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TOP PAPERS FOR WATER RES IN (ALL FIELDS)

Sorted by: Citations

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1 Citations: 449

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: 321

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: 264 

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: 245 

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: 234 

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: 231 

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: 229 

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](#)

8 Citations: 218 

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:** 215 

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:** 194 

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 Engr, Kowloon, Hong Kong, [Peoples R China](#).




Field: [ENVIRONMENT/ECOLOGY](#)

11 **Citations:** 193 

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](#)
- 12 **Citations:** 190  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:** 188  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](#)
- 14 **Citations:** 187  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](#)

15 Citations: 186 

WEB OF SCIENCE

Title: ADSORPTION OF BASIC DYES ON GRANULAR ACIVATED 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](#)

16 Citations: 185 

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](#)

17 Citations: 182 

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](#)

18 Citations: 182 

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](#)

19 Citations: 179 

RESEARCH FRONT

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](#)

20 Citations: 179 

WEB OF SCIENCE

Title: ULTRASONIC WASTE ACTIVATED SLUDGE DISINTEGRATION FOR IMPROVING ANAEROBIC STABILIZATION

Authors: TIEHM A; NICKEL K; ZELLHORN M; NEIS U

Source: [WATER RES](#)
35 (8): 2003-2009 JUN 2001

Addresses: [Tech Univ Hamburg Harburg](#), Dept Sanitary & Environm Engn, AB
Gewasserreinigungstech, Eissendorfer Str 42, D-21073 Hamburg, [Germany](#).
[Tech Univ Hamburg Harburg](#), Dept Sanitary & Environm Engn, AB
Gewasserreinigungstech, D-21073 Hamburg, [Germany](#).

Field: [ENVIRONMENT/ECOLOGY](#)

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