Andrzej P KÄdzielawa

List of Publications by Year
in descending order

15 papers	115 citations	1306789 7 h-index	1281420 11 g-index
15 all docs	15 docs citations	15 times ranked	92 citing authors

#	Article	IF	Citations
1	MAELAS 2.0: A new version of a computer program for the calculation of magneto-elastic properties. Computer Physics Communications, 2022, 271, 108197.	3.0	5
2	Electrons and phonons in uranium hydrides - effects of polar bonding. Journal of Nuclear Materials, 2022, 567, 153817.	1.3	5
3	MAELAS: MAgneto-ELAStic properties calculation via computational high-throughput approach. Computer Physics Communications, 2021, 264, 107964.	3.0	10
4	Photoemission signature of momentum-dependent hybridization in <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:msub><mml:mrow><mml:mi>CeCoIn</mml:mi></mml:mrow><mml:mn>5</mml:mn> Physical Review B, 2021, 104, .	1.1	4
5	Inhibition of steel corrosion with imidazolium-based compounds â€“ Experimental and theoretical study. Corrosion Science, 2021, 191, 109716.	3.0	9
6	Ultrafine-grained W-Cr composite prepared by controlled W-Cr solid solution decomposition. Materials Letters, 2021, 304, 130728.	1.3	4
7	MAELASviewer: An Online Tool to Visualize Magnetostriction. Sensors, 2020, 20, 6436.	2.1	4
8	Atomization of correlated molecular-hydrogen chain: A fully microscopic variational Monte Carlo solution. Physical Review B, 2018, 98, .	1.1	7
9	Metallization of solid molecular hydrogen in two dimensions: Mott-Hubbard-type transition. Physical Review B, 2017, 96, .	1.1	3
10	Dot-ring nanostructure: Rigorous analysis of many-electron effects. Scientific Reports, 2016, 6, 29887.	1.6	11
11	Discontinuous transition of molecular-hydrogen chain to the quasiatomic state: Combined exact diagonalization andab initioapproach. Physical Review B, 2015, 92, .	1.1	6
12	Combined shared and distributed memory ab-initio computations of molecular-hydrogen systems in the correlated state: Process pool solution and two-level parallelism. Computer Physics Communications, 2015, 197, 7-16.	3.0	10
13	H2and (H2)2molecules with anab initiooptimization of wave functions in correlated state: electronâ€“proton couplings and intermolecular microscopic parameters. New Journal of Physics, 2014, 16, 123022.	1.2	15
14	Metallization of Atomic Solid Hydrogen within the Extended Hubbard Model with Renormalized Wannier Wave Functions. Acta Physica Polonica A, 2014, 126, A-58-A-62.	0.2	1
15	Extended Hubbard model with renormalized Wannier wave functions in the correlated state III. European Physical Journal B, 2013, 86, 1.	0.6	21