

Ragu subash chandraboze

List of Publications by Year in descending order

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35
papers

1,595
citations

394421

19
h-index

361022

35
g-index

35
all docs

35
docs citations

35
times ranked

2381
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical or electrochemical techniques, followed by ion exchange, for recycle of textile dye wastewater. <i>Journal of Hazardous Materials</i> , 2007, 149, 324-330.	12.4	264
2	Electrolytic recovery of dilute copper from a mixed industrial effluent of high strength COD. <i>Journal of Hazardous Materials</i> , 2010, 180, 91-97.	12.4	260
3	Sulfonated poly (ether ether ketone)-based proton exchange membranes for vanadium redox battery applications. <i>Journal of Membrane Science</i> , 2014, 450, 313-322.	8.2	152
4	A Hydrocarbon Cathode for Dual-Ion Batteries. <i>ACS Energy Letters</i> , 2016, 1, 719-723.	17.4	124
5	Evaluation of electrochemical oxidation techniques for degradation of dye effluentsâ€”A comparative approach. <i>Journal of Hazardous Materials</i> , 2009, 171, 748-754.	12.4	114
6	Electrochemical treatment of Procion Black 5B using cylindrical flow reactorâ€”A pilot plant study. <i>Journal of Hazardous Materials</i> , 2007, 139, 381-390.	12.4	72
7	Li-ion conduction on nanofiller incorporated PVdF-co-HFP based composite polymer blend electrolytes for flexible battery applications. <i>Solid State Ionics</i> , 2012, 218, 7-12.	2.7	59
8	High performance sodium-ion battery anode using biomass derived hard carbon with engineered defective sites. <i>Electrochimica Acta</i> , 2021, 368, 137574.	5.2	54
9	Partially graphitic nanoporous activated carbon prepared from biomass for supercapacitor application. <i>Materials Letters</i> , 2018, 218, 165-168.	2.6	52
10	Single Step, Direct Pyrolysis Assisted Synthesis of Nitrogen-Doped Porous Carbon Nanosheets Derived from Bamboo wood for High Energy Density Asymmetric Supercapacitor. <i>Journal of Energy Storage</i> , 2021, 42, 103048.	8.1	47
11	A 1.8 V Aqueous Supercapacitor with a Bipolar Assembly of Ion-Exchange Membranes as the Separator. <i>Journal of the Electrochemical Society</i> , 2016, 163, A1853-A1858.	2.9	42
12	Direct fabrication of nanoporous graphene from graphene oxide by adding a gasification agent to a magnesiothermic reaction. <i>Chemical Communications</i> , 2015, 51, 1969-1971.	4.1	39
13	Graphene oxide nanosheets/polymer binders as superior electrocatalytic materials for vanadium bromide redox flow batteries. <i>Electrochimica Acta</i> , 2012, 85, 175-181.	5.2	38
14	Electrochemical behaviour of titanium/iridium(IV) oxide: Tantalum pentoxide andÂ-graphite for application in vanadium redox flow battery. <i>Journal of Power Sources</i> , 2013, 238, 103-108.	7.8	38
15	Synthesis of nanoporous carbon with new activating agent for high-performance supercapacitor. <i>Materials Letters</i> , 2018, 218, 181-184.	2.6	31
16	Divulging the electrochemical hydrogen storage on nitrogen doped graphene and its superior capacitive performance. <i>Materials Letters</i> , 2020, 273, 127919.	2.6	25
17	Synthesis of nanoporous graphene and their electrochemical performance in a symmetric supercapacitor. <i>Applied Surface Science</i> , 2018, 460, 17-24.	6.1	22
18	Synthesis of graphene-siloxene nanosheet based layered composite materials by tuning its interface chemistry: An efficient anode with overwhelming electrochemical performances for lithium-ion batteries. <i>Journal of Power Sources</i> , 2020, 450, 227618.	7.8	20

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19	Dye Destruction and Simultaneous Generation of Sodium Hydroxide Using a Divided Electrochemical Reactor. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 5277-5283.	3.7	19
20	Promising nature-based nitrogen-doped porous carbon nanomaterial derived from borassus flabellifer male inflorescence as superior metal-free electrocatalyst for oxygen reduction reaction. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 25918-25929.	7.1	19
21	Hexagonal basalt-like ceramics $\text{La}_x\text{Mg}_{1-x}\text{TiO}_3$ ($x = 0$ and 0.5) contrived via deep eutectic solvent for selective electrochemical detection of dopamine. <i>Physica B: Condensed Matter</i> , 2021, 615, 413068.	2.7	15
22	Waste tire derived carbon as potential anode for lithium-ion batteries. <i>Chemosphere</i> , 2022, 288, 132438.	8.2	14
23	Enhancement of current density using effective membranes electrode assemblies for water electrolyser system. <i>Journal of Energy Chemistry</i> , 2016, 25, 77-84.	12.9	11
24	Semiconducting material of pure ZnO hollow nanospheres; and their modified electrode used for electrocatalytic reduction of ethanol and hydrogen peroxide. <i>Materials Science in Semiconductor Processing</i> , 2019, 99, 62-67.	4.0	10
25	Platinum-Dendrimer Nanocomposite Films on Gold Surfaces for Electrocatalysis. <i>Catalysis Letters</i> , 2007, 119, 40-49.	2.6	9
26	Development of constructed nanoporous graphene-modified electrode for electrical detection of folic acid. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 13488-13496.	2.2	9
27	Transmogrifying waste blister packs into defect-engineered graphene-like turbostratic carbon: novel lithium-ion (Li-ion) battery anode with noteworthy electrochemical characteristics. <i>Nanoscale</i> , 2022, 14, 4312-4323.	5.6	7
28	Dicyandiamide-formaldehyde and Borassus Flabellifer inflorescence assisted preparation of low surface area nitrogen-doped carbon as high-performance anode for lithium-ion batteries. <i>Materials Letters</i> , 2020, 276, 128218.	2.6	6
29	Stable prismatic layer structured cathode material via Cation mixing for sodium ion battery. <i>Ionics</i> , 2020, 26, 4543-4551.	2.4	5
30	Nanoparticulate platinum films on gold using dendrimer-based wet chemical method. <i>Pramana - Journal of Physics</i> , 2005, 65, 821-830.	1.8	4
31	PAMAM Dendrimers as Anchors for the Preparation of Electrocatalytically Active Ultrathin Metallic Films. <i>Chemistry - an Asian Journal</i> , 2007, 2, 775-781.	3.3	4
32	Study on the effect of silica-graphite filler on the rheometric, mechanical, and abrasion loss properties of styrene-butadiene rubber vulcanizates. <i>Journal of Elastomers and Plastics</i> , 2019, 51, 359-378.	1.5	4
33	Palladium and Gold Nanoparticle Modified Porous Carbon as a High Power Anode for Lithium Ion Batteries. <i>ChemPhysChem</i> , 2013, 14, 3887-3890.	2.1	2
34	Template Assisted Synthesis of Nanoporous Carbon from Bio-Weed of Ipomoea carnea Stems for Supercapacitor Applications. <i>Asian Journal of Chemistry</i> , 2019, 31, 1163-1168.	0.3	2
35	Scalable synthesis of graphitized carbon powder from Prosopis juliflora and its supercapacitive performance. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 161, 110441.	4.0	2