

# Emanuele Maggio

## List of Publications by Year in Descending Order

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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	Correction to GW Vertex Corrected Calculations for Molecular Systems. <i>Journal of Chemical Theory and Computation</i> , <b>2018</b> , 14, 1821	6.4	
13	GW100: A Plane Wave Perspective for Small Molecules. <i>Journal of Chemical Theory and Computation</i> , <b>2017</b> , 13, 635-648	6.4	58
12	GW Vertex Corrected Calculations for Molecular Systems. <i>Journal of Chemical Theory and Computation</i> , <b>2017</b> , 13, 4765-4778	6.4	33
11	Correlation energy for the homogeneous electron gas: Exact Bethe-Salpeter solution and an approximate evaluation. <i>Physical Review B</i> , <b>2016</b> , 93,	3.3	66
10	Continuum and atomistic description of excess electrons in TiO <sub>2</sub> . <i>Journal of Physics Condensed Matter</i> , <b>2016</b> , 28, 074004	1.8	4
9	Beyond the Tamm-Dancoff approximation for extended systems using exact diagonalization. <i>Physical Review B</i> , <b>2015</b> , 92,	3.3	63
8	Singles correlation energy contributions in solids. <i>Journal of Chemical Physics</i> , <b>2015</b> , 143, 102816	3.9	29
7	Exploiting quantum interference in dye sensitized solar cells. <i>ACS Nano</i> , <b>2014</b> , 8, 409-18	16.7	31
6	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> , <b>2014</b> , 372, 20130017		3
5	Using Orbital Symmetry to Minimize Charge Recombination in Dye-Sensitized Solar Cells. <i>Angewandte Chemie</i> , <b>2013</b> , 125, 1007-1009	3.6	1
4	Using orbital symmetry to minimize charge recombination in dye-sensitized solar cells. <i>Angewandte Chemie - International Edition</i> , <b>2013</b> , 52, 973-5	16.4	36
3	Theory of the Charge Recombination Reaction at the Semiconductor/Absorbate Interface in the Presence of Defects. <i>Journal of Physical Chemistry C</i> , <b>2013</b> , 117, 24196-24205	3.8	14
2	Theoretical study of charge recombination at the TiO <sub>2</sub> -electrolyte interface in dye sensitized solar cells. <i>Journal of Chemical Physics</i> , <b>2012</b> , 137, 22A508	3.9	18
1	Evaluating Charge Recombination Rate in Dye-Sensitized Solar Cells from Electronic Structure Calculations. <i>Journal of Physical Chemistry C</i> , <b>2012</b> , 116, 7638-7649	3.8	79