Mestapha Arejdal

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1511224/publications.pdf

Version: 2024-02-01

22 papers	185 citations	1163117 8 h-index	1125743 13 g-index
24 all docs	24 docs citations	24 times ranked	121 citing authors

#	Article	IF	Citations
1	Magnetic properties of the double perovskite <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si16.gif" overflow="scroll"><mml:msub><mml:mrow><mml:mstyle mathvariant="normal"><mml:mi>Ba</mml:mi></mml:mstyle></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:m mathvariant="normal"><mml:mi>NiUO</mml:mi></mml:mstyle></mml:mrow><mml:mrow><mml:mn>6</mml:mn></mml:mrow></m Physica A: Statistical Mechanics and its Applications, 2015, 437, 375-381.	2.6	40
2	Magnetic Properties of the DoublePerovskite Ba2CoUO6: Ab Initio Method, Mean Field Approximation, and Monte Carlo Study. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2659-2667.	1.8	19
3	Prediction of the magnetocaloric behaviors of the Kekulene structure for the magnetic refrigeration. Results in Physics, 2020, 18, 103342.	4.1	16
4	The Calculated Magnetic Properties and Magneto-caloric Effect in Compound MnAs. Journal of Superconductivity and Novel Magnetism, 2017, 30, 1565-1574.	1.8	12
5	Zero-field-cooled/field-cooled magnetization study of Dendrimer model. Physica B: Condensed Matter, 2017, 504, 116-120.	2.7	10
6	The magnetic properties and magneto-caloric effect in the compound MnBi: The Monte Carlo study. Journal of Magnetism and Magnetic Materials, 2018, 466, 463-468.	2.3	10
7	A computational study of the magnetocaloric effect in the LaCr2Si2C compound. Polyhedron, 2020, 183, 114539.	2.2	10
8	Mixed Spins in a Nano-system Built on a Dendrimer Structure: Monte Carlo Study. Journal of Superconductivity and Novel Magnetism, 2015, 28, 3371-3378.	1.8	9
9	Magnetic Properties of the Quadruple Perovskite Oxide CaCu 3 Fe 2 Re 2 O 12 : Monte Carlo Study. Superlattices and Microstructures, 2017, 101, 329-340.	3.1	9
10	Effect of halogens doping on transparent conducting properties of SnO2 rutile: an ab initio investigation. Optical and Quantum Electronics, 2018, 50, 1.	3.3	9
11	Magnetic Nanoparticle Systems: Dendrimer Model. Journal of Superconductivity and Novel Magnetism, 2016, 29, 2553-2558.	1.8	8
12	Investigation of optoelectronic properties of BiMO3/MÂ=ÂTM, within the full potential-linearized augmented plane wave method. Optical and Quantum Electronics, 2016, 48, 1.	3.3	7
13	Effect of Fe doping on the electronic structure, optical and electrical properties of ZnO compound: Ab initio insights. Optik, 2017, 131, 399-405.	2.9	6
14	The theoretical study of the magneto-caloric effect in a nano-structure formed on a Dendrimer structure. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	5
15	Effects of size for an assembly of core-shell nanoparticles with the cubic structure: Monte Carlo simulations. Solid State Communications, 2022, 352, 114816.	1.9	4
16	Ab initio study of semi-classic transport coefficients of SnO 2 thermoelectric material. Chinese Journal of Physics, 2017, 55, 187-194.	3.9	3
17	Ab initio study of thermoelectric properties of Cu3PSe4 and Cu3PS4: alternative materials for thermoelectric applications. Optical and Quantum Electronics, 2017, 49, 1.	3.3	2
18	Calculated Magnetic Properties of the Compound PbVO3. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2247-2253.	1.8	2

#	Article	IF	Citations
19	The electronic, magnetic and optical properties of Ba2MUO6 compounds with (Mâ€‰=â€‰Ni, Co, Cd and Zn): DFT calculation. Optical and Quantum Electronics, 2021, 53, 1.	3.3	2
20	The magnetic cooling of YTiO3 compound for magnetic refrigeration. Solid State Communications, 2021, , 114617.	1.9	2
21	Magneto-caloric effect in Pb2CoUO6 with the second-order phase transition. Bulletin of Materials Science, 2021, 44, 1.	1.7	0
22	Magnetic Cooling and Critical Exponents at Near Room Temperature: The SrCoO3 Perovskite. Chemical Physics Letters, 2021, , 139269.	2.6	0