

# Rajendra G Sonkawade

## List of Publications by Year in descending order

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18  
papers

493  
citations

840776

11  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

394  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of NiO nanoparticles for supercapacitor application as an efficient electrode material. Vacuum, 2020, 181, 109646.	3.5	136
2	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
3	Enhancement in NH <sub>3</sub> sensing performance of ZnO thin-film via gamma-irradiation. Journal of Alloys and Compounds, 2020, 830, 154641.	5.5	55
4	Physicochemical, thermal and pasting characteristics of gamma irradiated rice starches. International Journal of Biological Macromolecules, 2016, 85, 460-466.	7.5	46
5	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
6	Electrochemical performance of Polyaniline based symmetrical energy storage device. Materials Science in Semiconductor Processing, 2020, 120, 105291.	4.0	21
7	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
8	Advances in chemical and biomass-derived graphene/graphene-like nanomaterials for supercapacitors. Journal of Energy Storage, 2022, 51, 104445.	8.1	18
9	PANINFs synthesized electrochemically as an electrode material for energy storage application. Polymer Bulletin, 2019, 76, 4703-4718.	3.3	16
10	Post- $\gamma$ -irradiation effects on structural, optical and morphological properties of chemical vapour deposited MWCNTs. Materials Science in Semiconductor Processing, 2020, 110, 104975.	4.0	16
11	Chemical synthesis and supercapacitive evaluation of polyaniline nanofibers (PANINFs). Journal of Materials Science: Materials in Electronics, 2021, 32, 11865-11876.	2.2	13
12	Effects of an oxygen ion beam ( $O^{+7}$ , 100 MeV) and $\gamma$ irradiation on polypyrrole films. Journal of Applied Polymer Science, 2010, 115, 2502-2507.	2.6	11
13	Effect of Different Concentrations of KMnO <sub>4</sub> Precursor on Supercapacitive Properties of MnO Thin Films. Journal of Electronic Materials, 2019, 48, 8116-8128.	2.2	9
14	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
15	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
16	A study on natural radioactivity and potential of <sup>222</sup> Rn, <sup>220</sup> Rn exhalation from Deccan table land of Kolhapur district, Maharashtra, India. Journal of Radioanalytical and Nuclear Chemistry, 2020, 326, 1333-1341.	1.5	4
17	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
18	Bulk etch rate estimation of LR-115 SSNTD using PHOENIX interface. Radiation Measurements, 2011, 46, 461-463.	1.4	1