

# Francesca Ingrosso

## List of Publications by Year in descending order

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11  
papers

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1163117  
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docs citations

13  
times ranked

229  
citing authors

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