

# S S R Inbanathan

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

146  
citations

1478505

6  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facile green synthesis of magnesium oxide nanoparticles using tea ( <i>Camellia sinensis</i> ) extract for efficient photocatalytic degradation of methylene blue dye. <i>Environmental Technology and Innovation</i> , 2022, 28, 102746.	6.1	48
2	Visible-Light Driven Photocatalytic Degradation of Eosin Yellow (EY) Dye Based on NiO-WO <sub>3</sub> Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 924-933.	0.9	24
3	Direct sunlight-driven enhanced photocatalytic performance of V <sub>2</sub> O <sub>5</sub> nanorods/ graphene oxide nanocomposites for the degradation of Victoria blue dye. <i>Environmental Research</i> , 2021, 199, 111369.	7.5	18
4	Nonlinear Reconstruction of Images from Patterns Generated by Deterministic or Random Optical Masks—Concepts and Review of Research. <i>Journal of Imaging</i> , 2022, 8, 174.	3.0	18
5	Study of relativistic charged particles production in 84Kr36 emulsion interactions at $\sim 1/4$ 1 GeV per nucleon with wounded nucleon model. <i>International Journal of Modern Physics E</i> , 2019, 28, 1950058.	1.0	10
6	Analysis of Various Projectile Interactions with Nuclear Emulsion Detector Nuclei at $\sim 1$ GeV per Nucleon Using Coulomb Modified Glauber Model. <i>Advances in High Energy Physics</i> , 2017, 2017, 1-16.	1.1	8
7	Characteristics study of projectile's lightest fragment for 84Kr36 emulsion interaction at around 1 A GeV. <i>Indian Journal of Physics</i> , 2017, 91, 431-438.	1.8	5
8	Structural, Optical and Magnetic Properties of Zn <sub>1-x</sub> Co <sub>x</sub> O Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 5525-5532.	0.9	3
9	Photocatalytic Degradation Properties of SILAR Grown ZnO:Ag Thin Films: Investigation on the Effect of Ag Loading. <i>Brazilian Journal of Physics</i> , 2022, 52, 1.	1.4	3
10	A study of the structural, morphological, and optical properties of shock treated SnO <sub>2</sub> nanoparticles: removal of Victoria blue dye. <i>Heliyon</i> , 2022, 8, e09653.	3.2	3
11	Convert Your Common Physical Balance into a Microbalance. <i>Physics Teacher</i> , 2006, 44, 118-119.	0.3	2
12	Ni-Doped ZnO Thin Films: Deposition, Characterization and Photocatalytic Applications. <i>Journal of Nanoscience and Nanotechnology</i> , 2021, 21, 1560-1569.	0.9	2
13	Energy sensitivity of the GRAPES-3 EAS array for primary cosmic ray protons. <i>Experimental Astronomy</i> , 2020, 50, 185-198.	3.7	1
14	Galaxy rotation curve measurements with low cost 21 cm radio telescope. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2022, 47, 1.	1.3	1
15	Reaction Cross Section of Heavy Projectiles Using Coulomb Modified Glauber Model. <i>EPJ Web of Conferences</i> , 2019, 201, 03001.	0.3	0
16	Charged pion production in the 3684Kr emulsion interactions at around 1 a GeV. <i>AIP Conference Proceedings</i> , 2019, . .	0.4	0