

MA Barakat

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

131
papers

8,347
citations

42
h-index

89
g-index

134
ext. papers

9,662
ext. citations

5.8
avg. IF

6.99
L-index

#	Paper	IF	Citations
131	Sustainable visible light photocatalytic scavenging of the noxious organic pollutant using recyclable and reusable polyaniline coupled WO ₃ /WS ₂ nanohybrid. <i>Journal of Cleaner Production</i> , 2022 , 330, 129942	10.3	0
130	Adsorption and photocatalytic scavenging of 2-chlorophenol using carbon nitride-titania nanotubes based nanocomposite: Experimental data, kinetics and mechanism. <i>Data in Brief</i> , 2021 , 34, 106664	1.2	1
129	Facile synthesis of silver decorated reduced graphene oxide@zinc oxide as ternary nanocomposite: an efficient photocatalyst for the enhanced degradation of organic dye under UV-visible light. <i>Journal of Materials Science</i> , 2021 , 56, 7434-7450	4.3	6
128	Arsenic bioaccumulation in arsenic-contaminated soil: a review. <i>Chemical Papers</i> , 2020 , 74, 2743-2757	1.9	4
127	Novel hybrid multifunctional composite of chitosan and altered basalt for barium adsorption: Experimental and theoretical studies. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 593, 124613	5.1	13
126	Design of ternary Ni(OH) ₂ /graphene oxide/TiO ₂ nanocomposite for enhanced photocatalytic degradation of organic, microbial contaminants, and aerobic digestion of dairy wastewater. <i>Journal of Cleaner Production</i> , 2020 , 258, 120588	10.3	26
125	A recyclable multifunctional graphene oxide/SiO ₂ @polyaniline microspheres composite for Cu(II) and Cr(VI) decontamination from wastewater. <i>Journal of Cleaner Production</i> , 2020 , 268, 122290	10.3	27
124	Hydrothermal synthesis of structurally variable binary CuAl, MnAl and ternary CuMnAl hydroxides for oxytetracycline antibiotic adsorption. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 103535	6.8	19
123	Synthesis and characterization of CuFe ₂ O ₄ /NiMgAl-LDH composite for the efficient removal of oxytetracycline antibiotic. <i>Journal of Saudi Chemical Society</i> , 2020 , 24, 139-150	4.3	15
122	Experimental design and data on the adsorption and photocatalytic properties of boron nitride/cadmium aluminate composite for Cr(VI) and cefoxitin sodium antibiotic. <i>Data in Brief</i> , 2020 , 28, 105051	1.2	3
121	Photocatalytic degradation of cefoxitin sodium antibiotic using novel BN/CdAl ₂ O ₄ composite. <i>Journal of Cleaner Production</i> , 2020 , 246, 119076	10.3	24
120	Fabrication of SiO ₂ /CuFe ₂ O ₄ /polyaniline composite: A highly efficient adsorbent for heavy metals removal from aquatic environment. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 7533-7543	5.9	13
119	Exfoliated Clay Decorated with Magnetic Iron Nanoparticles for Crystal Violet Adsorption: Modeling and Physicochemical Interpretation. <i>Nanomaterials</i> , 2020 , 10,	5.4	11
118	Experimental and Theoretical Studies of Methyl Orange Uptake by Mn-Rich Synthetic Mica: Insights into Manganese Role in Adsorption and Selectivity. <i>Nanomaterials</i> , 2020 , 10,	5.4	15
117	A facile synthesis of bismuth oxychloride-graphene oxide composite for visible light photocatalysis of aqueous diclofenac sodium. <i>Scientific Reports</i> , 2020 , 10, 14191	4.9	10
116	Fabrication of Novel Al(OH) ₃ /CuMnAl-Layered Double Hydroxide for Detoxification of Organic Contaminants from Aqueous Solution. <i>ACS Omega</i> , 2019 , 4, 18268-18278	3.9	20
115	Novel AlO/GO/halloysite nanotube composite for sequestration of anionic and cationic dyes.. <i>RSC Advances</i> , 2019 , 9, 13916-13926	3.7	12

114	Catalytic Pyrolysis of Plastic Waste: Moving Toward Pyrolysis Based Biorefineries. <i>Frontiers in Energy Research</i> , 2019 , 7,	3.8	117
113	Untapped potential of zeolites in optimization of food waste composting. <i>Journal of Environmental Management</i> , 2019 , 241, 99-112	7.9	18
112	Synthesis and characterization of S-doped-rGO/ZnS nanocomposite for the photocatalytic degradation of 2-chlorophenol and disinfection of real dairy wastewater. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019 , 377, 190-197	4.7	20
111	Butterfly cluster like lamellar BiOBr/TiO nanocomposite for enhanced sunlight photocatalytic mineralization of aqueous ciprofloxacin. <i>Science of the Total Environment</i> , 2019 , 665, 668-677	10.2	77
110	Adsorption modeling and mechanistic insight of hazardous chromium on para toluene sulfonic acid immobilized-polyaniline@CNTs nanocomposites. <i>Journal of Saudi Chemical Society</i> , 2019 , 23, 188-197	4.3	20
109	Synthesis of Graphene Oxide/Silica/Carbon Nanotubes Composite for Removal of Dyes from Wastewater. <i>Earth Systems and Environment</i> , 2019 , 3, 651-659	7.5	21
108	Construction of a ternary g-CN/TiO@polyaniline nanocomposite for the enhanced photocatalytic activity under solar light. <i>Scientific Reports</i> , 2019 , 9, 12091	4.9	34
107	CuO sputtered flexible polyaniline@graphene thin films:A recyclable photocatalyst with enhanced electrical properties. <i>Composites Part B: Engineering</i> , 2019 , 175, 107092	10	23
106	S-rGO/ZnS nanocomposite-mediated photocatalytic pretreatment of dairy wastewater to enhance aerobic digestion. <i>Korean Journal of Chemical Engineering</i> , 2019 , 36, 1281-1290	2.8	4
105	Adsorptive removal of antibiotics from water over natural and modified adsorbents. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 34775-34788	5.1	21
104	Synthesis of CuO@TiO ₂ visible light photocatalyst for 2-chlorophenol degradation, pretreatment of dairy wastewater and aerobic digestion. <i>Applied Nanoscience (Switzerland)</i> , 2019 , 9, 579-591	3.3	13
103	Modified Adsorbents for Removal of Heavy Metals from Aqueous Environment: A Review. <i>Earth Systems and Environment</i> , 2019 , 3, 83-93	7.5	27
102	Sulfonated polyether sulfone reinforced multiwall carbon nanotubes composite for the removal of lead in wastewater. <i>Applied Nanoscience (Switzerland)</i> , 2019 , 9, 1695-1705	3.3	5
101	Remediation of wastewater using various nano-materials. <i>Arabian Journal of Chemistry</i> , 2019 , 12, 4897-4919	3.9	316
100	Adsorption and anion exchange insight of indigo carmine onto CuAl-LDH/SWCNTs nanocomposite: kinetic, thermodynamic and isotherm analysis.. <i>RSC Advances</i> , 2018 , 9, 560-568	3.7	32
99	Simple and sustainable route for large scale fabrication of few layered molybdenum disulfide sheets towards superior adsorption of the hazardous organic pollutant. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 7792-7800	2.1	10
98	Development of biochar as fuel and catalyst in energy recovery technologies. <i>Journal of Cleaner Production</i> , 2018 , 188, 477-488	10.3	106
97	Synthesis of CrO/CN composite for enhancement of visible light photocatalysis and anaerobic digestion of wastewater sludge. <i>Journal of Environmental Management</i> , 2018 , 212, 65-76	7.9	21

96	Optimizing the process of food waste compost and valorizing its applications: A case study of Saudi Arabia. <i>Journal of Cleaner Production</i> , 2018 , 176, 426-438	10.3	50
95	Effect of advanced catalysts on tire waste pyrolysis oil. <i>Chemical Engineering Research and Design</i> , 2018 , 116, 542-552	5.5	39
94	Stabilized fabrication of anatase-TiO/FeS (pyrite) semiconductor composite nanocrystals for enhanced solar light-mediated photocatalytic degradation of methylene blue.. <i>RSC Advances</i> , 2018 , 8, 11935-11945	3.7	23
93	Optimization of food waste compost with the use of biochar. <i>Journal of Environmental Management</i> , 2018 , 216, 70-81	7.9	89
92	Untapped conversion of plastic waste char into carbon-metal LDOs for the adsorption of Congo red. <i>Journal of Colloid and Interface Science</i> , 2018 , 511, 402-410	9.3	61
91	Visible light photocatalytic disintegration of waste activated sludge for enhancing biogas production. <i>Journal of Environmental Management</i> , 2018 , 216, 120-127	7.9	18
90	Structural, optical, and photocatalytic investigation of nickel oxide@graphene oxide nanocomposite thin films by RF magnetron sputtering. <i>Journal of Materials Science</i> , 2018 , 53, 15034-15050	4.3	22
89	Valorization of biogas production through disintegration of waste activated sludge using visible light ZnO-ZnS/Ag ₂ O-Ag ₂ S photocatalyst. <i>Chemical Engineering Research and Design</i> , 2018 , 119, 330-339	5.5	13
88	A polyaniline@MoS ₂ -based organic/inorganic nanohybrid for the removal of Congo red: adsorption kinetic, thermodynamic and isotherm studies. <i>New Journal of Chemistry</i> , 2018 , 42, 18802-18809	3.6	28
87	Carbon nitride/titania nanotubes composite for photocatalytic degradation of organics in water and sludge: Pre-treatment of sludge, anaerobic digestion and biogas production. <i>Journal of Environmental Management</i> , 2018 , 223, 495-502	7.9	16
86	Effect of zeolite catalysts on pyrolysis liquid oil. <i>International Biodeterioration and Biodegradation</i> , 2017 , 119, 162-175	4.8	76
85	Anion selective pTSA doped polyaniline@graphene oxide-multiwalled carbon nanotube composite for Cr(VI) and Congo red adsorption. <i>Journal of Colloid and Interface Science</i> , 2017 , 496, 407-415	9.3	121
84	Visible light driven photocatalytic degradation of organic pollutants in wastewater and real sludge using ZnO-ZnS/Ag ₂ O-Ag ₂ S nanocomposite. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2017 , 77, 227-235	5.3	33
83	Oxidized g-CN/polyaniline nanofiber composite for the selective removal of hexavalent chromium. <i>Scientific Reports</i> , 2017 , 7, 12850	4.9	60
82	Facile spectroscopic approach to obtain the optoelectronic properties of few-layered graphene oxide thin films and their role in photocatalysis. <i>New Journal of Chemistry</i> , 2017 , 41, 14217-14227	3.6	26
81	Immobilized Microbial Biosorbents for Wastewater Remediation 2017 , 101-128		
80	Plastic waste to liquid oil through catalytic pyrolysis using natural and synthetic zeolite catalysts. <i>Waste Management</i> , 2017 , 69, 66-78	8.6	143
79	Fabrication of ZnO-ZnS@polyaniline nanohybrid for enhanced photocatalytic degradation of 2-chlorophenol and microbial contaminants in wastewater. <i>International Biodeterioration and Biodegradation</i> , 2017 , 119, 66-77	4.8	43

78	Effect of plastic waste types on pyrolysis liquid oil. <i>International Biodeterioration and Biodegradation</i> , 2017 , 119, 239-252	4.8	198
77	Hybrid chitosan/polyaniline-polypyrrole biomaterial for enhanced adsorption and antimicrobial activity. <i>Journal of Colloid and Interface Science</i> , 2017 , 490, 488-496	9.3	71
76	The Energy and Value-Added Products from Pyrolysis of Waste Plastics. <i>Environmental Footprints and Eco-design of Products and Processes</i> , 2016 , 333-355	0.9	22
75	Role of N doping on the structural, optical and photocatalytic properties of the silver deposited ZnO thin films. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 69, 131-138	5.3	12
74	Facile route to a conducting ternary polyaniline@TiO ₂ /GN nanocomposite for environmentally benign applications: photocatalytic degradation of pollutants and biological activity. <i>RSC Advances</i> , 2016 , 6, 111308-111317	3.7	37
73	Ag Sm 2 O 3 nanocomposite for environmental remediation of cyanide from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 65, 134-139	5.3	10
72	Catalytic pyrolysis of plastic waste: A review. <i>Chemical Engineering Research and Design</i> , 2016 , 102, 822-838	5.9	371
71	Wastewater sludge stabilization using pre-treatment methods. <i>Chemical Engineering Research and Design</i> , 2016 , 102, 615-632	5.5	117
70	UV-irradiated carbon nanotubes synthesized from fly ash for adsorption of congo red dyes in aqueous solution. <i>Desalination and Water Treatment</i> , 2016 , 57, 21534-21544		5
69	Photocatalytic Activity Enhancement of Titanium Dioxide Nanoparticles. <i>Springer Briefs in Molecular Science</i> , 2016 ,	0.6	3
68	Photocatalytic Activity Enhancement of Titanium Dioxide Nanoparticles. <i>Springer Briefs in Molecular Science</i> , 2016 , 1-29	0.6	2
67	Synthesis and Characterization of Ag-Ag ₂ O/TiO ₂ @polypyrrole Heterojunction for Enhanced Photocatalytic Degradation of Methylene Blue. <i>Catalysts</i> , 2016 , 6, 76	4	47
66	Synthesis and characterization of Fe/Al binary oxyhydroxides/ MWCNTs nanocomposite for the removal of Cr(VI) from aqueous solution. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 63, 303-311	5.3	25
65	Influence of temperature and reaction time on the conversion of polystyrene waste to pyrolysis liquid oil. <i>Waste Management</i> , 2016 , 58, 250-259	8.6	104
64	Synthesis of PVC/CNT nanocomposite fibers using a simple deposition technique for the application of Alizarin Red S (ARS) removal. <i>RSC Advances</i> , 2015 , 5, 14393-14399	3.7	21
63	ZnO-nanoparticles thin films synthesized by RF sputtering for photocatalytic degradation of 2-chlorophenol in synthetic wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 23, 134-139	6.3	35
62	Facile strategy for the synthesis of non-covalently bonded and para-toluene sulfonic acid-functionalized fibrous polyaniline@graphene/PVC nanocomposite for the removal of Congo red. <i>New Journal of Chemistry</i> , 2015 , 39, 7004-7011	3.6	21
61	Simple route for the generation of differently functionalized PVC@graphene/polyaniline fiber bundles for the removal of Congo red from wastewater. <i>RSC Advances</i> , 2015 , 5, 61486-61494	3.7	35

60	Rice husk ash as a renewable source for the production of zeolite NaY and its characterization. <i>Arabian Journal of Chemistry</i> , 2015 , 8, 48-53	5.9	84
59	Zinc and cadmium accumulation by <i>Lupinus uncinatus</i> Schldl. grown in nutrient solution. <i>International Journal of Environmental Science and Technology</i> , 2015 , 12, 307-316	3.3	4
58	Synthesis and characterization of porous magnetic silica composite for the removal of heavy metals from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2015 , 23, 93-99	6.3	34
57	Fe ₃ O ₄ /SiO ₂ /TiO ₂ nanoparticles for photocatalytic degradation of 2-chlorophenol in simulated wastewater. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 3149-57	5.1	56
56	Zero valent Ag deposited TiO ₂ for the efficient photocatalysis of methylene blue under UV-C light irradiation. <i>Colloids and Interface Science Communications</i> , 2015 , 5, 1-4	5.4	53
55	Activated carbon from residual oil fly ash for heavy metals removal from aqueous solution. <i>Desalination and Water Treatment</i> , 2015 , 1-10		14
54	Enhancement of photocatalytic activity of zinc/cobalt spinel oxides by doping with ZrO ₂ for visible light photocatalytic degradation of 2-chlorophenol in wastewater. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014 , 284, 1-7	4.7	62
53	Equilibrium and kinetics of Pb ²⁺ adsorption from aqueous solution by dendrimer/titania composites. <i>Desalination and Water Treatment</i> , 2014 , 52, 5869-5875		16
52	Ag/ZnO nanoparticles thin films as visible light photocatalysts. <i>RSC Advances</i> , 2014 , 4, 56892-56899	3.7	30
51	InVO ₄ /TiO ₂ composite for visible-light photocatalytic degradation of 2-chlorophenol in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 2153-9	2.6	28
50	Synthesis and characterization of a starch/AlOOH/FeS ₂ nanocomposite for the adsorption of congo red dye from aqueous solution. <i>RSC Advances</i> , 2014 , 4, 38334-38340	3.7	61
49	Removal of tannic acid from aqueous solution by magnetic carbohydrate natural polymer. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 2992-2997	6.3	15
48	Synthesis and characterization of carbon/AlOOH composite for adsorption of chromium(VI) from synthetic wastewater. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 4202-4206	6.3	32
47	Adsorption of Brilliant Green by Surfactant Doped Polyaniline/MWCNTs Composite: Evaluation of the Kinetic, Thermodynamic, and Isotherm. <i>Industrial & Engineering Chemistry Research</i> , 2014 , 53, 7167-7175	3.9	48
46	Immobilization of Ni and Cd in Soil by Biochar Derived From Unfertilized Dates. <i>Water, Air, and Soil Pollution</i> , 2014 , 225, 1	2.6	34
45	Pt nanoparticles/TiO ₂ for photocatalytic degradation of phenols in wastewater. <i>Environmental Technology (United Kingdom)</i> , 2014 , 35, 137-44	2.6	39
44	Metal ion remediation by polyamidoamine dendrimers: a comparison of metal ion, oxidation state, and titania immobilization. <i>International Journal of Environmental Science and Technology</i> , 2014 , 11, 1497-1502	2.3	11
43	EDTA functionalized silica for removal of Cu(II), Zn(II) and Ni(II) from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2013 , 408, 200-5	9.3	76

42	Verification of Organic Capping Agent Removal from Supported Colloidal Synthesized Pt Nanoparticle Catalysts. <i>Topics in Catalysis</i> , 2013 , 56, 1835-1842	2.3	17
41	Titania-supported silver-based bimetallic nanoparticles as photocatalysts. <i>Environmental Science and Pollution Research</i> , 2013 , 20, 3751-9	5.1	27
40	l-Methionine modified Dowex-50 ion-exchanger of reduced size for the separation and removal of Cu(II) and Ni(II) from aqueous solution. <i>Chemical Engineering Journal</i> , 2013 , 218, 32-38	14.7	37
39	Decolourization of hazardous brilliant green from aqueous solution using binary oxidized cactus fruit peel. <i>Chemical Engineering Journal</i> , 2013 , 226, 377-383	14.7	52
38	Remediation of Cu(II), Ni(II), and Cr(III) ions from simulated wastewater by dendrimer/titania composites. <i>Journal of Environmental Management</i> , 2013 , 117, 50-7	7.9	69
37	Adsorptive removal of dyes from aqueous solution onto carbon nanotubes: a review. <i>Advances in Colloid and Interface Science</i> , 2013 , 193-194, 24-34	14.3	902
36	Utilization of anion exchange resin Spectra/Gel for separation of arsenic from water. <i>Arabian Journal of Chemistry</i> , 2013 , 6, 307-311	5.9	13
35	DBSA doped polyaniline/multi-walled carbon nanotubes composite for high efficiency removal of Cr(VI) from aqueous solution. <i>Chemical Engineering Journal</i> , 2013 , 228, 748-755	14.7	103
34	Pt-Doped TiO ₂ Nanoparticles for Photocatalytic Degradation of Phenols in Wastewater 2013 , 309-322		
33	Immobilization of Silver-based Bimetallic Nanoparticles on Titania-Support for Photocatalysis. <i>Journal of Physics: Conference Series</i> , 2013 , 431, 012020	0.3	1
32	Zeolite Y from rice husk ash encapsulated with Ag-TiO ₂ : characterization and applications for photocatalytic degradation catalysts. <i>Desalination and Water Treatment</i> , 2013 , 51, 7562-7569		12
31	Recovery of Zinc from Zinc Ash and Flue Dust by Pyrometallurgical Processing 2013 , 211-223		
30	Pt-doped TiO ₂ nanoparticles for photocatalytic degradation of phenols in wastewater 2013 , 309-322		
29	Methanol oxidation over silica-supported Pt and Ag nanoparticles: Toward selective production of hydrogen and carbon dioxide. <i>Catalysis Communications</i> , 2012 , 28, 128-133	3.2	23
28	Enhancement of Photocatalytic Activity of ZnO/SiO ₂ by Nanosized Pt for Photocatalytic Degradation of Phenol in Wastewater. <i>International Journal of Photoenergy</i> , 2012 , 2012, 1-8	2.1	7
27	Adsorption and photodegradation of Procion yellow H-EXL dye in textile wastewater over TiO ₂ suspension. <i>Journal of Hydro-Environment Research</i> , 2011 , 5, 137-142	2.3	36
26	New trends in removing heavy metals from industrial wastewater. <i>Arabian Journal of Chemistry</i> , 2011 , 4, 361-377	5.9	1762
25	Iron chelation by polyamidoamine dendrimers: a second-order kinetic model for metal-amine complexation. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 13534-40	3.4	40

24	Polymer-enhanced ultrafiltration process for heavy metals removal from industrial wastewater. <i>Desalination</i> , 2010 , 256, 90-93	10.3	213
23	Utilization of aluminum sludge and aluminum slag (dross) for the manufacture of calcium aluminate cement. <i>Ceramics International</i> , 2009 , 35, 3381-3388	5.1	63
22	Cationic hydrogels for toxic arsenate removal from aqueous environment. <i>Journal of Environmental Management</i> , 2008 , 88, 955-61	7.9	84
21	Electrophoretic ZnO/TiO ₂ /ZnO nanocomposite coating films for photocatalytic degradation of 2-chlorophenol. <i>Applied Surface Science</i> , 2008 , 254, 4577-4583	6.7	74
20	Visible light photocatalysis with nitrogen-doped titanium dioxide nanoparticles prepared by plasma assisted chemical vapor deposition. <i>Journal of Vacuum Science & Technology B</i> , 2006 , 24, 1210		36
19	Hydrometallurgical Recovery of Zinc from Fine Blend of Galvanization Processes. <i>Separation Science and Technology</i> , 2006 , 41, 1757-1772	2.5	11
18	Recovery and separation of palladium from spent catalyst. <i>Applied Catalysis A: General</i> , 2006 , 301, 182-186	3.6	84
17	Regeneration of spent alkali from aluminum washing. <i>Separation and Purification Technology</i> , 2005 , 46, 214-218	8.3	11
16	Adsorption behavior of copper and cyanide ions at TiO ₂ -solution interface. <i>Journal of Colloid and Interface Science</i> , 2005 , 291, 345-52	9.3	76
15	Photocatalytic degradation of 2-chlorophenol by Co-doped TiO ₂ nanoparticles. <i>Applied Catalysis B: Environmental</i> , 2005 , 57, 23-30	21.8	269
14	Hydrogen peroxide-assisted photocatalytic oxidation of phenolic compounds. <i>Applied Catalysis B: Environmental</i> , 2005 , 59, 99-104	21.8	93
13	Removing Al and regenerating caustic soda from the spent washing liquor of Al etching. <i>Jom</i> , 2005 , 57, 34-38	2.1	6
12	Effect of cobalt doping on the phase transformation of TiO ₂ nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2005 , 5, 759-65	1.3	67
11	Recovery of platinum from spent catalyst. <i>Hydrometallurgy</i> , 2004 , 72, 179-184	4	116
10	Removal of toxic cyanide and Cu(II) ions from water by illuminated TiO ₂ catalyst. <i>Applied Catalysis B: Environmental</i> , 2004 , 53, 13-20	21.8	126
9	Kinetic parameters associated with self-heating of New Zealand coals under adiabatic conditions. <i>Mineralogical Magazine</i> , 2003 , 67, 665-670	1.7	5
8	The pyrometallurgical processing of galvanizing zinc ash and flue dust. <i>Jom</i> , 2003 , 55, 26-29	2.1	12
7	Energy saving and pollution control for short rotary furnace in secondary lead smelters. <i>Renewable Energy</i> , 2001 , 23, 561-577	8.1	15

6	Utilization of spent copper-pickle liquor for recovery of metal values. <i>Renewable Energy</i> , 2001 , 23, 651-662	7
5	Recovery of Metal Values from Car-Radiator Scrap. <i>Separation Science and Technology</i> , 2000 , 35, 2359-2374	1
4	Recovery of metal values from zinc solder dross. <i>Waste Management</i> , 1999 , 19, 503-507	8.6 13
3	Recovering metal values hydrometallurgically from spent dry battery cells. <i>Jom</i> , 1999 , 51, 41-43	2.1 8
2	Recovery of lead, tin and indium from alloy wire scrap. <i>Hydrometallurgy</i> , 1998 , 49, 63-73	4 55
1	Active nickel catalyst from metallurgical waste. <i>Hydrometallurgy</i> , 1993 , 32, 99-109	4 1