

# Eduardo Romero-Montalvo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1407061/publications.pdf>

Version: 2024-02-01

12  
papers

414  
citations

840776

11  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

480  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen bond cooperativity and anticooperativity within the water hexamer. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 19557-19566.	2.8	106
2	The nature of resonance-assisted hydrogen bonds: a quantum chemical topology perspective. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 26383-26390.	2.8	64
3	Bimodal Evansâ€Polanyi Relationships in Hydrogen Atom Transfer from C(sp <sup>3</sup> )â€H Bonds to the Cumyloxyl Radical. A Combined Time-Resolved Kinetic and Computational Study. <i>Journal of the American Chemical Society</i> , 2021, 143, 11759-11776.	13.7	39
4	Extremely Fast Hydrogen Atom Transfer between Nitroxides and HOO<b>Â</b> Radicals and Implication for Catalytic Coantioxidant Systems. <i>Journal of the American Chemical Society</i> , 2018, 140, 10354-10362.	13.7	34
5	Cooperative and anticooperative effects in resonance assisted hydrogen bonds in merged structures of malondialdehyde. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 97-107.	2.8	30
6	Detailed characterization of glycosylated sensory-active volatile phenols in smoke-exposed grapes and wine. <i>Food Chemistry</i> , 2018, 259, 147-156.	8.2	29
7	Acidity and basicity interplay in amide and imide self-association. <i>Chemical Science</i> , 2018, 9, 4402-4413.	7.4	28
8	The bifunctional catalytic role of water clusters in the formation of acid rain. <i>Chemical Communications</i> , 2017, 53, 3516-3519.	4.1	24
9	Hydrogenâ€Bond Weakening through Î Systems: Resonanceâ€mpaired Hydrogen Bonds (RIHB). <i>Chemistry - A European Journal</i> , 2017, 23, 16605-16611.	3.3	20
10	Evaluation of Polar Effects in Hydrogen Atom Transfer Reactions from Activated Phenols. <i>Journal of Organic Chemistry</i> , 2019, 84, 1778-1786.	3.2	16
11	Directing the Crystal Packing in Triphenylphosphine Gold(I) Thiolates by Ligand Fluorination. <i>Inorganic Chemistry</i> , 2020, 59, 8667-8677.	4.0	13
12	Computational Study of Hydrogen Bond Interactions in Water Clusterâ€Organic Molecule Complexes. <i>Journal of Physical Chemistry A</i> , 2021, 125, 3369-3377.	2.5	10