

Rosemary A Croft

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

558
citations

1040056

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h-index

1372567

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g-index

10
all docs

10
docs citations

10
times ranked

737
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxetanes: Recent Advances in Synthesis, Reactivity, and Medicinal Chemistry. <i>Chemical Reviews</i> , 2016, 116, 12150-12233.	47.7	331
2	Synthesis of diversely functionalised 2,2-disubstituted oxetanes: fragment motifs in new chemical space. <i>Chemical Communications</i> , 2015, 51, 15446-15449.	4.1	55
3	Structurally Divergent Lithium Catalyzed Friedel-Crafts Reactions on Oxetanols: Synthesis of 3,3-Diaryloxetanes and 2,3-Dihydrobenzofurans. <i>Chemistry - A European Journal</i> , 2016, 22, 16271-16276.	3.3	48
4	Lithium-Catalyzed Thiol Alkylation with Tertiary and Secondary Alcohols: Synthesis of 3-Sulfonyloxetanes as Bioisosteres. <i>Chemistry - A European Journal</i> , 2018, 24, 818-821.	3.3	30
5	Amino-oxetanes as amide isosteres by an alternative defluorosulfonylative coupling of sulfonyl fluorides. <i>Nature Chemistry</i> , 2022, 14, 160-169.	13.6	30
6	Synthesis of Substituted 1,4-Dioxenes through O-H Insertion and Cyclization Using Keto-Diazo Compounds. <i>Journal of Organic Chemistry</i> , 2016, 81, 11477-11488.	3.2	17
7	Oxetane ethers are formed reversibly in the lithium-catalyzed Friedel-Crafts alkylation of phenols with oxetanols: Synthesis of dihydrobenzofurans, diaryloxetanes, and oxetane ethers. <i>Tetrahedron</i> , 2018, 74, 5427-5435.	1.9	13
8	Catalytic Friedel-Crafts Reactions on Saturated Heterocycles and Small Rings for sp^3-sp^2 Coupling of Medicinally Relevant Fragments. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5385-5395.	2.4	13
9	Investigating 3,3-diaryloxetanes as potential bioisosteres through matched molecular pair analysis. <i>RSC Medicinal Chemistry</i> , 2021, 12, 2045-2052.	3.9	11
10	2-Sulfinyl Oxetanes: Synthesis, Stability and Reactivity. <i>Synlett</i> , 2015, 27, 106-110.	1.8	10