

Emanuele Maggio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5042563/publications.pdf>

Version: 2024-02-01

15
papers

562
citations

933447

10
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Prototypical many-body signatures in transport properties of semiconductors. <i>Physical Review B</i> , 2022, 105, .	3.2	6
2	Resistivity saturation in Kondo insulators. <i>Communications Physics</i> , 2021, 4, .	5.3	12
3	Correction to <i><i>GW</i> Vertex Corrected Calculations for Molecular Systems</i> . <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 1821-1821.	5.3	1
4	<i><i>GW</i>100: A Plane Wave Perspective for Small Molecules</i> . <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 635-648.	5.3	74
5	<i><i>GW</i> Vertex Corrected Calculations for Molecular Systems</i> . <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 4765-4778.	5.3	48
6	Correlation energy for the homogeneous electron gas: Exact Bethe-Salpeter solution and an approximate evaluation. <i>Physical Review B</i> , 2016, 93, .	3.2	80
7	Continuum and atomistic description of excess electrons in TiO ₂ . <i>Journal of Physics Condensed Matter</i> , 2016, 28, 074004.	1.8	5
8	Beyond the Tamm-Dancoff approximation for extended systems using exact diagonalization. <i>Physical Review B</i> , 2015, 92, .	3.2	101
9	Singles correlation energy contributions in solids. <i>Journal of Chemical Physics</i> , 2015, 143, 102816.	3.0	39
10	Exploiting Quantum Interference in Dye Sensitized Solar Cells. <i>ACS Nano</i> , 2014, 8, 409-418.	14.6	35
11	An expression for the bridge-mediated electron transfer rate in dye-sensitized solar cells. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014, 372, 20130011.	3.4	3
12	Using Orbital Symmetry to Minimize Charge Recombination in Dye-Sensitized Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 973-975.	13.8	36
13	Theory of the Charge Recombination Reaction at the Semiconductor-Adsorbate Interface in the Presence of Defects. <i>Journal of Physical Chemistry C</i> , 2013, 117, 24196-24205.	3.1	15
14	Theoretical study of charge recombination at the TiO ₂ -electrolyte interface in dye sensitised solar cells. <i>Journal of Chemical Physics</i> , 2012, 137, 22A508.	3.0	20
15	Evaluating Charge Recombination Rate in Dye-Sensitized Solar Cells from Electronic Structure Calculations. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7638-7649.	3.1	85