

# 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	Galaxy rotation curve measurements with low cost 21 cm radio telescope. Sadhana - Academy Proceedings in Engineering Sciences, 2022, 47, 1.	1.3	1
2	Photocatalytic Degradation Properties of SILAR Grown ZnO:Ag Thin Films: Investigation on the Effect of Ag Loading. Brazilian Journal of Physics, 2022, 52, 1.	1.4	3
3	Facile green synthesis of magnesium oxide nanoparticles using tea (Camellia sinensis) extract for efficient photocatalytic degradation of methylene blue dye. Environmental Technology and Innovation, 2022, 28, 102746.	6.1	48
4	Nonlinear Reconstruction of Images from Patterns Generated by Deterministic or Random Optical Masks—Concepts and Review of Research. Journal of Imaging, 2022, 8, 174.	3.0	18
5	A study of the structural, morphological, and optical properties of shock treated SnO <sub>2</sub> nanoparticles: removal of Victoria blue dye. Heliyon, 2022, 8, e09653.	3.2	3
6	Ni-Doped ZnO Thin Films: Deposition, Characterization and Photocatalytic Applications. Journal of Nanoscience and Nanotechnology, 2021, 21, 1560-1569.	0.9	2
7	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. Environmental Research, 2021, 199, 111369.	7.5	18
8	Visible-Light Driven Photocatalytic Degradation of Eosin Yellow (EY) Dye Based on NiO-WO <sub>3</sub> Nanoparticles. Journal of Nanoscience and Nanotechnology, 2020, 20, 924-933.	0.9	24
9	Structural, Optical and Magnetic Properties of Zn <sub>1-x</sub> Co <sub>x</sub> O Nanoparticles. Journal of Nanoscience and Nanotechnology, 2020, 20, 5525-5532.	0.9	3
10	Energy sensitivity of the GRAPES-3 EAS array for primary cosmic ray protons. Experimental Astronomy, 2020, 50, 185-198.	3.7	1
11	Reaction Cross Section of Heavy Projectiles Using Coulomb Modified Glauber Model. EPJ Web of Conferences, 2019, 201, 03001.	0.3	0
12	Study of relativistic charged particles production in <sup>84</sup> Kr <sub>36</sub> emulsion interactions at 1 GeV per nucleon with wounded nucleon model. International Journal of Modern Physics E, 2019, 28, 1950058.	1.0	10
13	Charged pion production in the <sup>3684</sup> Kr emulsion interactions at around 1 a GeV. AIP Conference Proceedings, 2019, , .	0.4	0
14	Characteristics study of projectile's lightest fragment for <sup>84</sup> Kr <sub>36</sub> emulsion interaction at around 1 A GeV. Indian Journal of Physics, 2017, 91, 431-438.	1.8	5
15	Analysis of Various Projectile Interactions with Nuclear Emulsion Detector Nuclei at ~1 GeV per Nucleon Using Coulomb Modified Glauber Model. Advances in High Energy Physics, 2017, 2017, 1-16.	1.1	8
16	Convert Your Common Physical Balance into a Microbalance. Physics Teacher, 2006, 44, 118-119.	0.3	2