

# Balasubramanian Natesan

## List of Publications by Year in descending order

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134  
papers

3,934  
citations

126708

33  
h-index

149479

56  
g-index

137  
all docs

137  
docs citations

137  
times ranked

4977  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrochemical oxidation of textile wastewater and its reuse. Journal of Hazardous Materials, 2007, 147, 644-651.	6.5	298
2	Activation of palm shells by phosphoric acid impregnation for high yielding activated carbon. Journal of Analytical and Applied Pyrolysis, 2010, 88, 181-186.	2.6	175
3	Removal of arsenic from aqueous solution using electrocoagulation. Journal of Hazardous Materials, 2009, 167, 966-969.	6.5	119
4	Facile large scale synthesis of Bi <sub>2</sub> S <sub>3</sub> nano rods-graphene composite for photocatalytic photoelectrochemical and supercapacitor application. Applied Surface Science, 2015, 351, 635-645.	3.1	111
5	Graphene oxide-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
6	Decolorization and COD reduction of paper industrial effluent using electro-coagulation. Chemical Engineering Journal, 2009, 151, 97-104.	6.6	104
7	Arsenic Removal from Industrial Effluent through Electrocoagulation. Chemical Engineering and Technology, 2001, 24, 519.	0.9	102
8	Arsenic removal through electrocoagulation: Kinetic and statistical modeling. Chemical Engineering Journal, 2009, 155, 76-82.	6.6	96
9	Development of hybrid membrane bioreactor for tannery effluent treatment. Desalination, 2013, 309, 231-236.	4.0	91
10	Ozonation of tannery effluent for removal of cod and color. Journal of Hazardous Materials, 2009, 166, 150-154.	6.5	90
11	Augmentation of biodegradability of pulp and paper industry wastewater by electrochemical pre-treatment and optimization by RSM. Separation and Purification Technology, 2009, 69, 109-117.	3.9	89
12	Enhanced Electromagnetic Interference Shielding in a Au-MWCNT Composite Nanostructure Dispersed PVDF Thin Films. Journal of Physical Chemistry C, 2016, 120, 13771-13778.	1.5	89
13	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
14	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
15	Electrochemical regeneration of granular activated carbon saturated with organic compounds. Chemical Engineering Journal, 2009, 155, 763-768.	6.6	80
16	Biochemical study and <i>in vitro</i> insect immune suppression by a trypsin-like secreted protease from the nematode <i>Steinernema carpocapsae</i> . Parasite Immunology, 2010, 32, 165-175.	0.7	67
17	Electrochemical Treatment of Simulated Textile Effluent. Chemical Engineering and Technology, 2001, 24, 749-753.	0.9	63
18	Electrochemical Degradation of Remazol Black B Dye Effluent. Clean - Soil, Air, Water, 2009, 37, 889-900.	0.7	61

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19	Platinum- polydopamine @SiO <sub>2</sub> nanocomposite modified electrode for the electrochemical determination of quercetin. <i>Electrochimica Acta</i> , 2015, 168, 16-24.	2.6	61
20	In situ electrocatalytic oxidation of acid violet 12 dye effluent. <i>Journal of Hazardous Materials</i> , 2006, 136, 239-243.	6.5	59
21	Solvothermal synthesis of BiPO <sub>4</sub> nanorods/MWCNT (1D-1D) composite for photocatalyst and supercapacitor applications. <i>Ceramics International</i> , 2016, 42, 14196-14205.	2.3	59
22	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
23	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
24	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
25	Electrochemical degradation of specialty chemical industry effluent. <i>Journal of Hazardous Materials</i> , 2010, 176, 154-164.	6.5	49
26	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
27	Development of novel Ag modified 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
28	d-Pencillamine assisted microwave synthesis of Bi <sub>2</sub> S <sub>3</sub> microflowers/RGO composites for photocatalytic degradation – A facile green approach. <i>Ceramics International</i> , 2014, 40, 14051-14060.	2.3	46
29	Investigation into photocatalytic decolorisation of CI Reactive Black 5 using titanium dioxide nanopowder. <i>Coloration Technology</i> , 2012, 128, 44-50.	0.7	42
30	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
31	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
32	Development of reduced graphene oxide/CuBi <sub>2</sub> O <sub>4</sub> hybrid for enhanced photocatalytic behavior under visible light irradiation. <i>Ceramics International</i> , 2015, 41, 6164-6168.	2.3	38
33	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
34	<i>Bacillus pumilus</i> S124A carboxymethyl cellulase; a thermo stable enzyme with a wide substrate spectrum utility. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 132-139.	3.6	35
35	Electromagnetic interference (EMI) shielding performance of lightweight metal decorated carbon nanostructures dispersed in flexible polyvinylidene fluoride films. <i>New Journal of Chemistry</i> , 2018, 42, 12945-12953.	1.4	34
36	Fe <sub>2</sub> O <sub>3</sub> /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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37	Quaternary PtRuFeCo nanoparticles supported N-doped graphene as an efficient bifunctional electrocatalyst for low-temperature fuel cells. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 285-294.	2.9	32
38	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
39	Solvothermal synthesis of Sm-doped BiOBr/RGO composite as an efficient photocatalytic material for methyl orange degradation. <i>Materials Letters</i> , 2014, 128, 287-290.	1.3	31
40	Facile solvothermal synthesis of BiOI microsquares as a novel electrode material for supercapacitor applications. <i>Materials Letters</i> , 2018, 210, 109-112.	1.3	31
41	Residence time distribution in continuous stirred tank electrochemical reactor. <i>Chemical Engineering Journal</i> , 2008, 142, 209-216.	6.6	29
42	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
43	Evaluation of Electro-oxidation of Textile Effluent Using Response Surface Methods. <i>Clean - Soil, Air, Water</i> , 2007, 35, 355-361.	0.7	27
44	Participation of Electrochemical Steps in Treating Tannery Wastewater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 9786-9796.	1.8	26
45	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. <i>Materials Science and Engineering C</i> , 2019, 99, 1459-1468.	3.8	25
46	Enhanced photocatalytic activity of degradation of azo, phenolic and triphenyl methane dyes using novel octagon shaped BiOCl discs/MWCNT composite. <i>Journal of Water Process Engineering</i> , 2016, 10, 165-171.	2.6	24
47	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
48	Electrochemical degradation of pulp and paper industry wastewater. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1303-1313.	1.6	23
49	An investigation on drying of millet in fluidized beds. <i>Advanced Powder Technology</i> , 2009, 20, 298-302.	2.0	23
50	Fabrication and characterization of magnetite/reduced graphene oxide composite incurred from iron ore tailings for high performance application. <i>Materials Chemistry and Physics</i> , 2015, 162, 400-407.	2.0	23
51	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
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	An Analysis on Modeling of Fluidized Bed Drying of Granular Material. <i>Advanced Powder Technology</i> , 2008, 19, 73-82.	2.0	21
54	Estimation of diffusion parameters in fluidized bed drying. <i>Advanced Powder Technology</i> , 2009, 20, 390-394.	2.0	21

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55	Removal of heavy metals by hybrid electrocoagulation and microfiltration processes. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2897-2902.	1.2	21
56	Tailoring the properties of cerium doped zinc oxide/reduced graphene oxide composite: Characterization, photoluminescence study, antibacterial activity. <i>Ceramics International</i> , 2018, 44, 19725-19734.	2.3	21
57	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
58	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
59	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
60	Statistical analysis of production of protease and esterase by a newly isolated <i>Lysinibacillus fusiformis</i> AU01: purification and application of protease in sub-culturing cell lines. <i>Annals of Microbiology</i> , 2015, 65, 33-46.	1.1	20
61	Treatment of Tannery Effluent Using a Rotating Disc Electrochemical Reactor. <i>Water Environment Research</i> , 2017, 89, 77-85.	1.3	20
62	Metal organic framework derived magnetically recoverable $\text{CuFe}_2\text{O}_4$ porous cubes for efficient photocatalytic application. <i>Inorganic Chemistry Communication</i> , 2021, 125, 108405.	1.8	20
63	An alternative treatment process for upgrade of petroleum refinery wastewater using electrocoagulation. <i>Petroleum Science</i> , 2013, 10, 421-430.	2.4	19
64	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
65	Improvement of biodegradability index through electrocoagulation and advanced oxidation process. <i>International Journal of Industrial Chemistry</i> , 2014, 5, 1.	3.1	18
66	Visible light photocatalysis of Methylene blue by graphene-based ZnO and Ag/AgCl nanocomposites. <i>Desalination and Water Treatment</i> , 2015, 54, 2748-2756.	1.0	18
67	Tanks in Series Model for Continuous Stirred Tank Electrochemical Reactor. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 2976-2984.	1.8	17
68	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
69	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
70	Transition velocities in the riser of a circulating fluidized bed. <i>Advanced Powder Technology</i> , 2005, 16, 247-260.	2.0	15
71	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
72	Biofilm development and computational screening for new putative inhibitors of a homolog of the regulatory protein BrpA in <i>Streptococcus dysgalactiae</i> subsp. <i>dysgalactiae</i> . <i>International Journal of Medical Microbiology</i> , 2019, 309, 169-181.	1.5	15

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73	Drying of granular materials in circulating fluidized beds. <i>Advanced Powder Technology</i> , 2007, 18, 135-142.	2.0	14
74	Optimization of Integrated Electro-Bio Process for Bleaching Effluent Treatment. <i>Industrial &amp; Engineering Chemistry Research</i> , 2012, 51, 8211-8221.	1.8	14
75	Study on the inflammatory response of PMMA/polystyrene/silica nanocomposite membranes for drug delivery and dental applications. <i>PLoS ONE</i> , 2019, 14, e0209948.	1.1	14
76	Drying of Rubber Wood Sawdust Using Tray Dryer. <i>Particulate Science and Technology</i> , 2006, 24, 427-439.	1.1	13
77	Treatment of Petroleum Effluent Using a Tubular Electrochemical Reactor. <i>Petroleum Science and Technology</i> , 2014, 32, 1932-1939.	0.7	13
78	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. <i>Desalination and Water Treatment</i> , 2015, 56, 2485-2501.	1.0	13
79	Development of integrated membrane bioreactor and numerical modeling to mitigate fouling and reduced energy consumption in pharmaceutical wastewater treatment. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 76, 150-159.	2.9	13
80	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
81	Kinetic studies on anaerobic co-digestion of ultrasonic disintegrated feed and biomass and its effect substantiated by microcalorimetry. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 3029-3038.	1.8	12
82	Green synthesis of Zn-Fe <sub>2</sub> O <sub>3</sub> /BiPO <sub>4</sub> composite and its biopolymeric beads for enhanced photocatalytic application. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 14733-14745.	1.1	12
83	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
84	Electrocoagulation of Textile Effluent: RSM and ANN Modeling. <i>International Journal of Chemical Reactor Engineering</i> , 2009, 7, .	0.6	11
85	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
86	Heavy Metal Removal by Electrocoagulation Integrated Membrane Bioreactor. <i>Clean - Soil, Air, Water</i> , 2015, 43, 532-537.	0.7	11
87	Petri-Net Models for Risk Analysis of Hazardous Liquid Loading Operations. <i>Industrial &amp; Engineering Chemistry Research</i> , 2002, 41, 4823-4836.	1.8	10
88	A simplified approach to the drying of solids in a batch fluidised bed. <i>Brazilian Journal of Chemical Engineering</i> , 2002, 19, 293-298.	0.7	9
89	Electro-coagulation treatment of oily wastewater with sludge analysis. <i>Water Science and Technology</i> , 2012, 66, 2533-2538.	1.2	9
90	Environmental impact studies of biodiesel production from <i>Jatropha curcas</i> in india by life cycle assessment. <i>Environmental Progress and Sustainable Energy</i> , 2014, 33, 1340-1349.	1.3	9

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91	Physiochemical characterization and cytotoxicity evaluation of mercury-based formulation for the development of anticancer therapeutics. PLoS ONE, 2018, 13, e0195800.	1.1	9
92	Enhanced Photocatalytic Activity of Cu <sub>2</sub> O Cabbage/RGO Nanocomposites under Visible Light Irradiation. Polymers, 2021, 13, 1712.	2.0	9
93	Estimation of the Heat Transfer Coefficient in a Liquid-Solid Fluidized Bed Using an Artificial Neural Network. Advanced Powder Technology, 2008, 19, 119-130.	2.0	8
94	Variations in the Design of Dual Fluidized Bed Gasifiers and the Quality of Syngas from Biomass. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 33, 349-359.	1.2	8
95	Effect of Nanoparticles on the Viscosity Alteration of Vacuum Residue. Lecture Notes in Civil Engineering, 2021, , 419-424.	0.3	8
96	Hydrodynamic Aspects of a Circulating Fluidized Bed with Internals. Industrial & Engineering Chemistry Research, 1998, 37, 2548-2552.	1.8	7
97	Analysis of Various Experimental Methods and Preparation of Mesoporous Activated Carbon Powders from Sawdust Using Phosphoric Acid. Particulate Science and Technology, 2007, 25, 535-548.	1.1	7
98	The Significance of Indirectly Heated Gasifiers for the Generation of Medium Calorific Value Syngas Through Biomass Gasification. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2010, 32, 1579-1586.	1.2	7
99	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
100	Curcumin Is an Iconic Ligand for Detecting Environmental Pollutants. Bioinorganic Chemistry and Applications, 2022, 2022, 1-12.	1.8	7
101	Modeling electrowinning process in an expanded bed electrode. Journal of Hazardous Materials, 2009, 162, 154-160.	6.5	6
102	Electrochemical treatment of Methyl Orange dye wastewater by rotating disc electrode: optimisation using response surface methodology. Coloration Technology, 2012, 128, 434-439.	0.7	6
103	Immuno-MALDI MS dataset for improved detection of HCVcoreAg in sera. Data in Brief, 2019, 25, 104240.	0.5	6
104	Preparation of activated petroleum coke for supercapacitor application. Energy Storage, 2020, 2, e151.	2.3	6
105	Studies on the Fluidized Bed Electrode. International Journal of Chemical Reactor Engineering, 2008, 6, .	0.6	5
106	Combined resistance bubbling bed model for drying of solids in fluidized beds. Heat and Mass Transfer, 2012, 48, 621-625.	1.2	5
107	Energy Consumption and Greenhouse Gas Emission Studies of <i>Jatropha</i> Biodiesel Pathway by Life Cycle Assessment in India. Indian Chemical Engineer, 2016, 58, 255-267.	0.9	5
108	A study on novel coupled membrane bioreactor with electro oxidation for biofouling reduction. Environmental Engineering Research, 2021, 26, 200039-0.	1.5	5

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109	Effect of Different Cooling Modes on Crystal Size Distribution in a Batch Cooling Crystallizer for DL-Malic Acid. <i>Particulate Science and Technology</i> , 2005, 23, 159-167.	1.1	4
110	Statistical modeling on COD removal from metal-working fluids through electrocoagulation process. <i>Desalination and Water Treatment</i> , 2015, 53, 2593-2603.	1.0	4
111	Preparation and characterizations of electroluminescent $\text{p-ZnO : N/n-ZnO : Ga/ITO}$ thin films by spray pyrolysis method. <i>AIP Advances</i> , 2016, 6, .	0.6	4
112	Detection of mercury ions using L-cysteine modified electrodes by anodic stripping voltammetric method. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	4
113	Development of sequential batch ozonated adsorptive membrane bioreactor to mitigate fouling with reduced energy consumption. <i>Korean Journal of Chemical Engineering</i> , 2019, 36, 265-271.	1.2	4
114	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
115	Drying Kinetics in the Riser of Circulating Fluidized Bed with Internals. <i>Drying Technology</i> , 2007, 25, 1595-1599.	1.7	3
116	Drying Kinetics in a Vertical Gas-Solid System. <i>Chemical Engineering and Technology</i> , 2007, 30, 176-183.	0.9	3
117	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
118	RSM and ANN modeling for electro-oxidation of simulated wastewater using CSTER. <i>Desalination and Water Treatment</i> , 2015, 55, 1445-1452.	1.0	3
119	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
120	Nitrogen-doped graphene/poly(3,4-ethylenedioxythiophene) as metal-free electrode material for high-performance supercapacitor applications. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-14.	1.2	3
121	Magnetically Recoverable Graphene Oxide Wrapped $\text{CuCo}_2\text{S}_4$ /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
122	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
123	High-entropy alloys: An interview with Jien-Wei Yeh. <i>MRS Bulletin</i> , 2016, 41, 905-906.	1.7	2
124	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
125	Biogas from confectionery wastewater with the application of ultrasound pre-treatment. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2019, , 1-12.	1.2	2
126	Physicochemical characterization and toxicity assessment of colloidal mercuric formulation "Sivanar amirtham". <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 200, 111607.	2.5	2



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127	Hierarchical Petri Nets for Modeling Metabolic Phenotype in Prokaryotes. <i>Industrial &amp; Engineering Chemistry Research</i> , 2005, 44, 2218-2240.	1.8	1
128	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
129	Effect of Zeta Potential on Chitosan Doped Cerium Oxide in the Decolorization of Cationic Dye under Visible Light Irradiation. <i>Fibers and Polymers</i> , 2019, 20, 1418-1423.	1.1	1
130	Bismuth Enriched Materials for Pseudo Capacitor Applications. , 2020, , .		1
131	Nano Focus: Graphene meets metamaterial. <i>MRS Bulletin</i> , 2015, 40, 304-304.	1.7	0
132	Water, energy, and materials science. <i>MRS Bulletin</i> , 2018, 43, 403-403.	1.7	0
133	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
134	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