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TOP PAPERS FOR J HAZARD MATER IN (ALL FIELDS)

Sorted by: Citations

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1 Citations: 534

COMMENTARY

WEB OF SCIENCE

Title: LOW-COST ADSORBENTS FOR HEAVY METALS UPTAKE FROM CONTAMINATED WATER: A REVIEW**Authors:** [BABEL S;](#) [KURNIAWAN TA](#)**Source:** [J HAZARD MATER](#)
97 (1-3): 219-243 FEB 28 2003**Addresses:** [Thammasat Univ.](#), SIIT, Environm Technol Program, POB 22, Pathum Thani 12121, [Thailand.](#)
[Thammasat Univ.](#), SIIT, Environm Technol Program, Pathum Thani 12121, [Thailand.](#)**Field:** [ENGINEERING](#)

2 Citations: 371

WEB OF SCIENCE

Title: A REVIEW OF CLASSIC FENTON'S PEROXIDATION AS AN ADVANCED OXIDATION TECHNIQUE**Authors:** [NEYENS E;](#) [BAEYENS J](#)**Source:** [J HAZARD MATER](#)
98 (1-3): 33-50 MAR 17 2003**Addresses:** [Katholieke Univ Leuven.](#), Dept Chem Engn, De Croylaan 46, B-3001 Heverlee, [Belgium.](#)
[Katholieke Univ Leuven.](#), Dept Chem Engn, B-3001 Heverlee, [Belgium.](#)**Field:** [ENGINEERING](#)

3 Citations: 301

WEB OF SCIENCE

Title: USE OF CELLULOSE-BASED WASTES FOR ADSORPTION OF DYES FROM AQUEOUS SOLUTIONS

Authors: [ANNADURAI G;](#) [JUANG RS;](#) [LEE DJ](#)

Source: [J HAZARD MATER](#)
92 (3): 263-274 JUN 10 2002

Addresses: [Yuan Ze Univ.](#), Dept Chem Engr, Chungli 320, [Taiwan.](#)
[Natl Taiwan Univ.](#), Dept Chem Engr, Taipei 106, [Taiwan.](#)

Field: [ENGINEERING](#)

4 **Citations:** 248 

RESEARCH FRONT

WEB OF SCIENCE

Title: ARSENIC REMOVAL FROM WATER/WASTEWATER USING ADSORBENTS - A CRITICAL REVIEW

Authors: [MOHAN D;](#) [PITTMAN CU](#)

Source: [J HAZARD MATER](#)
142 (1-2): 1-53 APR 2 2007

Addresses: [Mississippi State Univ.](#), Dept Chem, Mississippi State, MS 39762 USA.
[Ind Toxicol Res Ctr.](#), Environm Chem Div, Lucknow 226001, Uttar Pradesh, [India.](#)

Field: [ENGINEERING](#)

5 **Citations:** 206 

WEB OF SCIENCE

Title: REVIEW OF SECOND-ORDER MODELS FOR ADSORPTION SYSTEMS

Authors: [HO YS](#)

Source: [J HAZARD MATER](#)
136 (3): 681-689 AUG 25 2006

Addresses: [Taipei Med Univ.](#), Sch Publ Hlth, 250 Wu Hsing St, Taipei 11014, [Taiwan.](#)
[Taipei Med Univ.](#), Sch Publ Hlth, Taipei 11014, [Taiwan.](#)

Field: [ENGINEERING](#)

6 **Citations:** 199 

WEB OF SCIENCE

Title: ELECTROCOAGULATION (EC) - SCIENCE AND APPLICATIONS

Authors: [MOLLAH MYA;](#) SCHENNACH R; [PARGA JR;](#) [COCKE DL](#)

Source: [J HAZARD MATER](#)
84 (1): 29-41 JUN 1 2001

Addresses: [Lamar Univ.](#), Gill Chair Chem & Chem Engn, Beaumont, TX 77710 USA.

Field: [ENGINEERING](#)

7 Citations: 193 

WEB OF SCIENCE

Title: THE ROLE OF SAWDUST IN THE REMOVAL OF UNWANTED MATERIALS FROM WATER

Authors: [SHUKLA A](#); [ZHANG YH](#); DUBEY P; [MARGRAVE JL](#); [SHUKLA SS](#)

Source: [J HAZARD MATER](#)
95 (1-2): 137-152 NOV 11 2002

Addresses: [Lamar Univ.](#), Dept Chem, Beaumont, TX 77710 USA.
[Rice Univ.](#), Dept Chem, Houston, TX 77251 USA.
[Vikram Univ.](#), Ujjain, Madhya Pradesh, [India](#).
[A&B Environm Serv](#), Houston, TX USA.
[Southeast Coll](#), Houston, TX 77207 USA.

Field: [ENGINEERING](#)

8 Citations: 186 

WEB OF SCIENCE

Title: REMOVAL OF CD(II) AND PB(II) IONS, FROM AQUEOUS SOLUTIONS, BY ADSORPTION ONTO SAWDUST OF PINUS SYLVESTRIS

Authors: TATY-COSTODES VC; FAUDUET H; [PORTE C](#); DELACROIX A

Source: [J HAZARD MATER](#)
105 (1-3): 121-142 DEC 12 2003

Addresses: [Conservatoire Natl Arts & Metiers](#), Lab Chim Ind Genie Procetes, EA21, 2 Rue Conte, F-75003 Paris, [France](#).
[Conservatoire Natl Arts & Metiers](#), Lab Chim Ind Genie Procetes, EA21, F-75003 Paris, [France](#).
[Univ Orleans](#), Lab Prod Chim, EA3270, Inst Univ Technol, F-45067 Orleans 2, [France](#).

Field: [ENGINEERING](#)

9 Citations: 183 

RESEARCH FRONT

WEB OF SCIENCE

Title: ACTIVATED CARBONS AND LOW COST ADSORBENTS FOR REMEDIATION OF TRI- AND HEXAVALENT CHROMIUM FROM

WATER

Authors: [MOHAN D;](#) [PITTMAN CU](#)**Source:** [J HAZARD MATER](#)
137 (2): 762-811 SEP 21 2006**Addresses:** [Mississippi State Univ.](#), Dept Chem, Mississippi State, MS 39762 USA.
[Ind Toxicol Res Ctr.](#), Environm Chem Div, Lucknow 226001, Uttar Pradesh, [India.](#)**Field:** [ENGINEERING](#)10 Citations: 173 

WEB OF SCIENCE

Title: EQUILIBRIUM AND KINETIC MODELING OF ADSORPTION OF REACTIVE DYE ON CROSS-LINKED CHITOSAN BEADS**Authors:** CHIOU MS; [LI HY](#)**Source:** [J HAZARD MATER](#)
93 (2): 233-248 JUL 22 2002**Addresses:** [Natl Lien Ho Inst Technol.](#), Dept Chem Engn, Miaoli 36003, [Taiwan.](#)**Field:** [ENGINEERING](#)11 Citations: 169 

WEB OF SCIENCE

Title: HEAVY METAL REMOVAL FROM WATER BY SORPTION USING SURFACTANT-MODIFIED MONTMORILLONITE**Authors:** [LIN SH;](#) [JUANG RS](#)**Source:** [J HAZARD MATER](#)
92 (3): 315-326 JUN 10 2002**Addresses:** Nanya Inst Technol, Dept Chem Engn, Chungli 320, [Taiwan.](#)
[Yuan Ze Univ.](#), Dept Chem Engn, Chungli 320, [Taiwan.](#)**Field:** [ENGINEERING](#)12 Citations: 161 

RESEARCH FRONT

WEB OF SCIENCE

Title: OCCURRENCE AND FATE OF PHARMACEUTICALLY ACTIVE COMPOUNDS IN THE ENVIRONMENT, A CASE STUDY: HOJE RIVER IN SWEDEN

Authors: BENDZ D; PAXEUS NA; GINN TR; LOGE FJ

Source: [J HAZARD MATER](#)
122 (3): 195-204 JUL 15 2005

Addresses: Swedish Geotech Inst, Dept Environm Technol, Hospitalsgatan 16A, S-21133 Malmö, [Sweden](#).
Swedish Geotech Inst, Dept Environm Technol, S-21133 Malmö, [Sweden](#).
Gryaab, S-41834 Gothenburg, [Sweden](#).
[Univ Calif Davis](#), Dept Civil & Environm Engr, Davis, CA 95616 USA.

Field: [ENGINEERING](#)

13 Citations: 158 

WEB OF SCIENCE

Title: TREATMENT OF TEXTILE WASTEWATERS BY ELECTROCOAGULATION USING IRON AND ALUMINUM ELECTRODES

Authors: [KOBYA M](#); CAN OT; [BAYRAMOGLU M](#)

Source: [J HAZARD MATER](#)
100 (1-3): 163-178 JUN 27 2003

Addresses: [Gebze Inst Technol](#), Fac Engr, Dept Environm Engr, TR-41400 Gebze, [Turkey](#).

Field: [ENGINEERING](#)

14 Citations: 147 

WEB OF SCIENCE

Title: FUNDAMENTALS, PRESENT AND FUTURE PERSPECTIVES OF ELECTROCOAGULATION

Authors: [MOLLAH MYA](#); MORKOVSKY P; GOMES JAG; KESMEZ M; PARGA J; [COCKE DL](#)

Source: [J HAZARD MATER](#)
114 (1-3): 199-210 OCT 18 2004

Addresses: [Lamar Univ](#), Gill Chair Chem & Chem Engr, POB 10022, Beaumont, TX 77710 USA.
[Lamar Univ](#), Gill Chair Chem & Chem Engr, Beaumont, TX 77710 USA.
Univ Dhaka, Dept Chem, Dhaka 1000, [Bangladesh](#).
Kaspar Electroplating Corp, Shiner, TX 77984 USA.
Inst Technol Saltillo, Dept Met & Mat Sci 5, Saltillo 25000, Coahuila, [Mexico](#).

Field: [ENGINEERING](#)

15 **Citations:** 144 

WEB OF SCIENCE

Title: SOLAR/UV-INDUCED PHOTOCATALYTIC DEGRADATION OF THREE COMMERCIAL TEXTILE DYES

Authors: NEPPOLIAN B; [CHOI HC](#); [SAKTHIVEL S](#); ARABINDOO B; [MURUGESAN V](#)

Source: [J HAZARD MATER](#)
89 (2-3): 303-317 JAN 28 2002

Addresses: [Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Kwangju 500712, [South Korea](#).
[Anna Univ](#), Dept Chem, Chennai 25, [India](#).

Field: [ENGINEERING](#)

16 **Citations:** 137 

WEB OF SCIENCE

Title: UTILIZATION OF INDUSTRIAL WASTE PRODUCTS AS ADSORBENTS FOR THE REMOVAL OF DYES

Authors: [JAIN AK](#); [GUPTA VK](#); [BHATNAGAR A](#); SUHAS

Source: [J HAZARD MATER](#)
101 (1): 31-42 JUL 4 2003

Addresses: [Indian Inst Technol](#), Dept Chem, Roorkee 247667, Uttar Pradesh, [India](#).

Field: [ENGINEERING](#)

17 **Citations:** 128 

WEB OF SCIENCE

Title: REMOVAL AND RECOVERY OF LEAD(II) FROM SINGLE AND MULTIMETAL (CD, CU, NI, ZN) SOLUTIONS BY CROP MILLING WASTE (BLACK GRAM HUSK)

Authors: SAEED A; [IQBAL M](#); AKHTAR MW

Source: [J HAZARD MATER](#)
117 (1): 65-73 JAN 14 2005

Addresses: Biotechnol & Food Res Ctr, Environm Biotechnol Grp, PCSIR Labs Complex, Lahore 54600, [Pakistan](#).
Biotechnol & Food Res Ctr, Environm Biotechnol Grp, Lahore

54600, [Pakistan](#).
Univ Punjab, Inst Biochem & Biotechnol, Lahore, [Pakistan](#).

Field: [ENGINEERING](#)

18 Citations: 125 

WEB OF SCIENCE

Title: REMOVAL OF CHROMIUM FROM WATER AND WASTEWATER BY ION EXCHANGE RESINS

Authors: [RENGARAJ S](#); YEON KH; [MOON SH](#)

Source: [J HAZARD MATER](#)
87 (1-3): 273-287 OCT 12 2001

Addresses: [Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Puk Gu, 1 Oryong Dong, Kwangju 500712, [South Korea](#).
[Kwangju Inst Sci & Technol](#), Dept Environm Sci & Engn, Puk Gu, Kwangju 500712, [South Korea](#).

Field: [ENGINEERING](#)

19 Citations: 121 

WEB OF SCIENCE

Title: ADSORPTION OF REACTIVE DYES ON CALCINED ALUNITE FROM AQUEOUS SOLUTIONS

Authors: OZACAR M; SENGIL IA

Source: [J HAZARD MATER](#)
98 (1-3): 211-224 MAR 17 2003

Addresses: [Sakarya Univ](#), Sci & Arts Fac, Dept Chem, TR-54100 Sakarya, [Turkey](#).

Field: [ENGINEERING](#)

20 Citations: 120 

WEB OF SCIENCE

Title: REMOVAL AND RECOVERY OF LEAD USING NONLIVING BIOMASS OF MARINE ALGAE

Authors: JALALI R; GHAFOURIAN H; ASEF Y; DAVARPANA H SJ; SEPEHR S

Source: [J HAZARD MATER](#)
92 (3): 253-262 JUN 10 2002

Addresses: Atom Energy Org Iran, Nucl Res Ctr, Dept Biotechnol, Tehran, [Iran](#).

Univ Alzahra, Dept Biol, Tehran, [Iran](#).

Field: [ENGINEERING](#)

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