

Alessio Caruso

List of Publications by Year in descending order

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13
papers

327
citations

1040056

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all docs

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docs citations

13
times ranked

414
citing authors

#	ARTICLE	IF	CITATIONS
1	Radical Approach to Enzymatic $\hat{\text{I}}^2$ -Thioether Bond Formation. <i>Journal of the American Chemical Society</i> , 2019, 141, 990-997.	13.7	68
2	Macrocyclization via an Arginine-Tyrosine Crosslink Broadens the Reaction Scope of Radical <i>S</i> -Adenosylmethionine Enzymes. <i>Journal of the American Chemical Society</i> , 2019, 141, 16610-16614.	13.7	58
3	The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. <i>Journal of Inorganic Biochemistry</i> , 2016, 162, 44-51.	3.5	49
4	Protection by extra virgin olive oil against oxidative stress in vitro and in vivo. Chemical and biological studies on the health benefits due to a major component of the Mediterranean diet. <i>PLoS ONE</i> , 2017, 12, e0189341.	2.5	29
5	Mechanistic Investigations of Lysine-Tryptophan Cross-Link Formation Catalyzed by Streptococcal Radical <i>S</i> -Adenosylmethionine Enzymes. <i>Biochemistry</i> , 2018, 57, 461-468.	2.5	29
6	Trapping a cross-linked lysine-tryptophan radical in the catalytic cycle of the radical SAM enzyme SuiB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	29
7	Regiospecifically Fluorinated Polycyclic Aromatic Hydrocarbons via Julia-Kocienski Olefination and Oxidative Photocyclization. Effect of Fluorine Atom Substitution on Molecular Shape. <i>Journal of Organic Chemistry</i> , 2016, 81, 3983-3993.	3.2	28
8	Radical SAM Enzyme QmpB Installs Two 9-Membered Ring Sactonine Macrocycles during Biogenesis of a Ribosomal Peptide Natural Product. <i>Journal of Organic Chemistry</i> , 2021, 86, 11284-11289.	3.2	15
9	Solution structure and biochemical characterization of a spare part protein that restores activity to an oxygen-damaged glycyl radical enzyme. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 817-829.	2.6	14
10	A structural and computational study of citrulline in biochemical reactions. <i>Structural Chemistry</i> , 2017, 28, 1581-1589.	2.0	4
11	The Chemistry and Structural Enzymology of RiPP-Modifying Radical SAM Metalloenzymes. , 2020, , 49-64.		4
12	Correlation between DFT calculated and X-ray structures from CSD, for Cu(II) and Cu(I) coordination spheres when coordinated to four acyclic amine ligands. A reconsideration of copper(II) planarity. <i>Journal of Coordination Chemistry</i> , 2014, 67, 3932-3939.	2.2	0
13	Crystal structures of 6-chloroindan-1-one and 6-bromoindan-1-one exhibit different intermolecular packing interactions. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2016, 72, 1536-1540.	0.5	0