Ciro A Guido

List of Publications by Year
in descending order

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23 papers	1,708 citations	430874 18 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	2222 citing authors

#	Article	IF	Citations
1	On the Metric of Charge Transfer Molecular Excitations: A Simple Chemical Descriptor. Journal of Chemical Theory and Computation, 2013, 9, 3118-3126.	5.3	335
2	Practical computation of electronic excitation in solution: vertical excitation model. Chemical Science, 2011, 2, 2143.	7.4	202
3	Planar vs. twisted intramolecular charge transfer mechanism in Nile Red: new hints from theory. Physical Chemistry Chemical Physics, 2010, 12, 8016.	2.8	126
4	Benchmarking Time-Dependent Density Functional Theory for Excited State Geometries of Organic Molecules in Gas-Phase and in Solution. Journal of Chemical Theory and Computation, 2013, 9, 2209-2220.	5.3	123
5	Circularly Polarized Luminescence from Axially Chiral BODIPY DYEmers: An Experimental and Computational Study. Chemistry - A European Journal, 2016, 22, 16089-16098.	3.3	119
6	Communication: One third: A new recipe for the PBE0 paradigm. Journal of Chemical Physics, 2013, 138, 021104.	3.0	115
7	Electronic Excitations in Solution: The Interplay between State Specific Approaches and a Time-Dependent Density Functional Theory Description. Journal of Chemical Theory and Computation, 2015, 11, 5782-5790.	5.3	112
8	On the TD-DFT Accuracy in Determining Single and Double Bonds in Excited-State Structures of Organic Molecules. Journal of Physical Chemistry A, 2010, 114, 13402-13410.	2.5	76
9	An Ab Initio Description of the Excitonic Properties of LH2 and Their Temperature Dependence. Journal of Physical Chemistry B, 2016, 120, 11348-11359.	2.6	64
10	Effective electron displacements: A tool for time-dependent density functional theory computational spectroscopy. Journal of Chemical Physics, 2014, 140, 104101.	3.0	63
11	The Betheâ€“Salpeter formalism with polarisable continuum embedding: reconciling linear-response and state-specific features. Chemical Science, 2018, 9, 4430-4443.	7.4	55
12	Coupling to Charge Transfer States is the Key to Modulate the Optical Bands for Efficient Light Harvesting in Purple Bacteria. Journal of Physical Chemistry Letters, 2018, 9, 6892-6899.	4.6	55
13	First-principles investigation of the double ESIPT process in a thiophene-based dye. Physical Chemistry Chemical Physics, 2019, 21, 2307-2317.	2.8	48
14	EXAT: EXcitonic analysis tool. Journal of Computational Chemistry, 2018, 39, 279-286.	3.3	37
15	Simple Protocol for Capturing Both Linear-Response and State-Specific Effects in Excited-State Calculations with Continuum Solvation Models. Journal of Chemical Theory and Computation, 2021, 17, 5155-5164.	5.3	36
16	The role of magneticâ€“electric coupling in exciton-coupled ECD spectra: the case of bis-phenanthrenes. Chemical Communications, 2015, 51, 10498-10501.	4.1	32
17	On the description of the environment polarization response to electronic transitions. International Journal of Quantum Chemistry, 2019, 119, e25711.	2.0	25
18	Density-Dependent Formulation of Dispersionâ€“Repulsion Interactions in Hybrid Multiscale Quantum/Molecular Mechanics (QM/MM) Models. Journal of Chemical Theory and Computation, 2018, 14, 1671-1681.	5.3	24

#	Article	IF	Citations
19	Plasmon Enhanced Light Harvesting: Multiscale Modeling of the FMO Protein Coupled with Gold Nanoparticles. Journal of Physical Chemistry A, 2015, 119, 5197-5206.	2.5	18
20	Circular Dichroism and TDDFT Investigation of Chiral Fluorinated Aryl Benzyl Sulfoxides. European Journal of Organic Chemistry, 2015, 2015, 5554-5562.	2.4	14
21	Control of Coherences and Optical Responses of Pigmentâ€“Protein Complexes by Plasmonic Nanoantennae. Journal of Physical Chemistry Letters, 2016, 7, 2189-2196.	4.6	14
22	An open quantum system theory for polarizable continuum models. Journal of Chemical Physics, 2020, 152, 174114.	3.0	14
23	Exploring the Spatial Features of Electronic Transitions in Molecular and Biomolecular Systems by Swift Electrons. Journal of Chemical Theory and Computation, 2021, 17, 2364-2373.	5.3	1