

Ram S Katiyar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10800199/publications.pdf>

Version: 2024-02-01

21
papers

2,262
citations

516710

16
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

4347
citing authors

#	ARTICLE	IF	CITATIONS
1	Manipulation of exciton and trion quasiparticles in monolayer WS ₂ via charge transfer. Applied Physics Letters, 2019, 115, .	3.3	14
2	Spin-Polarized Tunneling through Chemical Vapor Deposited Multilayer Molybdenum Disulfide. ACS Nano, 2017, 11, 6389-6395.	14.6	53
3	Cold cathode emission studies on topographically modified few layer and single layer MoS ₂ films. Applied Physics Letters, 2016, 108, 043103.	3.3	9
4	Surface morphology-controlled fabrication of Na ₂ WO ₄ films with high structural stability. Chemical Physics Letters, 2016, 653, 73-77.	2.6	5
5	Graphitic carbon nanospheres: A Raman spectroscopic investigation of thermal conductivity and morphological evolution by pulsed laser irradiation. Journal of Applied Physics, 2015, 118, .	2.5	4
6	Electron-Phonon Interaction and Double-Resonance Raman Studies in Monolayer WS ₂ . Journal of Physical Chemistry C, 2015, 119, 5146-5151.	3.1	69
7	Multifunctional magnetoelectric materials for device applications. Journal of Physics Condensed Matter, 2015, 27, 504002.	1.8	243
8	Thermal Conductivity of Freestanding Single Wall Carbon Nanotube Sheet by Raman Spectroscopy. ACS Applied Materials & Interfaces, 2014, 6, 19958-19965.	8.0	58
9	Surface Energy Engineering for Tunable Wettability through Controlled Synthesis of MoS ₂ . Nano Letters, 2014, 14, 4314-4321.	9.1	258
10	Temperature dependent Raman scattering studies of three dimensional topological insulators Bi ₂ Se ₃ . Journal of Applied Physics, 2014, 115, .	2.5	56
11	Optical and Vibrational Studies of Partially Edge-Terminated Vertically Aligned Nanocrystalline MoS ₂ Thin Films. Journal of Physical Chemistry C, 2013, 117, 26262-26268.	3.1	51
12	Room-temperature single phase multiferroic magnetoelectrics: Pb(Fe, M) _x (Zr, Ti)(1-x)O ₃ [M = Ta, Nb]. Journal of Applied Physics, 2013, 113, .	2.5	105
13	Temperature-Dependent Raman Studies and Thermal Conductivity of Few-Layer MoS ₂ . Journal of Physical Chemistry C, 2013, 117, 9042-9047.	3.1	602
14	Phonon anomalies near the magnetic phase transitions in BiFeO ₃ thin films with rhombohedral R3c symmetry. Journal of Applied Physics, 2011, 109, .	2.5	24
15	Symmetries and multiferroic properties of novel room-temperature magnetoelectrics: Lead iron tantalate lead zirconate titanate (PFT/PZT). AIP Advances, 2011, 1, .	1.3	110
16	Magnetic effects on dielectric and polarization behavior of multiferroic heterostructures. Applied Physics Letters, 2010, 96, 072904.	3.3	51
17	Dynamic magneto-electric multiferroics PZT/CFO multilayered nanostructure. Journal of Materials Science, 2009, 44, 5127-5142.	3.7	62
18	Anomalous magnetic ordering induced spin-phonon coupling in BiFeO ₃ thin films. Solid State Communications, 2009, 149, 1971-1973.	1.9	17

#	ARTICLE	IF	CITATIONS
19	The Almeida-Thouless line in BiFeO_3 : is bismuth ferrite a mean field spin glass?. Journal of Physics Condensed Matter, 2009, 21, 042202.	1.8	70
20	Spin-glass transition in single-crystal BiFeO_3 . Physical Review B, 2008, 77, .	3.2	270
21	New magnetic phase transitions in BiFeO_3 . Journal of Physics Condensed Matter, 2008, 20, 252203.	1.8	130