

# Virendra Singh

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21  
papers

1,075  
citations

16  
h-index

22  
g-index

22  
ext. papers

1,158  
ext. citations

10.3  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
21	High thermal conductivity of chain-oriented amorphous polythiophene. <i>Nature Nanotechnology</i> , <b>2014</b> , 9, 384-90	28.7	247
20	Regge Poles in $\pi$ Scattering and in $\pi\pi+N\pi$ <i>Physical Review</i> , <b>1963</b> , 129, 1889-1896		173
19	A carbon nanotube optical rectenna. <i>Nature Nanotechnology</i> , <b>2015</b> , 10, 1027-32	28.7	104
18	Particle charging and charge screening in nonpolar dispersions with nonionic surfactants. <i>Langmuir</i> , <b>2010</b> , 26, 16941-8	4	87
17	Electric charging in nonpolar liquids because of nonionizable surfactants. <i>Langmuir</i> , <b>2010</b> , 26, 3203-7	4	83
16	Theory of the $J=32, I=32$ $\pi$ Resonance. <i>Physical Review</i> , <b>1963</b> , 130, 1177-1179		54
15	New Low-Energy Theorem for Compton Scattering. <i>Physical Review Letters</i> , <b>1967</b> , 19, 730-734	7.4	38
14	Lie Group of the Strong-Coupling Theory. II. Equivalence with Static Bootstrap Theory and Application to Pion-Hyperon Scattering. <i>Physical Review</i> , <b>1966</b> , 149, 1164-1171		33
13	Lie Group of the Strong-Coupling Theory. I. Calculation of the Coupling-Constant Ratios and Magnetic Moments for Symmetric Pseudoscalar-Meson Theory. <i>Physical Review</i> , <b>1966</b> , 144, 1275-1279		33
12	Surfactant mediated charging of polymer particles in a nonpolar liquid. <i>Journal of Colloid and Interface Science</i> , <b>2013</b> , 392, 83-89	9.3	32
11	High Thermal and Electrical Conductivity of Template Fabricated P3HT/MWCNT Composite Nanofibers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14788-94	9.5	27
10	Poly(3-hexylthiophene) nanotube array surfaces with tunable wetting and contact thermal energy transport. <i>ACS Nano</i> , <b>2015</b> , 9, 1080-8	16.7	26
9	Carbon nanotube thermal interfaces enhanced with sprayed on nanoscale polymer coatings. <i>Nanotechnology</i> , <b>2013</b> , 24, 105401	3.4	26
8	Vector Charge and Magnetic Moment Form Factors of the Nucleon. <i>Physical Review</i> , <b>1962</b> , 128, 1820-1822		25
7	Theory of $\pi$ Scattering in the Strip Approximation to the Mandelstam Representation. <i>Physical Review</i> , <b>1961</b> , 123, 1487-1495		20
6	SU(n) crossing matrices for baryon-meson scattering. <i>Annals of Physics</i> , <b>1966</b> , 36, 285-307	2.5	16
5	New Low-Energy Theorems for Nucleon Compton Scattering. <i>Physical Review</i> , <b>1968</b> , 165, 1532-1534		14

4	Persistent organic pollutants (POPs) in fresh water farm fish species from Punjab (India) and evaluation of their dietary intake for human risk assessment. <i>Human and Ecological Risk Assessment (HERA)</i> , <b>2018</b> , 24, 1659-1672	4.9	12
3	Low Energy Theorems to Fourth Order in $e$ for Compton Scattering. <i>Physical Review Letters</i> , <b>1968</b> , 21, 861-864	7.4	12
2	Lie Group of the Strong-Coupling Theory. III. Dynamical Generation of Extra Internal Symmetry for a Class of Representations. <i>Physical Review</i> , <b>1967</b> , 157, 1322-1326		7
1	Regge Poles and Complex Singularities. <i>Physical Review</i> , <b>1963</b> , 131, 1882-1888		2