

# Alessio Caruso

## List of Publications by Year in descending order

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414  
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#	ARTICLE	IF	CITATIONS
1	Trapping a cross-linked lysine-tryptophan radical in the catalytic cycle of the radical SAM enzyme SuiB. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	29
2	Radical SAM Enzyme QmpB Installs Two 9-Membered Ring Sactonine Macrocycles during Biogenesis of a Ribosomal Peptide Natural Product. Journal of Organic Chemistry, 2021, 86, 11284-11289.	3.2	15
3	The Chemistry and Structural Enzymology of RiPP-Modifying Radical SAM Metalloenzymes. , 2020, , 49-64.		4
4	Solution structure and biochemical characterization of a spare part protein that restores activity to an oxygen-damaged glycyl radical enzyme. Journal of Biological Inorganic Chemistry, 2019, 24, 817-829.	2.6	14
5	Macrocyclization via an Arginine-Tyrosine Crosslink Broadens the Reaction Scope of Radical <i>S</i> -Adenosylmethionine Enzymes. Journal of the American Chemical Society, 2019, 141, 16610-16614.	13.7	58
6	Radical Approach to Enzymatic $\hat{I}^2$ -Thioether Bond Formation. Journal of the American Chemical Society, 2019, 141, 990-997.	13.7	68
7	Mechanistic Investigations of Lysine-Tryptophan Cross-Link Formation Catalyzed by Streptococcal Radical <i>S</i> -Adenosylmethionine Enzymes. Biochemistry, 2018, 57, 461-468.	2.5	29
8	A structural and computational study of citrulline in biochemical reactions. Structural Chemistry, 2017, 28, 1581-1589.	2.0	4
9	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. PLoS ONE, 2017, 12, e0189341.	2.5	29
10	The in vitro antitumor activity of arene-ruthenium(II) curcuminoid complexes improves when decreasing curcumin polarity. Journal of Inorganic Biochemistry, 2016, 162, 44-51.	3.5	49
11	Regiospecifically Fluorinated Polycyclic Aromatic Hydrocarbons via Julia-Kocienski Olefination and Oxidative Photocyclization. Effect of Fluorine Atom Substitution on Molecular Shape. Journal of Organic Chemistry, 2016, 81, 3983-3993.	3.2	28
12	Crystal structures of 6-chloroindan-1-one and 6-bromoindan-1-one exhibit different intermolecular packing interactions. Acta Crystallographica Section E: Crystallographic Communications, 2016, 72, 1536-1540.	0.5	0
13	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. Journal of Coordination Chemistry, 2014, 67, 3932-3939.	2.2	0