

Ricardo F Affeldt

List of Publications by Citations

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18
papers

264
citations

11
h-index

16
g-index

22
ext. papers

318
ext. citations

4.3
avg, IF

3.05
L-index

#	Paper	IF	Citations
18	Imidazole-Functionalized Pillar[5]arenes: Highly Reactive and Selective Supramolecular Artificial Enzymes. <i>ACS Catalysis</i> , 2018 , 8, 3343-3347	13.1	37
17	A new InBiO ₂ composite catalyst in the solvent-free multicomponent synthesis of Ca ²⁺ channel blockers nifedipine and nemadipine B. <i>New Journal of Chemistry</i> , 2012 , 36, 1502	3.6	34
16	Seleno- and telluro-xylofuranosides attenuate Mn-induced toxicity in <i>C. elegans</i> via the DAF-16/FOXO pathway. <i>Food and Chemical Toxicology</i> , 2014 , 64, 192-9	4.7	24
15	Photoinduced, Direct C(sp ²)-H Bond Azo Coupling of Imidazoheteroarenes and Imidazoanilines with Aryl Diazonium Salts Catalyzed by Eosin Y. <i>Chemistry - A European Journal</i> , 2020 , 26, 4461-4466	4.8	24
14	Synthesis and fluorescence properties of benzoxazole-1,4-dihydropyridine dyads achieved by a multicomponent reaction. <i>New Journal of Chemistry</i> , 2014 , 38, 4607-4614	3.6	23
13	Photophysical properties of a series of 4-aryl substituted 1,4-dihydropyridines. <i>Journal of Physical Organic Chemistry</i> , 2012 , 25, 769-777	2.1	19
12	Small heterocycles as highly luminescent building blocks in the solid state for organic synthesis. <i>New Journal of Chemistry</i> , 2016 , 40, 2785-2791	3.6	17
11	Synthesis of selenium-linked neoglycoconjugates and pseudodisaccharides. <i>Tetrahedron</i> , 2012 , 68, 10470-10475	4.1	17
10	Selenofuranoside improves long-term memory deficits in rats after exposure to monosodium glutamate: Involvement of Na, K-ATPase activity. <i>Physiology and Behavior</i> , 2018 , 184, 27-33	3.5	13
9	Synthesis of Glycosyl Amides Using Selenocarboxylates as Traceless Reagents for Amide Bond Formation. <i>Journal of Organic Chemistry</i> , 2016 , 81, 5464-73	4.2	12
8	Selenofuranoside Ameliorates Memory Loss in Alzheimer-Like Sporadic Dementia: AChE Activity, Oxidative Stress, and Inflammation Involvement. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 976908	6.7	12
7	Stereoselective glycoconjugation of steroids with selenocarbohydrates. <i>RSC Advances</i> , 2016 , 6, 93905-93914	3.7	8
6	Inhibitory and Cooperative Effects Regulated by pH in Host-Guest Complexation between Cationic Pillar[5]arene and Reactive 2-Carboxyphthalanilic Acid. <i>Journal of Organic Chemistry</i> , 2019 , 84, 9684-9692	4.2	8
5	Visible-Light Promoted Stereoselective Arylselanyl Functionalization of Alkynes. <i>European Journal of Organic Chemistry</i> , 2018 , 2018, 6738-6742	3.2	7
4	Coordination among Bond Formation/Cleavage in a Bifunctional-Catalyzed Fast Amide Hydrolysis: Evidence for an Optimized Intramolecular -Protonation Event. <i>Journal of Organic Chemistry</i> , 2020 , 85, 4663-4671	4.2	5
3	Molecular recognition of methamphetamine by carboxylatopillar[5]arene: drug-dependent complexation stoichiometry and insights into medical applications. <i>New Journal of Chemistry</i> , 2020 , 44, 2701-2704	3.6	2
2	Toward Heterogeneously Catalyzed Detoxification of Phosphotriesters: Insights from Kinetics and Theoretical Calculations. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 25530-25538	3.8	2

- 1 Supramolecular kinetic effects by pillararenes: the synergism between spatiotemporal and preorganization concepts in decarboxylation reactions. *New Journal of Chemistry*, **2021**, 45, 6486-6494 3.6