Manish Singh

List of Publications by Year
in descending order

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52 papers	1,269 citations	394286 19 h-index	377752 34 g-index
54 all docs	54 docs citations	54 times ranked	1164 citing authors

#	Article	IF	Citations
1	An Electrolyteâ€Free Fuel Cell Constructed from One Homogenous Layer with Mixed Conductivity. Advanced Functional Materials, 2011, 21, 2465-2469.	7.8	143
2	A new energy conversion technology based on nano-redox and nano-device processes. Nano Energy, 2013, 2, 1179-1185.	8.2	117
3	Electrochemical study of lithiated transition metal oxide composite as symmetrical electrode for low temperature ceramic fuel cells. International Journal of Hydrogen Energy, 2013, 38, 11398-11405.	3.8	80
4	Mixed ion and electron conductive composites for single component fuel cells: I. Effects of composition and pellet thickness. Journal of Power Sources, 2012, 217, 164-169.	4.0	76
5	Understanding the electrochemical mechanism of the coreâ€“shell ceriaâ€“LiZnO nanocomposite in a low temperature solid oxide fuel cell. Journal of Materials Chemistry A, 2014, 2, 5399.	5.2	62
6	Inducing toxicity by introducing a leucine-zipper-like motif in frog antimicrobial peptide, magainin 2. Biochemical Journal, 2011, 436, 609-620.	1.7	51
7	A new energy conversion technology joining electrochemical and physical principles. RSC Advances, 2012, 2, 5066.	1.7	51
8	Direct biofuel low-temperature solid oxide fuel cells. Energy and Environmental Science, 2011, 4, 1273.	15.6	45
9	Junction and energy band on novel semiconductor-based fuel cells. IScience, 2021, 24, 102191.	1.9	45
10	Effect of hypothyroxinemia on thyroid hormone responsiveness and action during rat postnatal neocortical development. Experimental Neurology, 2011, 228, 91-98.	2.0	39
11	Consequences of Alteration in Leucine Zipper Sequence of Melittin in Its Neutralization of Lipopolysaccharide-induced Proinflammatory Response in Macrophage Cells and Interaction with Lipopolysaccharide. Journal of Biological Chemistry, 2012, 287, 1980-1995.	1.6	36
12	Efficient Twitter sentiment classification using subjective distant supervision. , 2017, , .		36
13	The composite electrolyte with an insulation Sm2O3 and semiconductor NiO for advanced fuel cells. International Journal of Hydrogen Energy, 2018, 43, 12739-12747.	3.8	34
14	Efficient reversible CO/CO2 conversion in solid oxide cells with a phase-transformed fuel electrode. Science China Materials, 2021, 64, 1114-1126.	3.5	31
15	Superionic Conductivity in Ceria-BasedÂHeterostructure Composites for Low-Temperature Solid Oxide Fuel Cells. Nano-Micro Letters, 2020, 12, 178.	14.4	29
16	Cobalt oxides coated commercial Ba0.5Sr0.5Co0.8Fe0.2O3â¯Î´ as high performance cathode for low-temperature SOFCs. Electrochimica Acta, 2016, 191, 223-229.	2.6	27
17	Natural CuFe2O4 mineral for solid oxide fuel cells. International Journal of Hydrogen Energy, 2017, 42, 17514-17521.	3.8	27
18	Flowerlike CeO2 microspheres coated with Sr2Fe1.5Mo0.5Ox nanoparticles for an advanced fuel cell. Scientific Reports, 2015, 5, 11946.	1.6	25

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19	Functional and molecular characterization of NOS isoforms in rat neutrophil precursor cells. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2010, 77A, 467-477.	1.1	24
20	Microflow synthesis and enhanced photocatalytic dye degradation performance of antibacterial Bi2O3 nanoparticles. Environmental Science and Pollution Research, 2021, 28, 19155-19165.	2.7	21
21	Assessment of inâ€utero venlafaxine induced, ROSâ€mediated, apoptotic neurodegeneration in fetal neocortex and neurobehavioral sequelae in rat offspring. International Journal of Developmental Neuroscience, 2015, 40, 60-69.	0.7	19
22	Sentiment dynamics in social media news channels. Online Social Networks and Media, 2018, 8, 42-54.	2.3	19
23	Study on GDC-KZnAl composite electrolytes for low-temperature solid oxide fuel cells. International Journal of Hydrogen Energy, 2014, 39, 17460-17465.	3.8	17
24	Study of CuNiZnGdCe-Nanocomposite Anode for Low Temperature SOFC. Nanoscience and Nanotechnology Letters, 2012, 4, 389-393.	0.4	16
25	Aspect ontology based review exploration. Electronic Commerce Research and Applications, 2018, 30, 62-71.	2.5	16
26	Gold Nano-/Microroses on Levodopa Microtubes for SERS-Based Sensing of Gliomas. ACS Applied Nano Materials, 2019, 2, 2663-2678.	2.4	16
27	Effect of galvanotaxic graphene oxide on chloroplast activity: Interaction quantified with Biolayer-Interferometry coupled confocal microscopy. Carbon, 2020, 162, 147-156.	5.4	15
28	Effects of prenatal exposure to antipsychotic risperidone on developmental neurotoxicity, apoptotic neurodegeneration and neurobehavioral sequelae in rat offspring. International Journal of Developmental Neuroscience, 2016, 52, 13-23.	0.7	14
29	Sonication enhances the stability of MnO2 nanoparticles on silk film template for enzyme mimic application. Ultrasonics Sonochemistry, 2020, 64, 105011.	3.8	14
30	Skimmer. , 2012, , .		11
31	Integration design of membrane electrode assemblies in low temperature solid oxide fuel cell. International Journal of Hydrogen Energy, 2012, 37, 19365-19370.	3.8	11
32	Emerging approaches of neural regeneration using physical stimulations solely or coupled with smart piezoelectric nano-biomaterials. European Journal of Pharmaceutics and Biopharmaceutics, 2022, 173, 73-91.	2.0	11
33	SWST: A Disk Based Index for Sliding Window Spatio-Temporal Data. , 2012, , .		9
34	Conductive and enzyme-like silk fibers for soft sensing application. Biosensors and Bioelectronics, 2020, 150, 111859.	5.3	9
35	Continuous flow fabrication of Fmoc-cysteine based nanobowl infused coreâ€“shell like microstructures for pH switchable on-demand anti-cancer drug delivery. Biomaterials Science, 2021, 9, 942-959.	2.6	9
36	Unsupervised tag recommendation for popular and cold products. Journal of Intelligent Information Systems, 2020, 54, 545-566.	2.8	8

#	Article	IF	Citations
37	Unsupervised stance classification in online debates. , 2018, , .		7
38	Single-component fuel cells fabricated by spark plasma sintering. RSC Advances, 2012, 2, 12140.	1.7	6
39	Rapid fabrication and optimization of silk fibers supported and stabilized MnO2 catalysts. Fibers and Polymers, 2017, 18, 1660-1670.	1.1	6
40	Debate Stance Classification Using Word Embeddings. Lecture Notes in Computer Science, 2018, , 382-395.	1.0	6
41	In Utero Exposure of Venlafaxine: Impact on Maternal, Fetal, Neonatal Weight and Postnatal Growth in Rat Offspring. The National Academy of Sciences, India, 2013, 36, 35-40.	0.8	5
42	Predicted aggregation-prone region (APR) in Î²B1-crystallin forms the amyloid-like structure and induces aggregation of soluble proteins isolated from human cataractous eye lens. International Journal of Biological Macromolecules, 2020, 163, 702-710.	3.6	5
43	Exposure of calcium carbide induces apoptosis in mammalian fibroblast L929 cells. Toxicology Mechanisms and Methods, 2021, 31, 159-168.	1.3	5
44	Using Social Media for Word-of-Mouth Marketing. Lecture Notes in Computer Science, 2017, , 391-406.	1.0	5
45	Toward maximizing the visibility of content in social media brand pages: a temporal analysis. Social Network Analysis and Mining, 2018, 8, 1.	1.9	4
46	Manganese oxide functionalized silk fibers for enzyme mimic application. Reactive and Functional Polymers, 2020, 151, 104565.	2.0	3
47	Supercritical Carbon Dioxide Impregnation of Gold Nanoparticles Demonstrates a New Route for the Fabrication of Hybrid Silk Materials. Insects, 2022, 13, 18.	1.0	2
48	TRAFAN: Road traffic analysis using social media web pages. , 2018, , .		1
49	Arousal Prediction of News Articles in Social Media. Lecture Notes in Computer Science, 2017, , 308-319.	1.0	1
50	Where to Post. , 2019, , .		0
51	Evaluating the Choice of Tags in CQA Sites. Lecture Notes in Computer Science, 2019, , 625-640.	1.0	0
52	Generating Topics of Interests for Research Communities. Lecture Notes in Computer Science, 2017, , 488-501.	1.0	0