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TOP PAPERS FOR WATER RES IN (ALL FIELDS)

Sorted by: Citations

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1 Citations: 423

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: 303

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: 244 

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: 231 

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: 219 

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

Field: [ENVIRONMENT/ECOLOGY](#)

6 **Citations:** 218 

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](#)

7 **Citations:** 212 

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:** 206 

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:** 202 

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:** 189 

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:** 187 

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: 183 

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: 180 

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

Field: [ENVIRONMENT/ECOLOGY](#)

14 Citations: 179 

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: 179 

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 Engn & Appl Chem, 200 Coll St, Toronto, ON M5S 3E5, [Canada](#).
[Univ Toronto](#), Dept Chem Engn & 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 Engn, Toronto, ON M5B 2K3, [Canada](#).

Field: [ENVIRONMENT/ECOLOGY](#)

16 Citations: 178 

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](#)

17 **Citations:** 177 

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:** 175 

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](#)

19 **Citations:** 172 

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: 170 

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](#)

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