Adrian Popescu

List of Publications by Year
in descending order

23	467	933447 10	677142 22
papers	citations	h-index	g-index

23	23	23	831
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Optical Response of MoTe2 and WTe2 Weyl Semimetals: Distinguishing between Bulk and Surface Contributions. Advanced Theory and Simulations, 2020, 3, 1900247.	2.8	7
2	Giant spin Seebeck effect through an interface organic semiconductor. Materials Horizons, 2020, 7, 1413-1420.	12.2	29
3	Signatures of complex optical response in Casimir interactions of type I and II Weyl semimetals. Communications Materials, 2020, 1, .	6.9	19
4	Composition and stacking dependent topology in bilayers from the graphene family. Physical Review Materials, 2019, 3, .	2.4	8
5	Thermally driven anomalous Hall effect transitions in FeRh. Physical Review B, 2018, 97, .	3.2	9
6	Monitoring Charge Separation Processes in Quasi-One-Dimensional Organic Crystalline Structures. Nano Letters, 2017, 17, 6056-6061.	9.1	5
7	Exciton Bose-Einstein Condensation in Double Walled Carbon Nanotubes. MRS Advances, 2017, 2, 2401-2406.	0.9	3
8	Lowest energy Frenkel and charge transfer exciton intermixing in one-dimensional copper phthalocyanine molecular lattice. Applied Physics Letters, 2016, 109, 213302.	3.3	16
9	Current-induced torques between ferromagnets and compensated antiferromagnets: Symmetry and phase coherence effects. Physical Review B, 2014, 89, .	3.2	9
10	Interface scattering in polycrystalline thermoelectrics. Journal of Applied Physics, 2014, 115, .	2.5	8
11	Dispersive interactions in graphitic nanostructures. Chemical Physics, 2013, 413, 116-122.	1.9	4
12	Magnetic field and nanostructuring effects on the thermoelectric performance of bismuth. Physical Review B, 2012, 85, .	3.2	5
13	Effects of phase-breaking scattering on the thermopower of molecular systems. Physical Review B, 2012, 86, .	3.2	7
14	Valleytronics, Carrier Filtering and Thermoelectricity in Bismuth: Magnetic Field Polarization Effects. Advanced Functional Materials, 2012, 22, 3945-3949.	14.9	15
15	Thermoelectric properties of Bi-doped PbTe composites. Journal of Applied Physics, 2011, 109, .	2.5	29
16	On the role of interband surface plasmons in carbon nanotubes. Optics and Spectroscopy (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.6	2
17	Chirality dependent carbon nanotube interactions. Physical Review B, 2011, 83, .	3.2	17
18	Enhanced thermoelectricity in composites by electronic structure modifications and nanostructuring. Applied Physics Letters, 2010, 97, .	3.3	37

#	Article	IF	Citations
19	Telescopic hot double wall carbon nanotube for nanolithography. Applied Physics Letters, 2009, 95, 203507.	3.3	10
20	Transport Properties of Thermoelectric Nanocomposites. Materials Research Society Symposia Proceedings, 2009, 1166, 8.	0.1	1
21	Model of transport properties of thermoelectric nanocomposite materials. Physical Review B, 2009, 79, .	3.2	168
22	A carbon nanotube oscillator as a surface profiling device. Nanotechnology, 2008, 19, 435702.	2.6	26
23	Simple model of van der Waals interactions between two radially deformed single-wall carbon nanotubes. Physical Review B, 2008, 77, .	3.2	33