

Virendra Singh

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,232
citations

516215

16
h-index

676716

22
g-index

22
all docs

22
docs citations

22
times ranked

1366
citing authors

#	ARTICLE	IF	CITATIONS
1	High thermal conductivity of chain-oriented amorphous polythiophene. Nature Nanotechnology, 2014, 9, 384-390.	15.6	327
2	Regge Poles in $\pi\pi$ Scattering and $\pi\pi$ $\pi^+\pi^-\pi^+\pi^-$. Physical Review, 1963, 129, 1889-1896.	2.7	175
3	A carbon nanotube optical rectenna. Nature Nanotechnology, 2015, 10, 1027-1032.	15.6	131
4	Particle Charging and Charge Screening in Nonpolar Dispersions with Nonionic Surfactants. Langmuir, 2010, 26, 16941-16948.	1.6	94
5	Electric Charging in Nonpolar Liquids Because of Nonionizable Surfactants. Langmuir, 2010, 26, 3203-3207.	1.6	90
6	Theory of the ρ - ω Resonance. Physical Review, 1963, 130, 1177-1179.	2.7	54
7	New Low-Energy Theorem for Compton Scattering. Physical Review Letters, 1967, 19, 730-734.	2.9	38
8	High Thermal and Electrical Conductivity of Template Fabricated P3HT/MWCNT Composite Nanofibers. ACS Applied Materials & Interfaces, 2016, 8, 14788-14794.	4.0	37
9	Surfactant mediated charging of polymer particles in a nonpolar liquid. Journal of Colloid and Interface Science, 2013, 392, 83-89.	5.0	36
10	Lie Group of the Strong-Coupling Theory. II. Equivalence with Static Bootstrap Theory and Application to Pion-Hyperon Scattering. Physical Review, 1966, 149, 1164-1171.	2.7	34
11	Lie Group of the Strong-Coupling Theory. I. Calculation of the Coupling-Constant Ratios and Magnetic Moments for Symmetric Pseudoscalar-Meson Theory. Physical Review, 1966, 144, 1275-1279.	2.7	33
12	Carbon nanotube thermal interfaces enhanced with sprayed on nanoscale polymer coatings. Nanotechnology, 2013, 24, 105401.	1.3	32
13	Poly(3-hexylthiophene) Nanotube Array Surfaces with Tunable Wetting and Contact Thermal Energy Transport. ACS Nano, 2015, 9, 1080-1088.	7.3	29
14	Vector Charge and Magnetic Moment Form Factors of the Nucleon. Physical Review, 1962, 128, 1820-1822.	2.7	26
15	Theory of $\pi\pi$ Scattering in the Strip Approximation to the Mandelstam Representation. Physical Review, 1961, 123, 1487-1495.	2.7	21
16	Persistent organic pollutants (POPs) in fresh water farm fish species from Punjab (India) and evaluation of their dietary intake for human risk assessment. Human and Ecological Risk Assessment (HERA), 2018, 24, 1659-1672.	1.7	18
17	SU(n) crossing matrices for baryon-meson scattering. Annals of Physics, 1966, 36, 285-307.	1.0	16
18	New Low-Energy Theorems for Nucleon Compton Scattering. Physical Review, 1968, 165, 1532-1534.	2.7	14

#	ARTICLE	IF	CITATIONS
19	Low Energy Theorems to Fourth Order inefor Compton Scattering. Physical Review Letters, 1968, 21, 861-864.	2.9	13
20	Lie Group of the Strong-Coupling Theory. III. Dynamical Generation of Extra Internal Symmetry for a Class of Representations. Physical Review, 1967, 157, 1322-1326.	2.7	8
21	Regge Poles and Complex Singularities. Physical Review, 1963, 131, 1882-1888.	2.7	2