

Emanuele Maggio

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

562
citations

933264

10
h-index

940416

16
g-index

16
all docs

16
docs citations

16
times ranked

820
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond the Tamm-Dancoff approximation for extended systems using exact diagonalization. Physical Review B, 2015, 92, .	1.1	101
2	Evaluating Charge Recombination Rate in Dye-Sensitized Solar Cells from Electronic Structure Calculations. Journal of Physical Chemistry C, 2012, 116, 7638-7649.	1.5	85
3	Correlation energy for the homogeneous electron gas: Exact Bethe-Salpeter solution and an approximate evaluation. Physical Review B, 2016, 93, .	1.1	80
4	<i>GW</i> 100: A Plane Wave Perspective for Small Molecules. Journal of Chemical Theory and Computation, 2017, 13, 635-648.	2.3	74
5	<i>GW</i> Vertex Corrected Calculations for Molecular Systems. Journal of Chemical Theory and Computation, 2017, 13, 4765-4778.	2.3	48
6	Singles correlation energy contributions in solids. Journal of Chemical Physics, 2015, 143, 102816.	1.2	39
7	Using Orbital Symmetry to Minimize Charge Recombination in Dye-Sensitized Solar Cells. Angewandte Chemie - International Edition, 2013, 52, 973-975.	7.2	36
8	Exploiting Quantum Interference in Dye Sensitized Solar Cells. ACS Nano, 2014, 8, 409-418.	7.3	35
9	Theoretical study of charge recombination at the TiO ₂ -electrolyte interface in dye sensitised solar cells. Journal of Chemical Physics, 2012, 137, 22A508.	1.2	20
10	Theory of the Charge Recombination Reaction at the Semiconductor-Adsorbate Interface in the Presence of Defects. Journal of Physical Chemistry C, 2013, 117, 24196-24205.	1.5	15
11	Resistivity saturation in Kondo insulators. Communications Physics, 2021, 4, .	2.0	12
12	Prototypical many-body signatures in transport properties of semiconductors. Physical Review B, 2022, 105, .	1.1	6
13	Continuum and atomistic description of excess electrons in TiO ₂ . Journal of Physics Condensed Matter, 2016, 28, 074004.	0.7	5
14	An expression for the bridge-mediated electron transfer rate in dye-sensitized solar cells. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2014, 372, 20130011.	1.6	3
15	Correction to <i>GW</i> Vertex Corrected Calculations for Molecular Systems. Journal of Chemical Theory and Computation, 2018, 14, 1821-1821.	2.3	1