

Polyssena Renzi

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

654
citations

759055

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20
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docs citations

25
times ranked

1012
citing authors

#	ARTICLE	IF	CITATIONS
1	Caesium for Perovskite Solar Cells: An Overview. <i>Chemistry - A European Journal</i> , 2018, 24, 12183-12205.	1.7	138
2	Organocatalytic synthesis of axially chiral atropisomers. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4506-4516.	1.5	109
3	Biomimetic Organocatalytic Asymmetric Synthesis of 2-Substituted Piperidine-Type Alkaloids and Their Analogues. <i>Organic Letters</i> , 2011, 13, 4546-4549.	2.4	76
4	Green Chemistry Meets Asymmetric Organocatalysis: A Critical Overview on Catalysts Synthesis. <i>ChemSusChem</i> , 2021, 14, 2785-2853.	3.6	58
5	Non-asymmetric organocatalysis. <i>Chemical Communications</i> , 2012, 48, 6881.	2.2	57
6	Enamine/Dienamine and Brønsted Acid Catalysis: Elusive Intermediates, Reaction Mechanisms, and Stereoinduction Modes Based on in Situ NMR Spectroscopy and Computational Studies. <i>Accounts of Chemical Research</i> , 2017, 50, 2936-2948.	7.6	41
7	Decrypting Transition States by Light: Photoisomerization as a Mechanistic Tool in Brønsted Acid Catalysis. <i>Journal of the American Chemical Society</i> , 2017, 139, 6752-6760.	6.6	31
8	Multicomponent asymmetric reactions mediated by proline lithium salt. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 980.	1.5	26
9	Enantioselective Aza-Michael Addition of Imides by Using an Integrated Strategy Involving the Synthesis of a Family of Multifunctional Catalysts, Usage of Multiple Catalysis, and Rational Design of Experiment. <i>Chemistry - A European Journal</i> , 2013, 19, 9973-9978.	1.7	21
10	Kinetic Resolution of Oxazinones: Rational Exploration of Chemical Space through the Design of Experiments. <i>Chemistry - A European Journal</i> , 2014, 20, 11768-11775.	1.7	21
11	Visible Light Mediated Photocatalytic α -Radical Cascade Reactivity of β,γ -Unsaturated α -Arylsulfonylhydrazones: A General Approach to Structurally Diverse Tetrahydropyridazines. <i>Journal of Organic Chemistry</i> , 2021, 86, 3300-3323.	1.7	17
12	Visible Light as the Key for the Formation of Carbon-Sulfur Bonds in Sulfones, Thioethers, and Sulfonamides: An Update. <i>Synthesis</i> , 2021, 53, 3440-3468.	1.2	16
13	Design of Experiments: A Rational Approach Toward Non-Covalent Asymmetric Organocatalysis. <i>Synlett</i> , 2017, 28, 306-315.	1.0	10
14	Unprecedented Mechanism of an Organocatalytic Route to Conjugated Enynes with a Junction to Cyclic Nitronates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 328-337.	1.2	7
15	Unconventional approaches for the introduction of sulfur-based functional groups. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6926-6957.	1.5	6
16	Blue light enhanced Heck arylation at room temperature applied to allenes. <i>Organic Chemistry Frontiers</i> , 2022, 9, 906-916.	2.3	6
17	Recent Progresses in the Preparation of Chlorinated Molecules: Electrocatalysis and Photoredox Catalysis in the Spotlight. <i>Reactions</i> , 2022, 3, 233-253.	0.9	5
18	A Remarkably Large Phase-Transition Effect in a Random Copolymer of Oligo(ethylene glycol) Methyl Ether Methacrylate (OEGMA) ₅₀₀ Induced by the Photochemistry of the α -(Hydroxyimino)aldehyde Group. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900200.	1.1	4

#	ARTICLE	IF	CITATIONS
19	Titanium-Based Tetrakis-2,3-[5,6-di(Substituted)pyrazino]porphyrazine: Synthesis and Characterization. European Journal of Inorganic Chemistry, 2020, 2020, 2417-2423.	1.0	2
20	Biotinylation of a MRI/Gd BNCT theranostic agent to access a novel tumour-targeted delivery system. Organic and Biomolecular Chemistry, 0, , .	1.5	2
21	Frontispiece: Caesium for Perovskite Solar Cells: An Overview. Chemistry - A European Journal, 2018, 24, .	1.7	1