Endu Sekhar Srinadhu

List of Publications by Year
in descending order

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28	544	623734	642732
papers	citations	14 h-index	23 g-index

30	30	30	483
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhanced ionic conductivity of electrospun nanocomposite (PVDFâ€HFPâ€‰+â€‰TiO 2 nanofibers fillers) polymer fibrous membrane electrolyte for DSSC application. Polymer Composites, 2019, 40, 1585-1594.	4.6	101
2	Electrical and electrochemical studies of nanocrystalline mesoporous MgFe2O4 as anode material for lithium battery applications. Ceramics International, 2016, 42, 16789-16797.	4.8	42
3	Surfactant-free microwave hydrothermal synthesis of SnO2 nanosheets as an anode material for lithium battery applications. Ceramics International, 2018, 44, 201-207.	4.8	38
4	Î²-PVDF based electrospun nanofibers â€“ A promising material for developing cardiac patches. Medical Hypotheses, 2019, 122, 31-34.	1.5	37
5	Magnetic modulation in mechanical alloyed Cr1.4Fe0.6O3oxide. PMC Physics B, 2008, 1, .	0.9	33
6	Conductivity and dielectric permittivity studies of KIâ€based nanocomposite (PEO/PMMA/KI/I₂/ZnO nanorods) polymer solid electrolytes. Polymer Composites, 2019, 40, 2919-2928.	4.6	26
7	High conducting nanocomposite electrospun PVDF-HFP/ $$hbox {TiO}_{2}$$ TiO 2 quasi-solid electrolyte for dye-sensitized solar cell. Journal of Materials Science: Materials in Electronics, 2019, 30, 1199-1213.	2.2	23
8	Structural, electrical and dielectric properties of nanocrystalline LiMgBO3 particles synthesized by Pechini process. Journal of Alloys and Compounds, 2017, 718, 459-470.	5.5	19
9	High Capacity Electrospun MgFe₂O₄â€“C Composite Nanofibers as an Anode Material for Lithium Ion Batteries. ChemistrySelect, 2018, 3, 8010-8017.	1.5	19
10	A novel electrospun cobalt-doped zinc oxide nanofibers as photoanode for dye-sensitized solar cell. Materials Research Express, 2019, 6, 025041.	1.6	17
11	Development of novel mechanically stable porous nanocomposite (PVDF-PMMA/HAp/TiO2) film scaffold with nanowhiskers surface morphology for bone repair applications. Materials Letters, 2019, 236, 694-696.	2.6	16
12	Electrospun Snâ€“SnO2/C composite nanofibers as an anode material for lithium battery applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 11117-11123.	2.2	15
13	Microwave-assisted hydrothermal synthesis of SnO2/reduced graphene-oxide nanocomposite as anode material for high performance lithium-ion batteries. Journal of Materials Science: Materials in Electronics, 2018, 29, 14723-14732.	2.2	15
14	Structural, electrical, and dielectric properties of nickel-doped spinel LiMn2O4 nanorods. Ionics, 2019, 25, 981-990.	2.4	15
15	First multicharged ion irradiation results from the CUEBIT facility at Clemson University. AIP Conference Proceedings, 2015, , .	0.4	14
16	Surfactant-free microwave-hydrothermal synthesis of SnO2 flower-like structures as an anode material for lithium-ion batteries. Materialia, 2018, 4, 276-281.	2.7	14
17	Scalable novel PVDF based nanocomposite foam for direct blood contact and cardiac patch applications. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 88, 270-280.	3.1	14
18	Synthesis, characterization and electrical properties of mesoporous nanocrystalline CoFe2O4 as a negative electrode material for lithium battery applications. Journal of Materials Science: Materials in Electronics, 2017, 28, 17208-17214.	2.2	12

#	Article	IF	Citations
19	Symbiotic organism search algorithm for simulation of J-V characteristics and optimizing internal parameters of DSSC developed using electrospun TiO2 nanofibers. Journal of Nanoparticle Research, 2017, 19, 1.	1.9	12
20	Electrospun Nanocomposite Agâ€“ZnO Nanofibrous Photoanode for Better Performance of Dye-Sensitized Solar Cells. Journal of Electronic Materials, 2019, 48, 4389-4399.	2.2	11
21	The effects of multicharged ion irradiation on a polycarbonate surface. Radiation Effects and Defects in Solids, 2019, 174, 205-213.	1.2	9
22	Encapsulating Ion-Solid Interactions in Metal-Oxide-Semiconductor (MOS) Devices. IEEE Transactions on Nuclear Science, 2015, 62, 3346-3352.	2.0	8
23	Structural and Optical Studies of ZnO Nanostructures Synthesized by Rapid Microwave Assisted Hydrothermal and Solvothermal Methods. Transactions of the Indian Ceramic Society, 2018, 77, 169-174.	1.0	8
24	Fundamentals and Applications of Plasma Cleaning. , 2019, , 289-353.		8
25	Structural characterization, electrical conductivity and open circuit voltage studies of the nanocrystalline La10Si6O27 electrolyte material for SOFCs. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	2.3	7
26	Shape transitions of Cu3Si islands grown on Si(1 1 1) and Si(1 0 0). Applied Surface Science, 2019, 465, 201-206.	6.1	7
27	Adhesion Enhancement of Polymer Surfaces by Ion Beam Treatment: A Critical Review. Reviews of Adhesion and Adhesives, 2019, 7, 169-194.	3.4	3
28	Use of Surfactants in Acoustic Cleaning. , 2022, , 193-226.		1