<table>
<thead>
<tr>
<th>Rank</th>
<th>Citations</th>
<th>Title</th>
<th>Authors</th>
<th>Source</th>
<th>Addresses</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>534</td>
<td>LOW-COST ADSORBENTS FOR HEAVY METALS UPTAKE FROM CONTAMINATED WATER: A REVIEW</td>
<td>BABEL S; KURNIAWAN TA</td>
<td>J HAZARD MATER</td>
<td>Thammasat Univ, SIIT, Environm Technol Program, POB 22, Pathum Thani 12121, Thailand. Thammasat Univ, SIIT, Environm Technol Program, Pathum Thani 12121, Thailand.</td>
<td>ENGINEERING</td>
</tr>
<tr>
<td>3</td>
<td>301</td>
<td>USE OF CELLULOSE-BASED WASTES FOR ADSORPTION OF DYES FROM AQUEOUS SOLUTIONS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Authors: ANNADURAI G; JUANG RS; LEE DJ

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

Addresses: Yuan Ze Univ, Dept Chem Engn, Chungli 320, Taiwan.
Natl Taiwan Univ, Dept Chem Engn, Taipei 106, Taiwan.

Field: ENGINEERING

Citations: 248

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

Authors: MOHAN D; PITTMAN CU

Source: J HAZARD MATER

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

Citations: 206

Title: REVIEW OF SECOND-ORDER MODELS FOR ADSORPTION SYSTEMS

Authors: HO YS

Source: J HAZARD MATER

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

Citations: 199

Title: ELECTROCOAGULATION (EC) - SCIENCE AND APPLICATIONS

Authors: MOLLAH MYA; SCHENNACH R; PARGA JR; COCKE DL
<table>
<thead>
<tr>
<th>Source:</th>
<th>J HAZARD MATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addresses:</td>
<td>Lamar Univ, Gill Chair Chem &amp; Chem Engn, Beaumont, TX 77710 USA.</td>
</tr>
<tr>
<td>Field:</td>
<td>ENGINEERING</td>
</tr>
<tr>
<td>Citations:</td>
<td>193</td>
</tr>
<tr>
<td>Title:</td>
<td>THE ROLE OF SAWDUST IN THE REMOVAL OF UNWANTED MATERIALS FROM WATER</td>
</tr>
<tr>
<td>Authors:</td>
<td>SHUKLA A; ZHANG YH; DUBEY P; MARGRAVE JL; SHUKLA SS</td>
</tr>
<tr>
<td>Source:</td>
<td>J HAZARD MATER</td>
</tr>
<tr>
<td>Addresses:</td>
<td>Lamar Univ, Dept Chem, Beaumont, TX 77710 USA. Rice Univ, Dept Chem, Houston, TX 77251 USA. Vikram Univ, Ujjain, Madhya Pradesh, India. A&amp;B Environm Serv, Houston, TX USA. Southeast Coll, Houston, TX 77207 USA.</td>
</tr>
<tr>
<td>Field:</td>
<td>ENGINEERING</td>
</tr>
<tr>
<td>Citations:</td>
<td>186</td>
</tr>
<tr>
<td>Title:</td>
<td>REMOVAL OF CD(II) AND PB(II) IONS, FROM AQUEOUS SOLUTIONS, BY ADSORPTION ONTO SAWDUST OF PINUS SYLVESTRIS</td>
</tr>
<tr>
<td>Authors:</td>
<td>TATY-COSTODES VC; FAUDUET H; PORTE C; DELACROIX A</td>
</tr>
<tr>
<td>Source:</td>
<td>J HAZARD MATER</td>
</tr>
<tr>
<td>Field:</td>
<td>ENGINEERING</td>
</tr>
<tr>
<td>Citations:</td>
<td>183</td>
</tr>
<tr>
<td>Title:</td>
<td>ACTIVATED CARBONS AND LOW COST ADSORBENTS FOR REMEDIATION OF TRI- AND HEXAVALENT CHROMIUM FROM</td>
</tr>
</tbody>
</table>

http://esi.webofknowledge.com/toppaperpage.cgi?search=J%20HAZARD%20MATER... 2011/9/2
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

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

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

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

Gryaab, S-41834 Gothenburg, Sweden.
Univ Calif Davis, Dept Civil & Environm Engn, Davis, CA 95616 USA.

Field: ENGINEERING

13 Citations: 158

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


Field: ENGINEERING

14 Citations: 147

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 Engn, POB 10022, Beaumont, TX 77710 USA.
Lamar Univ, Gill Chair Chem & Chem Engn, 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.
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

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

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
REMOVAL OF CHROMIUM FROM WATER AND WASTEWATER BY ION EXCHANGE RESINS

Authors: RENGERAJ S; YEON KH; MOON SH

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


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


REMOVAL AND RECOVERY OF LEAD USING NONLIVING BIOMASS OF MARINE ALGAE

Authors: JALALI R; GHAFOURIAN H; ASEF Y; DAVARPANAH 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

1 - 20 (of 441) [1, 2, 3, 4, 5, 6, 7, 8, 9, 10] Page 1 of 23

Copyright © 2011 The Thomson Corporation

http://esi.webofknowledge.com/toppaperpage.cgi?search=J%20HAZARD%20MATER...