

# J R Rani

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10487110/publications.pdf>

Version: 2024-02-01

10  
papers

291  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

579  
citing authors

#	ARTICLE	IF	CITATIONS
1	Epoxy to Carbonyl Group Conversion in Graphene Oxide Thin Films: Effect on Structural and Luminescent Characteristics. <i>Journal of Physical Chemistry C</i> , 2012, 116, 19010-19017.	3.1	83
2	Effect of substrate roughness on photoluminescence spectra of silicon nanocrystals grown by off axis pulsed laser deposition. <i>Journal of Applied Physics</i> , 2006, 100, 014302.	2.5	47
3	Substrate and buffer layer effect on the structural and optical properties of graphene oxide thin films. <i>RSC Advances</i> , 2013, 3, 5926.	3.6	43
4	Controlling the luminescence emission from palladium grafted graphene oxide thin films via reduction. <i>Nanoscale</i> , 2013, 5, 5620.	5.6	30
5	Effect of copper surface pre-treatment on the properties of CVD grown graphene. <i>AIP Advances</i> , 2014, 4, .	1.3	29
6	Terahertz and optical study of monolayer graphene processed by plasma oxidation. <i>Applied Physics Letters</i> , 2013, 102, .	3.3	24
7	Terahertz, optical, and Raman signatures of monolayer graphene behavior in thermally reduced graphene oxide films. <i>Journal of Applied Physics</i> , 2013, 113, .	2.5	20
8	Structural and Nonlinear Optical Properties of Self-Assembled SnO <sub>2</sub> -Doped Silicon Nanorings Formed by Pulsed Laser Ablation. <i>Electrochemical and Solid-State Letters</i> , 2008, 11, K73.	2.2	8
9	Graphene Oxide-Oxynitride Hybrid Nanoscrolls for Supercapacitor Electrodes with Enhanced Specific Capacitance. <i>Journal of the Electrochemical Society</i> , 2016, 163, A677-A682.	2.9	6
10	LUMINESCENT SILICON NANOSTRUCTURES VIA TIN OXIDE DOPING. <i>Nano</i> , 2013, 08, 1350008.	1.0	1