

Emanuele Maggio

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

435
citations

10
h-index

16
g-index

16
ext. papers

501
ext. citations

5.6
avg, IF

4.11
L-index

#	Paper	IF	Citations
14	Evaluating Charge Recombination Rate in Dye-Sensitized Solar Cells from Electronic Structure Calculations. <i>Journal of Physical Chemistry C</i> , 2012 , 116, 7638-7649	3.8	79
13	Correlation energy for the homogeneous electron gas: Exact Bethe-Salpeter solution and an approximate evaluation. <i>Physical Review B</i> , 2016 , 93,	3.3	66
12	Beyond the Tamm-Dancoff approximation for extended systems using exact diagonalization. <i>Physical Review B</i> , 2015 , 92,	3.3	63
11	GW100: A Plane Wave Perspective for Small Molecules. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 635-648	6.4	58
10	Using orbital symmetry to minimize charge recombination in dye-sensitized solar cells. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 973-5	16.4	36
9	GW Vertex Corrected Calculations for Molecular Systems. <i>Journal of Chemical Theory and Computation</i> , 2017 , 13, 4765-4778	6.4	33
8	Exploiting quantum interference in dye sensitized solar cells. <i>ACS Nano</i> , 2014 , 8, 409-18	16.7	31
7	Singles correlation energy contributions in solids. <i>Journal of Chemical Physics</i> , 2015 , 143, 102816	3.9	29
6	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	3.9	18
5	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	3.8	14
4	Continuum and atomistic description of excess electrons in TiO ₂ . <i>Journal of Physics Condensed Matter</i> , 2016 , 28, 074004	1.8	4
3	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, 20130017		3
2	Using Orbital Symmetry to Minimize Charge Recombination in Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , 2013 , 125, 1007-1009	3.6	1
1	Correction to GW Vertex Corrected Calculations for Molecular Systems. <i>Journal of Chemical Theory and Computation</i> , 2018 , 14, 1821	6.4	