

# Balasubramanian Natesan

## List of Publications by Year in descending order

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134  
papers

3,934  
citations

126708

33  
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149479

56  
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137  
all docs

137  
docs citations

137  
times ranked

4977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical recovery of hydrogen and elemental sulfur from hydrogen sulfide gas by two-cell system. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2023, 45, 9602-9615.	1.2	3
2	Brick Shaped Vanadium Nitride/Graphene Nanocomposite as Highly Efficient Counter Electrode Catalyst for Pt Free Dye-Sensitized Solar Cell. <i>ChemistrySelect</i> , 2022, 7, .	0.7	3
3	Curcumin Is an Iconic Ligand for Detecting Environmental Pollutants. <i>Bioinorganic Chemistry and Applications</i> , 2022, 2022, 1-12.	1.8	7
4	Development of photochemical integrated submerged membrane bioreactor for textile dyeing wastewater treatment. <i>Environmental Geochemistry and Health</i> , 2021, 43, 885-896.	1.8	19
5	A novel Ag/carrageenan-gelatin hybrid hydrogel nanocomposite and its biological applications: Preparation and characterization. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104257.	1.5	23
6	Graphene and graphene-like structure from biomass for Electrochemical Energy Storage application-A Review. <i>Electrochemical Science Advances</i> , 2021, 1, e2000028.	1.2	13
7	Magnetically Recoverable Graphene Oxide Wrapped CuCo <sub>2</sub> S <sub>4</sub> /Iron Oxides Composites for Supercapacitor Application and Fenton Degradation of Organic Molecules. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1978-1991.	1.9	3
8	Metal organic framework derived magnetically recoverable CuFe <sub>2</sub> O <sub>4</sub> porous cubes for efficient photocatalytic application. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108405.	1.8	20
9	Physiochemical characterization and toxicity assessment of colloidal mercuric formulation-Sivanar amirtham™. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111607.	2.5	2
10	Enhanced Photocatalytic Activity of Cu <sub>2</sub> O Cabbage/RGO Nanocomposites under Visible Light Irradiation. <i>Polymers</i> , 2021, 13, 1712.	2.0	9
11	A study on novel coupled membrane bioreactor with electro oxidation for biofouling reduction. <i>Environmental Engineering Research</i> , 2021, 26, 200039-0.	1.5	5
12	Kinetic and residence time distribution modeling of tubular electrochemical reactor: analysis of results using Taguchi method. <i>Water Practice and Technology</i> , 2021, 16, 108-116.	1.0	4
13	Effect of Nanoparticles on the Viscosity Alteration of Vacuum Residue. <i>Lecture Notes in Civil Engineering</i> , 2021, , 419-424.	0.3	8
14	Facile large scale synthesis of CuCr <sub>2</sub> O <sub>4</sub> /CuO nanocomposite using MOF route for photocatalytic degradation of methylene blue and tetracycline under visible light. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5365.	1.7	28
15	Characterization of antifungal metabolite phenazine from rice rhizosphere fluorescent pseudomonads (FPs) and their effect on sheath blight of rice. <i>Saudi Journal of Biological Sciences</i> , 2020, 27, 3313-3326.	1.8	21
16	Solvothermal synthesis and characterizations of graphene-ZnBi <sub>2</sub> O <sub>7</sub> nanocomposites for visible-light driven photocatalytic applications. <i>Ceramics International</i> , 2020, 46, 18534-18543.	2.3	12
17	Sonochemical synthesis and visible light induced photocatalytic property of reduced graphene oxide@ZnO hexagonal hollow rod nanocomposite. <i>Journal of Alloys and Compounds</i> , 2020, 836, 155377.	2.8	32
18	Preparation of activated petroleum coke for supercapacitor application. <i>Energy Storage</i> , 2020, 2, e151.	2.3	6

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19	Bismuth Enriched Materials for Pseudo Capacitor Applications. , 2020, , .		1
20	Biogas from confectionery wastewater with the application of ultrasound pre-treatment. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2019, , 1-12.	1.2	2
21	Effect of Zeta Potential on Chitosan Doped Cerium Oxide in the Decolorization of Cationic Dye under Visible Light Irradiation. Fibers and Polymers, 2019, 20, 1418-1423.	1.1	1
22	Immuno-MALDI MS dataset for improved detection of HCVcoreAg in sera. Data in Brief, 2019, 25, 104240.	0.5	6
23	Evaluation of advanced oxidation processes (AOPs) integrated membrane bioreactor (MBR) for the real textile wastewater treatment. Journal of Environmental Management, 2019, 246, 768-775.	3.8	82
24	Study on the inflammatory response of PMMA/polystyrene/silica nanocomposite membranes for drug delivery and dental applications. PLoS ONE, 2019, 14, e0209948.	1.1	14
25	Development of integrated membrane bioreactor and numerical modeling to mitigate fouling and reduced energy consumption in pharmaceutical wastewater treatment. Journal of Industrial and Engineering Chemistry, 2019, 76, 150-159.	2.9	13
26	Biofilm development and computational screening for new putative inhibitors of a homolog of the regulatory protein BrpA in Streptococcus dysgalactiae subsp. dysgalactiae. International Journal of Medical Microbiology, 2019, 309, 169-181.	1.5	15
27	Development of sequential batch ozonated adsorptive membrane bioreactor to mitigate fouling with reduced energy consumption. Korean Journal of Chemical Engineering, 2019, 36, 265-271.	1.2	4
28	Graphene oxide functionalized with chitosan based nanoparticles as a carrier of siRNA in regulating Bcl-2 expression on Saos-2 & MG-63 cancer cells and its inflammatory response on bone marrow derived cells from mice. Materials Science and Engineering C, 2019, 99, 1459-1468.	3.8	25
29	Quaternary PtRuFeCo nanoparticles supported N-doped graphene as an efficient bifunctional electrocatalyst for low-temperature fuel cells. Journal of Industrial and Engineering Chemistry, 2019, 69, 285-294.	2.9	32
30	Detection of mercury ions using L-cysteine modified electrodes by anodic stripping voltammetric method. AIP Conference Proceedings, 2018, , .	0.3	4
31	Facile solvothermal synthesis of BiOI microsquares as a novel electrode material for supercapacitor applications. Materials Letters, 2018, 210, 109-112.	1.3	31
32	A PDDA functionalized nitrogen and sulphur doped graphene composite as the counter electrode for dye-sensitized solar cells. New Journal of Chemistry, 2018, 42, 10184-10190.	1.4	7
33	Electromagnetic interference (EMI) shielding performance of lightweight metal decorated carbon nanostructures dispersed in flexible polyvinylidene fluoride films. New Journal of Chemistry, 2018, 42, 12945-12953.	1.4	34
34	Water, energy, and materials science. MRS Bulletin, 2018, 43, 403-403.	1.7	0
35	Green synthesis of $\text{Fe}_2\text{O}_3/\text{BiPO}_4$ composite and its biopolymeric beads for enhanced photocatalytic application. Journal of Materials Science: Materials in Electronics, 2018, 29, 14733-14745.	1.1	12
36	Tailoring the properties of cerium doped zinc oxide/reduced graphene oxide composite: Characterization, photoluminescence study, antibacterial activity. Ceramics International, 2018, 44, 19725-19734.	2.3	21

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37	Augmentation of graphite purity from mineral resources and enhancing % graphitization using microwave irradiation: XRD and Raman studies. <i>Diamond and Related Materials</i> , 2018, 88, 129-136.	1.8	49
38	Molecular Cloning and Docking of speB Gene Encoding Cysteine Protease With Antibiotic Interaction in <i>Streptococcus pyogenes</i> NBMKU12 From the Clinical Isolates. <i>Frontiers in Microbiology</i> , 2018, 9, 1658.	1.5	0
39	Physiochemical characterization and cytotoxicity evaluation of mercury-based formulation for the development of anticancer therapeutics. <i>PLoS ONE</i> , 2018, 13, e0195800.	1.1	9
40	Clinical strains of <i>Streptococcus agalactiae</i> carry two different variants of pathogenicity island XII. <i>Folia Microbiologica</i> , 2017, 62, 393-399.	1.1	2
41	Ternary PtRuFe nanoparticles supported N-doped graphene as an efficient bifunctional catalyst for methanol oxidation and oxygen reduction reactions. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30738-30749.	3.8	40
42	Effect of barite and gas oil drilling fluid additives on the reservoir rock characteristics. <i>Journal of Petroleum Exploration and Production</i> , 2017, 7, 281-292.	1.2	24
43	Treatment of Tannery Effluent Using a Rotating Disc Electrochemical Reactor. <i>Water Environment Research</i> , 2017, 89, 77-85.	1.3	20
44	High-entropy alloys: An interview with Jien-Wei Yeh. <i>MRS Bulletin</i> , 2016, 41, 905-906.	1.7	2
45	Preparation and characterizations of electroluminescent $\text{p-ZnO} : \text{N} / \text{n-ZnO} : \text{Ga} / \text{ITO}$ thin films by spray pyrolysis method. <i>AIP Advances</i> , 2016, 6, .	0.6	4
46	Solvothermal synthesis of $\text{BiPO}_4$ nanorods/MWCNT (1D-1D) composite for photocatalyst and supercapacitor applications. <i>Ceramics International</i> , 2016, 42, 14196-14205.	2.3	59
47	Enhanced photocatalytic activity of degradation of azo, phenolic and triphenyl methane dyes using novel octagon shaped $\text{BiOCl}$ discs/MWCNT composite. <i>Journal of Water Process Engineering</i> , 2016, 10, 165-171.	2.6	24
48	Enhanced Electromagnetic Interference Shielding in a $\text{Au} @ \text{MWCNT}$ Composite Nanostructure Dispersed PVDF Thin Films. <i>Journal of Physical Chemistry C</i> , 2016, 120, 13771-13778.	1.5	89
49	Electro oxidation of dye effluent in a tubular electrochemical reactor using $\text{TiO}_2 / \text{RuO}_2$ anode. <i>Journal of Water Process Engineering</i> , 2016, 9, 155-160.	2.6	16
50	Development of novel Ag modified $\text{BiOF}$ squares/g-C <sub>3</sub> N <sub>4</sub> composite for photocatalytic applications. <i>Materials Science in Semiconductor Processing</i> , 2016, 41, 59-66.	1.9	47
51	Energy Consumption and Greenhouse Gas Emission Studies of <i>Jatropha</i> Biodiesel Pathway by Life Cycle Assessment in India. <i>Indian Chemical Engineer</i> , 2016, 58, 255-267.	0.9	5
52	Kinetics for electro-oxidation of organic pollutants by using a packed-bed electrode reactor (PBER). <i>Chemical Engineering Journal</i> , 2016, 284, 240-246.	6.6	22
53	Heavy Metal Removal by Electrocoagulation Integrated Membrane Bioreactor. <i>Clean - Soil, Air, Water</i> , 2015, 43, 532-537.	0.7	11
54	$\text{Fe}_2\text{O}_3$ /reduced graphene oxide nanorod as efficient photocatalyst for methylene blue degradation. <i>Materials Research Innovations</i> , 2015, 19, 258-264.	1.0	32

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55	Equilibrium, kinetic and thermodynamic studies for the removal of Zn(II) and Ni(II) ions using magnetically recoverable graphene/Fe <sub>3</sub> O <sub>4</sub> composite. Desalination and Water Treatment, 2015, 56, 2485-2501.	1.0	13
56	Development of reduced graphene oxide/CuBi <sub>2</sub> O <sub>4</sub> hybrid for enhanced photocatalytic behavior under visible light irradiation. Ceramics International, 2015, 41, 6164-6168.	2.3	38
57	RSM and ANN modeling for electro-oxidation of simulated wastewater using CSTER. Desalination and Water Treatment, 2015, 55, 1445-1452.	1.0	3
58	Kinetic studies on anaerobic co-digestion of ultrasonic disintegrated feed and biomass and its effect substantiated by microcalorimetry. International Journal of Environmental Science and Technology, 2015, 12, 3029-3038.	1.8	12
59	Fabrication and characterization of magnetite/reduced graphene oxide composite incurred from iron ore tailings for high performance application. Materials Chemistry and Physics, 2015, 162, 400-407.	2.0	23
60	Facile large scale synthesis of Bi <sub>2</sub> S <sub>3</sub> nano rodsâ€“graphene composite for photocatalytic photoelectrochemical and supercapacitor application. Applied Surface Science, 2015, 351, 635-645.	3.1	111
61	Ag nanocrystals anchored CeO <sub>2</sub> /graphene nanocomposite for enhanced supercapacitor applications. Journal of Alloys and Compounds, 2015, 644, 534-544.	2.8	87
62	Platinum- polydopamine @SiO <sub>2</sub> nanocomposite modified electrode for the electrochemical determination of quercetin. Electrochimica Acta, 2015, 168, 16-24.	2.6	61
63	Nano Focus: Graphene meets metamaterial. MRS Bulletin, 2015, 40, 304-304.	1.7	0
64	Statistical modeling on COD removal from metal-working fluids through electrocoagulation process. Desalination and Water Treatment, 2015, 53, 2593-2603.	1.0	4
65	Visible light photocatalysis of Methylene blue by graphene-based ZnO and Ag/AgCl nanocomposites. Desalination and Water Treatment, 2015, 54, 2748-2756.	1.0	18
66	Statistical analysis of production of protease and esterase by a newly isolated Lysinibacillus fusiformis AU01: purification and application of protease in sub-culturing cell lines. Annals of Microbiology, 2015, 65, 33-46.	1.1	20
67	Environmental impact studies of biodiesel production from <i>Jatropha curcas</i> in india by life cycle assessment. Environmental Progress and Sustainable Energy, 2014, 33, 1340-1349.	1.3	9
68	Treatment of Petroleum Effluent Using a Tubular Electrochemical Reactor. Petroleum Science and Technology, 2014, 32, 1932-1939.	0.7	13
69	Graphene oxideâ€“BiOBr composite material as highly efficient photocatalyst for degradation of methylene blue and rhodamine-B dyes. Journal of Water Process Engineering, 2014, 1, 17-26.	2.6	106
70	Bacillus pumilus S124A carboxymethyl cellulase; a thermo stable enzyme with a wide substrate spectrum utility. International Journal of Biological Macromolecules, 2014, 67, 132-139.	3.6	35
71	Solvothermal synthesis of Sm-doped BiOBr/RGO composite as an efficient photocatalytic material for methyl orange degradation. Materials Letters, 2014, 128, 287-290.	1.3	31
72	Improvement of biodegradability index through electrocoagulation and advanced oxidation process. International Journal of Industrial Chemistry, 2014, 5, 1.	3.1	18

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73	d-Pencillamine assisted microwave synthesis of Bi <sub>2</sub> S <sub>3</sub> microflowers/RGO composites for photocatalytic degradation of "A facile green approach. <i>Ceramics International</i> , 2014, 40, 14051-14060.	2.3	46
74	Removal of heavy metals by hybrid electrocoagulation and microfiltration processes. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2897-2902.	1.2	21
75	Flow dynamics and mass transfer studies in a tubular electrochemical reactor with a mesh electrode. <i>Computers and Fluids</i> , 2013, 73, 97-103.	1.3	35
76	Waste minimization and recovery of valuable metals from spent lithium-ion batteries – a review. <i>Environmental Technology Reviews</i> , 2013, 2, 101-115.	2.1	51
77	Phase equilibria of methane and carbon dioxide clathrate hydrates in the presence of (methanol+MgCl <sub>2</sub> ) and (ethylene glycol+MgCl <sub>2</sub> ) aqueous solutions. <i>Journal of Chemical Thermodynamics</i> , 2013, 65, 198-203.	1.0	54
78	Characterization of DC, analog/RF, and low frequency noise in silicon-on-insulator nMOSFETs with different body-contact structures. <i>Solid-State Electronics</i> , 2013, 80, 55-58.	0.8	1
79	Electrocoagulation-integrated hybrid membrane processes for the treatment of tannery wastewater. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7441-7449.	2.7	42
80	In situ electro-catalytic treatment of a Reactive Golden Yellow HER synthetic dye effluent. <i>Journal of Environmental Chemical Engineering</i> , 2013, 1, 2-8.	3.3	11
81	Development of hybrid membrane bioreactor for tannery effluent treatment. <i>Desalination</i> , 2013, 309, 231-236.	4.0	91
82	An alternative treatment process for upgrade of petroleum refinery wastewater using electrocoagulation. <i>Petroleum Science</i> , 2013, 10, 421-430.	2.4	19
83	Cloning and molecular analysis of the aspartic protease Sc-ASP110 gene transcript in <i>Steinernema carpocapsae</i> . <i>Parasitology</i> , 2013, 140, 1158-1167.	0.7	3
84	Electro-coagulation treatment of oily wastewater with sludge analysis. <i>Water Science and Technology</i> , 2012, 66, 2533-2538.	1.2	9
85	Electrochemical treatment of Methyl Orange dye wastewater by rotating disc electrode: optimisation using response surface methodology. <i>Coloration Technology</i> , 2012, 128, 434-439.	0.7	6
86	Pepsin-like aspartic protease (Sc-ASP155) cloning, molecular characterization and gene expression analysis in developmental stages of nematode <i>Steinernema carpocapsae</i> . <i>Gene</i> , 2012, 500, 164-171.	1.0	15
87	Optimization of Integrated Electro-Bio Process for Bleaching Effluent Treatment. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 8211-8221.	1.8	14
88	Purification and Biochemical Characterization of a Novel Thermo-stable Carboxymethyl Cellulase from Azorean Isolate <i>Bacillus mycoides</i> S122C. <i>Applied Biochemistry and Biotechnology</i> , 2012, 168, 2191-2204.	1.4	20
89	Combined resistance bubbling bed model for drying of solids in fluidized beds. <i>Heat and Mass Transfer</i> , 2012, 48, 621-625.	1.2	5
90	Investigation into photocatalytic decolorisation of CI Reactive Black 5 using titanium dioxide nanopowder. <i>Coloration Technology</i> , 2012, 128, 44-50.	0.7	42

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91	Purification, molecular characterization and gene expression analysis of an aspartic protease (Sc-ASP113) from the nematode <i>Steinernema carpocapsae</i> during the parasitic stage. <i>Molecular and Biochemical Parasitology</i> , 2012, 182, 37-44.	0.5	16
92	Activation of palm shells by phosphoric acid impregnation for high yielding activated carbon. <i>Journal of Analytical and Applied Pyrolysis</i> , 2010, 88, 181-186.	2.6	175
93	Electrochemical degradation of specialty chemical industry effluent. <i>Journal of Hazardous Materials</i> , 2010, 176, 154-164.	6.5	49
94	Biochemical study and <i>in vitro</i> insect immune suppression by a trypsin-like secreted protease from the nematode <i>Steinernema carpocapsae</i> . <i>Parasite Immunology</i> , 2010, 32, 165-175.	0.7	67
95	Variations in the Design of Dual Fluidized Bed Gasifiers and the Quality of Syngas from Biomass. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2010, 33, 349-359.	1.2	8
96	The Significance of Indirectly Heated Gasifiers for the Generation of Medium Calorific Value Syngas Through Biomass Gasification. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2010, 32, 1579-1586.	1.2	7
97	Electrocoagulation of Textile Effluent: RSM and ANN Modeling. <i>International Journal of Chemical Reactor Engineering</i> , 2009, 7, .	0.6	11
98	Purification, biochemical and molecular analysis of a chymotrypsin protease with prophenoloxidase suppression activity from the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>International Journal for Parasitology</i> , 2009, 39, 975-984.	1.3	52
99	Electrochemical Degradation of Remazol Black B Dye Effluent. <i>Clean - Soil, Air, Water</i> , 2009, 37, 889-900.	0.7	61
100	Electrochemical degradation of pulp and paper industry wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1303-1313.	1.6	23
101	Augmentation of biodegradability of pulp and paper industry wastewater by electrochemical pre-treatment and optimization by RSM. <i>Separation and Purification Technology</i> , 2009, 69, 109-117.	3.9	89
102	Modeling electrowinning process in an expanded bed electrode. <i>Journal of Hazardous Materials</i> , 2009, 162, 154-160.	6.5	6
103	Ozonation of tannery effluent for removal of cod and color. <i>Journal of Hazardous Materials</i> , 2009, 166, 150-154.	6.5	90
104	Removal of arsenic from aqueous solution using electrocoagulation. <i>Journal of Hazardous Materials</i> , 2009, 167, 966-969.	6.5	119
105	Decolorization and COD reduction of paper industrial effluent using electro-coagulation. <i>Chemical Engineering Journal</i> , 2009, 151, 97-104.	6.6	104
106	Arsenic removal through electrocoagulation: Kinetic and statistical modeling. <i>Chemical Engineering Journal</i> , 2009, 155, 76-82.	6.6	96
107	Electrochemical regeneration of granular activated carbon saturated with organic compounds. <i>Chemical Engineering Journal</i> , 2009, 155, 763-768.	6.6	80
108	An investigation on drying of millet in fluidized beds. <i>Advanced Powder Technology</i> , 2009, 20, 298-302.	2.0	23



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109	Estimation of diffusion parameters in fluidized bed drying. <i>Advanced Powder Technology</i> , 2009, 20, 390-394.	2.0	21
110	Participation of Electrochemical Steps in Treating Tannery Wastewater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 9786-9796.	1.8	26
111	Pyrolysis of Scrap Tire for Preparation of Activated Carbon. <i>Journal of Solid Waste Technology and Management</i> , 2009, 35, 95-103.	0.2	0
112	Residence time distribution in continuous stirred tank electrochemical reactor. <i>Chemical Engineering Journal</i> , 2008, 142, 209-216.	6.6	29
113	An Analysis on Modeling of Fluidized Bed Drying of Granular Material. <i>Advanced Powder Technology</i> , 2008, 19, 73-82.	2.0	21
114	Estimation of the Heat Transfer Coefficient in a Liquid-Solid Fluidized Bed Using an Artificial Neural Network. <i>Advanced Powder Technology</i> , 2008, 19, 119-130.	2.0	8
115	Tanks in Series Model for Continuous Stirred Tank Electrochemical Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 2976-2984.	1.8	17
116	Studies on the Fluidized Bed Electrode. <i>International Journal of Chemical Reactor Engineering</i> , 2008, 6, .	0.6	5
117	Drying Kinetics in the Riser of Circulating Fluidized Bed with Internals. <i>Drying Technology</i> , 2007, 25, 1595-1599.	1.7	3
118	Analysis of Various Experimental Methods and Preparation of Mesoporous Activated Carbon Powders from Sawdust Using Phosphoric Acid. <i>Particulate Science and Technology</i> , 2007, 25, 535-548.	1.1	7
119	Drying Kinetics in a Vertical Gas-Solid System. <i>Chemical Engineering and Technology</i> , 2007, 30, 176-183.	0.9	3
120	Evaluation of Electro-Oxidation of Textile Effluent Using Response Surface Methods. <i>Clean - Soil, Air, Water</i> , 2007, 35, 355-361.	0.7	27
121	Electrochemical oxidation of textile wastewater and its reuse. <i>Journal of Hazardous Materials</i> , 2007, 147, 644-651.	6.5	298
122	Drying of granular materials in circulating fluidized beds. <i>Advanced Powder Technology</i> , 2007, 18, 135-142.	2.0	14
123	An Experimental and Modeling Investigation on Drying of Ragi ( <i>Eleusine corocana</i> ) in Fluidized Bed. <i>Drying Technology</i> , 2006, 24, 1683-1689.	1.7	20
124	In situ electrocatalytic oxidation of acid violet 12 dye effluent. <i>Journal of Hazardous Materials</i> , 2006, 136, 239-243.	6.5	59
125	Drying of Rubber Wood Sawdust Using Tray Dryer. <i>Particulate Science and Technology</i> , 2006, 24, 427-439.	1.1	13
126	Transition velocities in the riser of a circulating fluidized bed. <i>Advanced Powder Technology</i> , 2005, 16, 247-260.	2.0	15



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127	Effect of Different Cooling Modes on Crystal Size Distribution in a Batch Cooling Crystallizer for DL-Malic Acid. Particulate Science and Technology, 2005, 23, 159-167.	1.1	4
128	Hierarchical Petri Nets for Modeling Metabolic Phenotype in Prokaryotes. Industrial & Engineering Chemistry Research, 2005, 44, 2218-2240.	1.8	1
129	Petri-Net Models for Risk Analysis of Hazardous Liquid Loading Operations. Industrial & Engineering Chemistry Research, 2002, 41, 4823-4836.	1.8	10
130	A simplified approach to the drying of solids in a batch fluidised bed. Brazilian Journal of Chemical Engineering, 2002, 19, 293-298.	0.7	9
131	Arsenic Removal from Industrial Effluent through Electrocoagulation. Chemical Engineering and Technology, 2001, 24, 519.	0.9	102
132	Electrochemical Treatment of Simulated Textile Effluent. Chemical Engineering and Technology, 2001, 24, 749-753.	0.9	63
133	Hydrodynamic Aspects of a Circulating Fluidized Bed with Internals. Industrial & Engineering Chemistry Research, 1998, 37, 2548-2552.	1.8	7
134	Nitrogen-doped graphene/poly(3,4-ethylenedioxythiophene) as metal-free electrode material for high-performance supercapacitor applications. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 0, , 1-14.	1.2	3