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TOP PAPERS FOR J HAZARD MATER IN (ALL FIELDS)

Sorted by: Citations

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1 Citations: 585

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: 425

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: 337

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:** 323 

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:** 259 

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:** 210 

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](#)

7 **Citations:** 209 

RESEARCH FRONT

WEB OF SCIENCE

Title: ACTIVATED CARBONS AND LOW COST ADSORBENTS FOR
REMEDICATION 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](#)

8 **Citations:** 195 

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: 184 

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 Engr, Miaoli 36003, [Taiwan](#).

Field: [ENGINEERING](#)

10 Citations: 183 

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 Engr, Chungli 320, [Taiwan](#).
[Yuan Ze Univ](#), Dept Chem Engr, Chungli 320, [Taiwan](#).

Field: [ENGINEERING](#)

11 Citations: 177 

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](#)

12 **Citations:** 173 

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

Field: [ENGINEERING](#)

13 **Citations:** 172 

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:** 157 

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](#)

15 Citations: 154 

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](#)

16 Citations: 136 

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](#)

17 Citations: 135 

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](#)18 **Citations:** 134 

RESEARCH FRONT

WEB OF SCIENCE

Title: TECHNOLOGIES FOR THE REMOVAL OF PHENOL FROM FLUID STREAMS: A SHORT REVIEW OF RECENT DEVELOPMENTS**Authors:** [BUSCA G](#); [BERARDINELLI S](#); [RESINI C](#); [ARRIGHI L](#)**Source:** [J HAZARD MATER](#)
160 (2-3): 265-288 DEC 30 2008**Addresses:** [Univ Genoa](#), Fac Ingn, Dipartimento Ingn Chim & Proc, Ple Kennedy 1, I-16129 Genoa, [Italy](#).
[Univ Genoa](#), Fac Ingn, Dipartimento Ingn Chim & Proc, I-16129 Genoa, [Italy](#).
[Univ Genoa](#), Consorzio Interdipartimentale Monitoraggio Ambien, Fac Ingn, I-17100 Savona, [Italy](#).**Field:** [ENGINEERING](#)19 **Citations:** 127 

RESEARCH FRONT

WEB OF SCIENCE

Title: ADSORPTION OF METHYLENE BLUE ONTO BAMBOO-BASED ACTIVATED CARBON: KINETICS AND EQUILIBRIUM STUDIES**Authors:** [HAMEED BH](#); [DIN ATM](#); [AHMAD AL](#)**Source:** [J HAZARD MATER](#)
141 (3): 819-825 MAR 22 2007**Addresses:** Univ Sci Malaysia, Sch Chem Engn, Engn Campus, George Town 14300, [Malaysia](#).
Univ Sci Malaysia, Sch Chem Engn, George Town 14300, [Malaysia](#).**Field:** [ENGINEERING](#)20 **Citations:** 127 

WEB OF SCIENCE

Title: MECHANICAL RECYCLING OF WASTE ELECTRIC AND ELECTRONIC EQUIPMENT: A REVIEW**Authors:** [CUI JR](#); [FORSSBERG E](#)

Source: [J HAZARD MATER](#)
99 (3): 243-263 MAY 30 2003

Addresses: [Lulea Univ Technol](#), Div Mineral Proc, SE-97187 Lulea, [Sweden](#).

Field: [ENGINEERING](#)

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