Andrzej Twardowski

List of Publications by Year
in descending order

26	323	840585 11	839398 18
papers	citations	h-index	g-index

29	29	29	551
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adsorption of Doxorubicin onto Citrate-Stabilized Magnetic Nanoparticles. Journal of Physical Chemistry C, 2012, 116, 5598-5609.	1.5	58
2	Magnetic interactions in an ensemble of cubic nanoparticles: A Monte Carlo study. Physical Review B, 2013, 88, .	1.1	41
3	Growth of bulk Ga1â^'xMnxN single crystals. Journal of Crystal Growth, 2001, 233, 631-638.	0.7	34
4	Mn and other magnetic impurities in GaN and other IIIâ€"V semiconductors â€" perspective for spintronic applications. Journal of Materials Science: Materials in Electronics, 2008, 19, 828-834.	1.1	30
5	Structural and Magnetic Properties of Coâ€'Mn Codoped ZnO Nanoparticles Obtained by Microwave Solvothermal Synthesis. Crystals, 2018, 8, 410.	1.0	19
6	Magnetic-Nanoparticle-Decorated Polypyrrole Microvessels: Toward Encapsulation of mRNA Cap Analogues. Biomacromolecules, 2013, 14, 1867-1876.	2.6	17
7	High-Spin Radical Cations of Alternating Poly(m-p-anilines). Journal of Physical Chemistry B, 2007, 111, 34-40.	1.2	15
8	Magnetic properties of MnSb inclusions formed in GaSb matrix directly during molecular beam epitaxial growth. Journal of Applied Physics, 2011, 109, 074308.	1.1	14
9	Sâ€"d exchange interaction in GaN:Mn studied by electron paramagnetic resonance. Applied Physics Letters, 2003, 83, 5428-5430.	1.5	13
10	New Chemical Method of Obtaining Thick Ga1-xMnxN Layers:Â Prospective Spintronic Material. Chemistry of Materials, 2007, 19, 3139-3143.	3.2	11
11	Structural and magnetic properties of GaN/Mn nanopowders prepared by an anaerobic synthesis route. RSC Advances, 2015, 5, 37298-37313.	1.7	11
12	Magnetism of Kesterite Cu2ZnSnS4 Semiconductor Nanopowders Prepared by Mechanochemically Assisted Synthesis Method. Materials, 2020, 13, 3487.	1.3	10
13	Structural and magnetic properties of the molecular beam epitaxy grown MnSb layers on GaAs substrates. Journal of Applied Physics, 2009, 106, .	1.1	9
14	Mesogenic Ni(ii) and Cu(ii) complexes of barbituric acid derivativesâ€"toward one-dimensional magnets. Journal of Materials Chemistry, 2008, 18, 3419.	6.7	8
15	Magnetic polymer microcapsules loaded with Nile Red fluorescent dye. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 195, 148-156.	2.0	7
16	Structural and magnetic properties of ceramics prepared by high-pressure high-temperature sintering of manganese-doped gallium nitride nanopowders. Journal of the European Ceramic Society, 2016, 36, 1033-1044.	2.8	6
17	Ferromagnetic spins interaction in alternating branched polyarylamines. Journal of Applied Physics, 2011, 109, 074911.	1.1	5
18	Nanopowders of gallium nitride GaN surface functionalized with manganese. Journal of Materials Science, 2017, 52, 145-161.	1.7	3

#	Article	IF	Citations
19	MAGNETIC AND OPTICAL PROPERTIES OF Fe-BASED SEMIMAGNETIC SEMICONDUCTORS. , 1991, , 275-337.		2
20	Growth of bulk Ga(Mn,Si)N single crystals. Journal of Crystal Growth, 2006, 291, 12-17.	0.7	2
21	Dinuclear Mesogens with Antiferromagnetic Properties. ChemPhysChem, 2010, 11, 1735-1741.	1.0	2
22	Ferromagnetic spins interaction in networked triarylamine polymers. Synthetic Metals, 2015, 199, 27-32.	2.1	2
23	Fabrication and Physical Properties of SiC-GaAs Nano-Composites. Solid State Phenomena, 2006, 114, 297-302.	0.3	1
24	Structural and magnetic properties of MnAs/GaAs ferromagnetic semiconductor nanocomposite material. Journal of Materials Science: Materials in Electronics, 2008, 19, 740-743.	1.1	1
25	Micromagnetic Study of Dipole-Field-Mediated Synchronization Between Domain Wall Spin Torque Nano-Oscillators. IEEE Transactions on Magnetics, 2014, 50, 1-4.	1.2	1
26	Tuning the bimetallic amide-imide precursor system to make paramagnetic GaMnN nanopowders. Materials Chemistry and Physics, 2016, 180, 173-183.	2.0	1