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TOP PAPERS FOR WATER RES IN (ALL FIELDS)

Sorted by: Citations

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1 Citations: 498

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: 354

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: 290 

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: 277 

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: 275 

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](#)

6 **Citations:** 261 

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:** 241 

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 Engn, 2145 Sheridan Rd, Evanston, IL 60208 USA.
[Northwestern Univ](#), Dept Civil Engn, Evanston, IL 60208 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

8 **Citations:** 239 

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](#)

9 Citations: 218 

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 Engr, Houston, TX 77005 USA.

Field: [ENVIRONMENT/ECOLOGY](#)

10 Citations: 214 

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: 212 

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](#)

12 **Citations:** 208 

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](#)

13 **Citations:** 204 

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](#)

14 **Citations:** 202 

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: 201 

WEB OF SCIENCE

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

Authors: BENGUELLA B; BENAISSA 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: 193 

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](#)

17 **Citations:** 193 

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](#)

18 **Citations:** 192 

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

Field: [ENVIRONMENT/ECOLOGY](#)

19 **Citations:** 192 

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](#)

20 **Citations:** 184 

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](#)

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