fac Sci, Dept Chim, BP 119, Tilimsen 13000, [Algeria](#).  
 Univ Tlemcen, Lab Mat Sorbants & Traitement Eaux, Fac Sci, Dept Chim, Tilimsen 13000, [Algeria](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

16 **Citations:** 169 

WEB OF SCIENCE

**Title:** SURFACE PROPERTIES OF SLUDGE AND THEIR ROLE IN BIOFLOCCULATION AND SETTLEABILITY

**Authors:** LIAO BQ; [ALLEN DG](#); DROPPA IG; LEPPARD GG; LISS SN

**Source:** [WATER RES](#)  
 35 (2): 339-350 FEB 2001

**Addresses:** [Univ Toronto](#), Dept Chem Engr & Appl Chem, 200 Coll St, Toronto, ON M5S 3E5, [Canada](#).  
[Univ Toronto](#), Dept Chem Engr & Appl Chem, Toronto, ON M5S 3E5, [Canada](#).  
[Environm Canada](#), Canada Ctr Inland Waters, Natl Water Res Inst, Burlington, ON L7R 4A6, [Canada](#).  
[McMaster Univ](#), Dept Biol, Hamilton, ON L8S 4K1, [Canada](#).  
[Ryerson Polytech Univ](#), Dept Chem Biol & Chem Engr, Toronto, ON M5B 2K3, [Canada](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

17 **Citations:** 169 

WEB OF SCIENCE

**Title:** USE OF FENTON REAGENT TO IMPROVE ORGANIC CHEMICAL BIODEGRADABILITY


**Authors:** CHAMARRO E; MARCO A; [ESPLUGAS S](#)



**Source:** [WATER RES](#)  
35 (4): 1047-1051 MAR 2001

**Addresses:** [Univ Barcelona](#), Dept Engn Quim & Met, C Marti & Franques 1, E-08028 Barcelona, [Spain](#).  
[Univ Barcelona](#), Dept Engn Quim & Met, E-08028 Barcelona, [Spain](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

18 **Citations:** 166 

WEB OF SCIENCE

**Title:** BIOSORPTION OF CHROMIUM(VI) FROM AQUEOUS SOLUTIONS BY GREEN ALGAE SPIROGYRA SPECIES

**Authors:** [GUPTA VK](#); SHRIVASTAVA AK; [JAIN N](#)

**Source:** [WATER RES](#)  
35 (17): 4079-4085 DEC 2001

**Addresses:** Univ Roorkee, Dept Chem, Roorkee 247667, Uttar Pradesh, [India](#).  
Univ Roorkee, Dept Civil Engn, Roorkee 247667, Uttar Pradesh, [India](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

19 **Citations:** 164 

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](#)

20 **Citations:** 164 

WEB OF SCIENCE

**Title:** AQUATIC ENVIRONMENTAL ASSESSMENT OF THE TOP 25 ENGLISH PRESCRIPTION PHARMACEUTICALS

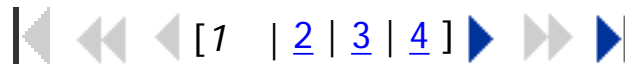
**Authors:** JONES OAH; [VOULVOULIS N](#); [LESTER JN](#)

**Source:** [WATER RES](#)  
36 (20): 5013-5022 DEC 2002

**Addresses:** [Univ London Imperial Coll Sci Technol & Med](#), Dept Environm Sci & Technol, Environm Proc & Water Technol Grp, Prince Consort Rd, London SW7 2BP, [England](#).  
[Univ London Imperial Coll Sci Technol & Med](#), Dept Environm Sci & Technol, Environm Proc & Water Technol Grp, London SW7 2BP, [England](#).

**Field:** [ENVIRONMENT/ECOLOGY](#)

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