Alessandro Biancardi

List of Publications by Year
in descending order

12	241	1040056 9	1199594 12
papers	citations	h-index	g-index

12	12	12	427
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Thiazole orange (TO) as a light-switch probe: a combined quantum-mechanical and spectroscopic study. Physical Chemistry Chemical Physics, 2011, 13, 12595.	2.8	47
2	An investigation of the photophysical properties of minor groove bound and intercalated DAPI through quantum-mechanical and spectroscopic tools. Physical Chemistry Chemical Physics, 2013, 15, 4596.	2.8	44
3	Mechanistic aspects of thioflavin-T self-aggregation and DNA binding: evidence for dimer attack on DNA grooves. Physical Chemistry Chemical Physics, 2014, 16, 20061-20072.	2.8	35
4	Simulations of Ammonia Adsorption for the Characterization of Acid Sites in Metal-Doped Amorphous Silicates. Journal of Physical Chemistry C, 2017, 121, 22258-22267.	3.1	25
5	A Theoretical and Experimental Investigation of the Spectroscopic Properties of a DNAâ€Intercalator Salphenâ€Type Zn^{II} Complex. Chemistry - A European Journal, 2014, 20, 7439-7447.	3.3	23
6	Fluorescent dyes in the context of DNAâ€binding: The case of Thioflavin T. International Journal of Quantum Chemistry, 2017, 117, e25349.	2.0	13
7	Correlation of Active Site Precursors and Olefin Metathesis Activity in W-Incorporated Silicates. ACS Catalysis, 2018, 8, 10437-10445.	11.2	13
8	Point charge embedding for ONIOM excited states calculations. Journal of Chemical Physics, 2016, 145, 224109.	3.0	12
9	Evaluation of Electronic Coupling in Solids from Ab Initio Periodic Boundary Condition Calculations: The Case of Pentacene Crystal and Bilayer Graphene. Journal of Physical Chemistry C, 2016, 120, 17939-17948.	3.1	10
10	How the Number of Layers and Relative Position Modulate the Interlayer Electron Transfer in Ï€-Stacked 2D Materials. Journal of Physical Chemistry Letters, 2017, 8, 1365-1370.	4.6	7
11	Electronic Coupling for Donor-Bridge-Acceptor Systems with a Bridge-Overlap Approach. Journal of Chemical Theory and Computation, 2017, 13, 4154-4161.	5.3	6
12	A Benchmark Study of Electronic Couplings in Donorâ€“Bridgeâ€“Acceptor Systems with the FMR-B Method. Journal of Chemical Theory and Computation, 2018, 14, 2007-2016.	5.3	6