

Francesca Ingrosso

List of Publications by Year in descending order

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13
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229
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Glimpse into the CO ₂ -philicity of Carbonyl Compounds. ChemPhysChem, 2012, 13, 3397-3403.	2.1	44
2	Modeling Solvation in Supercritical CO ₂ . ChemPhysChem, 2017, 18, 2560-2572.	2.1	30
3	A theoretical investigation of the CO ₂ -philicity of amides and carbamides. Theoretical Chemistry Accounts, 2013, 132, 1.	1.4	27
4	Dynamical and Environmental Effects on the Optical Properties of an Heteroleptic Ru(II)-Polypyridine Complex: A Multilevel Approach Combining Accurate Ground and Excited State QM-Derived Force Fields, MD and TD-DFT. Journal of Chemical Theory and Computation, 2019, 15, 529-545.	5.3	17
5	Optical properties of photodynamic therapy drugs in different environments: the paradigmatic case of temoporfin. Physical Chemistry Chemical Physics, 2020, 22, 16956-16964.	2.8	17
6	Cavity Closure Dynamics of Peracetylated β -Cyclodextrins in Supercritical Carbon Dioxide. Journal of Physical Chemistry B, 2012, 116, 3982-3990.	2.6	14
7	Theoretical insights on electron donor-acceptor interactions involving carbon dioxide. Chemical Physics Letters, 2014, 601, 98-102.	2.6	14
8	Driving Forces Controlling Host-Guest Recognition in Supercritical Carbon Dioxide Solvent. Chemistry - A European Journal, 2016, 22, 2972-2979.	3.3	10
9	Correlated <i>ab initio</i> molecular dynamics simulations of the acetone-carbon dioxide complex: implications for solubility in supercritical CO ₂ . Molecular Simulation, 2014, 40, 154-159.	2.0	8
10	Electronic Interactions in Iminophosphorane Superbase Complexes with Carbon Dioxide. Journal of Physical Chemistry A, 2018, 122, 1764-1770.	2.5	3
11	Molecular insights into the carbon dioxide-carboxylate anion interactions and implications for carbon capture. Theoretical Chemistry Accounts, 2019, 138, 1.	1.4	3