

# S Rajkumar

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2967530/publications.pdf>

Version: 2024-02-01

15  
papers

433  
citations

1478505

6  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

465  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive review on performance, combustion and emission characteristics of biodiesel fuelled diesel engines. Renewable and Sustainable Energy Reviews, 2017, 79, 1134-1159.	16.4	252
2	Isolation improvement of UWB MIMO antenna utilising molecule fractal structure. Electronics Letters, 2019, 55, 576-579.	1.0	63
3	Compact 4 element Sierpinski-Knopp fractal UWB MIMO antenna with dual band notch. Microwave and Optical Technology Letters, 2018, 60, 1023-1030.	1.4	35
4	Enhanced performance of dye-sensitized solar cells using natural cocktail dye as sensitizer. Optik, 2019, 178, 224-230.	2.9	26
5	Synthesis of TiO <sub>2</sub> nanostructures by green approach as photoanodes for dye-sensitized solar cells. International Journal of Energy Research, 2021, 45, 3089-3096.	4.5	22
6	Synthesis and characterization of nickel doped TiO <sub>2</sub> nanoparticles by green method and its performance as dye-sensitized solar cells photoanodes. International Journal of Energy Research, 2022, 46, 7749-7757.	4.5	10
7	Synthesis of Ag-incorporated TiO <sub>2</sub> nanoparticles by simple green approach as working electrode for dye-sensitized solar cells. Journal of Materials Science: Materials in Electronics, 2022, 33, 4965-4973.	2.2	6
8	Parametric analysis of thermal behavior of the building with phase change materials for passive cooling. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 5627-5639.	2.3	5
9	CFD Analysis of Heat Transfer Characteristics of Helical Coil Heat Exchangers. Applied Mechanics and Materials, 0, 787, 172-176.	0.2	4
10	Effect of Saturation and Unsaturation of Fatty Methyl Esters on Biodiesel NO <sub>x</sub> Emission Characteristics. Applied Mechanics and Materials, 0, 787, 766-770.	0.2	3
11	Experimental and numerical investigation on phase change material filled reinforced cement concrete roof slab for mitigating the heat transfer. Energy Sources, Part A: Recovery, Utilization and Environmental Effects, 2022, 44, 3850-3865.	2.3	3
12	Methods for Improving Lift Force of Wind Turbine Aerofoil Blades during Low Wind Speed Conditions – A Review. Applied Mechanics and Materials, 0, 787, 134-137.	0.2	2
13	Zero-Dimensional Analysis of Combustion in a Multiple-Injection CRDI Engine Using Wiebe Law. Applied Mechanics and Materials, 0, 787, 707-711.	0.2	2
14	Influence of Engine Speed on Mixing and Emission Characteristics of Multiple-Injection Common Rail Direct Injection Diesel Engine. Applied Mechanics and Materials, 2015, 787, 702-706.	0.2	0
15	Modeling the Spray Characteristics of Biodiesel. Applied Mechanics and Materials, 2015, 813-814, 846-850.	0.2	0