

Jasmin S Shaikh

List of Publications by Year in descending order

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papers

1,792
citations

304701

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docs citations

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times ranked

2259
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of Ru doped CuO thin films for supercapacitor based on Bronsted acidic ionic liquid. <i>Electrochimica Acta</i> , 2011, 56, 2127-2134.	5.2	148
2	Novel electrodes for supercapacitor: Conducting polymers, metal oxides, chalcogenides, carbides, nitrides, MXenes, and their composites with graphene. <i>Journal of Alloys and Compounds</i> , 2022, 893, 161998.	5.5	129
3	Chemical synthesis of highly stable PVA/PANI films for supercapacitor application. <i>Materials Chemistry and Physics</i> , 2011, 128, 449-455.	4.0	121
4	Investigations on silver/polyaniline electrodes for electrochemical supercapacitors. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 11886.	2.8	119
5	Nanoarchitectures in dye-sensitized solar cells: metal oxides, oxide perovskites and carbon-based materials. <i>Nanoscale</i> , 2018, 10, 4987-5034.	5.6	108
6	Surfactant assisted low temperature synthesis of nanocrystalline ZnO and its gas sensing properties. <i>Sensors and Actuators B: Chemical</i> , 2010, 151, 212-218.	7.8	102
7	CuO@PAA hybrid films: Chemical synthesis and supercapacitor behavior. <i>Applied Surface Science</i> , 2011, 257, 4389-4397.	6.1	99
8	Perovskite solar cells: In pursuit of efficiency and stability. <i>Materials and Design</i> , 2017, 136, 54-80.	7.0	83
9	Facile and low cost chemosynthesis of nanostructured PbS with tunable optical properties. <i>Applied Surface Science</i> , 2011, 258, 1869-1875.	6.1	78
10	An Mn Doped Polyaniline Electrode for Electrochemical Supercapacitor. <i>Journal of the Electrochemical Society</i> , 2011, 158, A653.	2.9	73
11	Photoluminescence of zinc oxide nanopowder synthesized by a combustion method. <i>Powder Technology</i> , 2011, 208, 185-188.	4.2	66
12	Growth of ZnO nanodisk, nanospindles and nanoflowers for gas sensor: pH dependency. <i>Current Applied Physics</i> , 2012, 12, 778-783.	2.4	66
13	Symmetric supercapacitor: Sulphurized graphene and ionic liquid. <i>Journal of Colloid and Interface Science</i> , 2018, 527, 40-48.	9.4	65
14	Aqueous chemical growth of ZnO disks, rods, spindles and flowers: pH dependency and photoelectrochemical properties. <i>Solar Energy</i> , 2011, 85, 1119-1127.	6.1	57
15	Effect of Nickel@Zinc Co-doped TiO ₂ blocking layer on performance of DSSCs. <i>Journal of Alloys and Compounds</i> , 2020, 817, 152810.	5.5	46
16	Supercapacitor behavior of CuO@PAA hybrid films: Effect of PAA concentration. <i>Journal of Alloys and Compounds</i> , 2011, 509, 7168-7174.	5.5	39
17	Dye sensitized solar cells based on zinc oxide bottle brush. <i>Materials Letters</i> , 2011, 65, 2235-2237.	2.6	32
18	Hollow In ₂ O ₃ microcubes for sensitive and selective detection of NO ₂ gas. <i>Journal of Alloys and Compounds</i> , 2019, 806, 726-736.	5.5	30

#	ARTICLE	IF	CITATIONS
19	The implementation of graphene-based aerogel in the field of supercapacitor. <i>Nanotechnology</i> , 2021, 32, 362001.	2.6	30
20	Mesoporous architecture of TiO ₂ microspheres via controlled template assisted route and their photoelectrochemical properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 304-316.	2.2	29
21	Quantum Dot Based Solar Cells: Role of Nanoarchitectures, Perovskite Quantum Dots, and Charge Transporting Layers. <i>ChemSusChem</i> , 2019, 12, 4724-4753.	6.8	29
22	The use of nickel oxide as a hole transport material in perovskite solar cell configuration: Achieving a high performance and stable device. <i>International Journal of Energy Research</i> , 2020, 44, 9839-9863.	4.5	28
23	Hydrothermally grown 3D hierarchical TiO ₂ based on electrochemically anodized 1D TiO ₂ nanostructure for supercapacitor. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	2.3	23
24	Characterization of zinc oxide nanoparticles synthesized by polymer assisted deposition method. <i>Journal of Alloys and Compounds</i> , 2011, 509, 1716-1721.	5.5	22
25	Effect of annealing on the supercapacitor performance of CuO-PAA/CNT films. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 25-33.	2.5	22
26	Synthesis of hydrophilic nickel zinc ferrite thin films by chemical route for supercapacitor application. <i>Journal of Porous Materials</i> , 2012, 19, 649-655.	2.6	19
27	A phosphorus integrated strategy for supercapacitor: 2D black phosphorus doped and phosphorus-doped materials. <i>Materials Today Chemistry</i> , 2021, 21, 100480.	3.5	18
28	Recent Advancements in Energy Storage Based on Sodium Ion and Zinc Ion Hybrid Supercapacitors. <i>Energy & Fuels</i> , 2021, 35, 14241-14264.	5.1	17
29	Efficient mixed halide perovskite solar cells via solvent engineering process. <i>Dyes and Pigments</i> , 2019, 168, 311-316.	3.7	16
30	Influence of reduced graphene oxide-TiO ₂ composite nanofibers in organic indoline DN350 based dye sensitized solar cells. <i>Synthetic Metals</i> , 2019, 256, 116146.	3.9	15
31	Low-cost Cu-based inorganic hole transporting materials in perovskite solar cells: Recent progress and state-of-art developments. <i>Materials Today Chemistry</i> , 2021, 20, 100427.	3.5	12
32	Sulfur-Doped Graphene as a Rational Anode for an Ionic Liquid Based Hybrid Capacitor with a 3.5 V Working Window. <i>Energy & Fuels</i> , 2022, 36, 2799-2810.	5.1	8
33	Engineering of Battery Type Electrodes for High Performance Lithium Ion Hybrid Supercapacitors. <i>ChemElectroChem</i> , 2021, 8, 4686-4724.	3.4	7
34	Graphene-Based Aqueous Magnesium Ion Hybrid Supercapacitors with an Appealing Energy Density Advanced by a KI Additive. <i>Energy & Fuels</i> , 2022, 36, 7186-7193.	5.1	7
35	Electrochemically Anodized Ultralong TiO ₂ Nanotubes for Supercapacitors. <i>Journal of Electronic Materials</i> , 2019, 48, 873-878.	2.2	6
36	Plasmonic DSSC performance of spray deposited Ag-ZnO and Au-ZnO films. <i>Chinese Journal of Physics</i> , 2021, 73, 581-588.	3.9	6

#	ARTICLE	IF	CITATIONS
37	Rational La-doped hematite as an anode and hydrous cobalt phosphate as a battery-type electrode for a hybrid supercapacitor. Dalton Transactions, 2022, 51, 6378-6389.	3.3	6
38	Mg ²⁺ ion-powered hybrid supercapacitor with γ -MnO ₂ as a cathode and α -Fe ₂ O ₃ as an anode. Journal of Energy Storage, 2022, 50, 104525.	8.1	6
39	ZnO cacti. Materials Today, 2011, 14, 447.	14.2	5