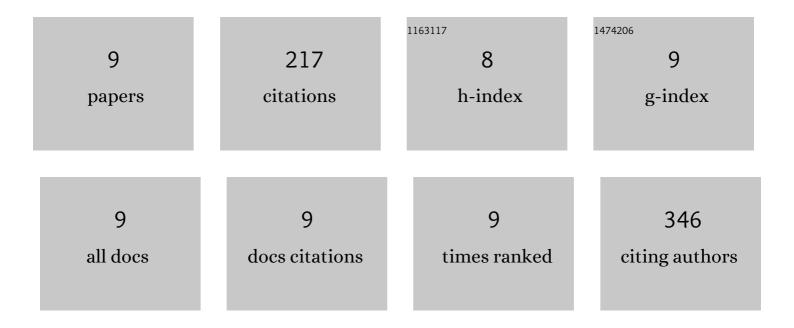
R G Singh

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/59918/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Softening of phonons by lattice defects and structural strain in heavy ion irradiated nanocrystalline zinc oxide films. Journal of Applied Physics, 2011, 110, .	2.5	59
2	Micro-Raman study on the softening and stiffening of phonons in rutile titanium dioxide film: Competing effects of structural defects, crystallite size, and lattice strain. Journal of Applied Physics, 2014, 115, .	2.5	44
3	Development of WO3-PEDOT: PSS hybrid nanocomposites based devices for liquefied petroleum gasÂ(LPG) sensor. Journal of Materials Science: Materials in Electronics, 2019, 30, 13593-13603.	2.2	35
4	Effect of Annealing on the Surface Morphology, Optical and and Structural Properties of Nanodimensional Tungsten Oxide Prepared by Coprecipitation Technique. Journal of Electronic Materials, 2019, 48, 1174-1183.	2.2	33
5	Carrier transport mechanism of highly-sensitive niobium doped titanium dioxide/ <i>p</i> -Si heterojunction photodiode under illuminations by solar simulated light. Journal of Applied Physics, 2016, 120, .	2.5	17
6	Anomalous behavior of B1g mode in highly transparent anatase nano-crystalline Nb-doped Titanium Dioxide (NTO) thin films. AIP Advances, 2015, 5, .	1.3	10
7	Multifunctional hybrid diode: Study of photoresponse, high responsivity, and charge injection mechanisms. Journal of Applied Physics, 2018, 123, .	2.5	10
8	High efficiency hybrid solid state blended dyes sensitized solar cell based on zinc oxide nanostructures. Journal of Renewable and Sustainable Energy, 2013, 5, .	2.0	8
9	Photoluminescence Quenching and Photo-Induced Charge Transfer Processes in Poly(3-octylthiophene) Polymer Based Hybrid Nano-composites by Ion Irradiation for Possible Optoelectronic Applications, Journal of Electronic Materials, 2021, 50, 85-99.	2.2	1