

Andrei Diaconu

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

165
citations

1307594

7
h-index

1199594

12
g-index

14
all docs

14
docs citations

14
times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions and reversal-field memory in complex magnetic nanowire arrays. <i>Physical Review B</i> , 2011, 84, .	3.2	56
2	Piezoresistive Effect in the $[\text{Fe}(\text{Htrz})_2(\text{trz})](\text{BF}_4)_x$ Spin Crossover Complex. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 3147-3151.	4.6	29
3	Interaction Effects in Ni Nanowire Arrays. <i>IEEE Transactions on Magnetics</i> , 2008, 44, 2730-2733.	2.1	17
4	Exchange bias in $(\text{FeNi}/\text{IrMn})_n$ multilayer films evaluated by static and dynamic techniques. <i>Journal Physics D: Applied Physics</i> , 2014, 47, 255002.	2.8	15
5	Possible nodal superconducting gap in $\text{Fe}_{1+y}(\text{Te}_{1-x}\text{Se}_x)$ single crystals from ultralow temperature penetration depth measurements. <i>Physical Review B</i> , 2013, 88, .	3.2	8
6	The temperature dependence of hysteretic processes in Co nanowires arrays. <i>Journal of Applied Physics</i> , 2008, 103, 07D930.	2.5	7
7	Magnetic and electrical properties of $\text{Mg}_{1-x}\text{Co}_x\text{Fe}_2\text{O}_4$ ($x = 0-0.15$) ceramics prepared by the solid-state method. <i>Journal of the European Ceramic Society</i> , 2022, 42, 442-447.	5.7	7
8	Microwave-Assisted Synthesis of an Alternant Poly(fluorene-oxadiazole). Synthesis, Properties, and White Light-Emitting Devices. <i>Polymers</i> , 2019, 11, 1562.	4.5	6
9	Pressure gradient effect on spin-crossover materials: Experiment vs theory. <i>Journal of Applied Physics</i> , 2021, 129, 064501.	2.5	6
10	Structural, Optical, and Catalytic Properties of MgCr_2O_4 Spinel-Type Nanostructures Synthesized by Sol-Gel Auto-Combustion Method. <i>Catalysts</i> , 2021, 11, 1476.	3.5	6
11	Synthesis and light-induced aggregation of benzoate-stabilized silver nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 709-714.	3.1	4
12	Anomalous Pressure Effects on the Electrical Conductivity of the Spin Crossover Complex $[\text{Fe}(\text{pyrazine})\{\text{Au}(\text{CN})_2\}_2]$. <i>Magnetochemistry</i> , 2020, 6, 31.	2.4	4
13	Design of a tunnel diode oscillator for material properties investigations. , 2014, , .		0
14	The temperature dependence of magnetostatic interactions in nanowire systems. , 2014, , .		0