

Rajendra G Sonkawade

List of Publications by Year in descending order

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18
papers

493
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840776

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docs citations

18
times ranked

394
citing authors

#	ARTICLE	IF	CITATIONS
1	Advances in chemical and biomass-derived graphene/graphene-like nanomaterials for supercapacitors. Journal of Energy Storage, 2022, 51, 104445.	8.1	18
2	Chemical synthesis and supercapacitive evaluation of polyaniline nanofibers (PANINFs). Journal of Materials Science: Materials in Electronics, 2021, 32, 11865-11876.	2.2	13
3	Effect of low energy Li-negative ions irradiation on electrochemically synthesized Copper nanoflakes/Polyaniline nanofibers composite thin film. Thin Solid Films, 2021, 730, 138710.	1.8	4
4	A study on natural radioactivity and potential of ²²² Rn, ²²⁰ Rn exhalation from Deccan table land of Kolhapur district, Maharashtra, India. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1333-1341.	1.5	4
5	Synthesis of NiO nanoparticles for supercapacitor application as an efficient electrode material. Vacuum, 2020, 181, 109646.	3.5	136
6	Electrochemical performance of Polyaniline based symmetrical energy storage device. Materials Science in Semiconductor Processing, 2020, 120, 105291.	4.0	21
7	Post- ¹³⁷ Irradiation effects on structural, optical and morphological properties of chemical vapour deposited MWCNTs. Materials Science in Semiconductor Processing, 2020, 110, 104975.	4.0	16
8	Enhancement in NH ₃ sensing performance of ZnO thin-film via gamma-irradiation. Journal of Alloys and Compounds, 2020, 830, 154641.	5.5	55
9	Effect of Different Concentrations of KMnO ₄ Precursor on Supercapacitive Properties of MnO Thin Films. Journal of Electronic Materials, 2019, 48, 8116-8128.	2.2	9
10	Effect of different precursors on electrochemical properties of manganese oxide thin films prepared by SILAR method. Synthetic Metals, 2019, 247, 1-9.	3.9	30
11	PANINFs synthesized electrochemically as an electrode material for energy storage application. Polymer Bulletin, 2019, 76, 4703-4718.	3.3	16
12	Gamma irradiation: an efficient way to enhance current carrying properties of Ag/Ppy composite. Journal of Materials Science: Materials in Electronics, 2018, 29, 11151-11158.	2.2	8
13	ASSESSMENT OF RADON IN SOIL AND WATER IN DIFFERENT REGIONS OF KOLHAPUR DISTRICT, MAHARASHTRA, INDIA. Radiation Protection Dosimetry, 2018, 181, 382-387.	0.8	6
14	Physicochemical, thermal and pasting characteristics of gamma irradiated rice starches. International Journal of Biological Macromolecules, 2016, 85, 460-466.	7.5	46
15	Effect of gamma irradiation on transport of charge carriers in Cu nanowires. Applied Physics A: Materials Science and Processing, 2012, 106, 157-164.	2.3	20
16	Bulk etch rate estimation of LR-115 SSNTD using PHOENIX interface. Radiation Measurements, 2011, 46, 461-463.	1.4	1
17	Effects of an oxygen ⁺ beam (O ⁺⁷ , 100 MeV) and ¹³⁷ Irradiation on polypyrrole films. Journal of Applied Polymer Science, 2010, 115, 2502-2507.	2.6	11
18	Comparative study of natural radioactivity levels in soil samples from the Upper Siwaliks and Punjab, India using gamma-ray spectrometry. Journal of Environmental Radioactivity, 2009, 100, 94-98.	1.7	79