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

Sorted by: Citations

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1 Citations: 526

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: 373

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:** 304 

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:** 294 

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](#)**5 Citations:** 289 

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](#)

6 **Citations:** 273 

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:** 253 

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](#)

8 **Citations:** 247 

WEB OF SCIENCE

**Title:** COMPARATIVE ECO-TOXICITY OF NANOSCALE TiO<sub>2</sub>, SiO<sub>2</sub>, 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](#)

9 Citations: 241 

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](#)

10 Citations: 230 

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](#)

11 Citations: 226 

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](#)

12 Citations: 225 

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](#)

13 Citations: 221 

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](#)

14 Citations: 210 

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: 208 

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](#)

16 Citations: 207 

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](#)

17 **Citations:** 205 

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](#)

18 **Citations:** 202 

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](#)

19 **Citations:** 199 

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](#)

20 Citations: 198 

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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