

# Serena Gargiulo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12152191/publications.pdf>

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8  
papers

463  
citations

1163117

8  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

561  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic Biomimetic Coenzymes and Alcohol Dehydrogenases for Asymmetric Catalysis. <i>Catalysts</i> , 2019, 9, 207.	3.5	16
2	Complete Enzymatic Oxidation of Methanol to Carbon Dioxide: Towards More Eco-efficient Regeneration Systems for Reduced Nicotinamide Cofactors. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1687-1691.	4.3	26
3	Light-accelerated Biocatalytic Oxidation Reactions. <i>ChemPlusChem</i> , 2014, 79, 1554-1557.	2.8	19
4	Photobiocatalytic chemistry of oxidoreductases using water as the electron donor. <i>Nature Communications</i> , 2014, 5, 3145.	12.8	135
5	Structure of the NADH-dependent thermostable alcohol dehydrogenase TADH from <i>Thermus</i> sp. ATN1 provides a platform for engineering specificity and improved compatibility with inorganic cofactor-regeneration catalysts. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 105, 1-6.	1.8	10
6	Mimicking Nature: Synthetic Nicotinamide Cofactors for C-C Bioreduction Using Enoate Reductases. <i>Organic Letters</i> , 2013, 15, 180-183.	4.6	155
7	A biocatalytic redox isomerisation. <i>Chemical Communications</i> , 2012, 48, 6630.	4.1	49
8	A Photoenzymatic System for Alcohol Oxidation. <i>ChemCatChem</i> , 2011, 3, 338-342.	3.7	53