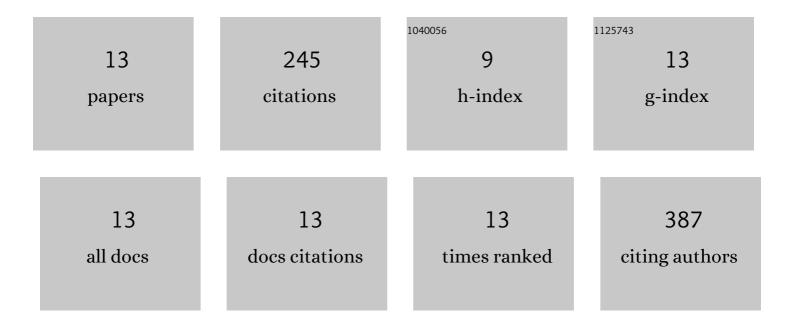
Angela Rodriguez-Serrano

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Internal heavy atom effects in phenothiazinium dyes: enhancement of intersystem crossing via vibronic spin–orbit coupling. Physical Chemistry Chemical Physics, 2015, 17, 11350-11358.	2.8	55
2	The Nature of the Donor Motif in Acceptor-Bridge-Donor Dyes as an Influence in the Electron Photo-Injection Mechanism in DSSCs. Journal of Physical Chemistry A, 2016, 120, 1613-1624.	2.5	41
3	A quantum chemical investigation of the electronic structure of thionine. Photochemical and Photobiological Sciences, 2012, 11, 397-408.	2.9	32
4	A theoretical study of thionine: spin—orbit coupling and intersystem crossing. Photochemical and Photobiological Sciences, 2012, 11, 1860-1867.	2.9	24
5	Effects of the acceptor unit in dyes with acceptor–bridge–donor architecture on the electron photo-injection mechanism and aggregation in DSSCs. Physical Chemistry Chemical Physics, 2016, 18, 24239-24251.	2.8	23
6	Three-component one-pot synthesis of novel pyrido[2,3-d]pyrimidine indole substituted derivatives and DFT analysis. Journal of Molecular Structure, 2017, 1137, 431-439.	3.6	17
7	Intersystem crossing processes in the 2CzPN emitter: a DFT/MRCI study including vibrational spin–orbit interactions. Physical Chemistry Chemical Physics, 2021, 23, 3668-3678.	2.8	13
8	Novel (E)-1-(pyrrole-2-yl)-3-(aryl)-2-(propen-1-one) derivatives as efficient singlet oxygen quenchers: kinetics and quantum chemical calculations. RSC Advances, 2015, 5, 71565-71572.	3.6	10
9	Exploring the relevance of thiophene rings as bridge unit in acceptorâ€bridgeâ€donor dyes on selfâ€aggregation and performance in DSSCs. Journal of Computational Chemistry, 2018, 39, 685-698.	3.3	10
10	Singlet oxygen photogeneration by ethanolic extract of Syzygium cumini fruits: Theoretical elucidation through excited states computations. Chemical Physics Letters, 2019, 715, 51-55.	2.6	8
11	Protonationâ€Stateâ€Driven Photophysics in Phenothiazinium Dyes: Intersystem Crossing and Singletâ€Oxygen Production. ChemPhotoChem, 2017, 1, 459-469.	3.0	5
12	DFT/MRCI assessment of the excitedâ€state interplay in a coumarinâ€schiff Mg 2+ fluorescent sensor. Journal of Computational Chemistry, 2020, 41, 136-146.	3.3	4
13	Furanyl chalcone derivatives as efficient singlet oxygen quenchers. An experimental and DFT/MRCI study. Tetrahedron, 2020, 76, 131248.	1.9	3