

Sivaji Gundala

List of Publications by Year in descending order

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13
papers

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840776

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#	ARTICLE	IF	CITATIONS
1	Highly Chemoselective Direct Crossed Aliphatic~Aromatic Acyloin Condensations with Triazolium-Derived Carbene Catalysts. <i>Journal of Organic Chemistry</i> , 2011, 76, 347-357.	3.2	106
2	NHC-catalysed, chemoselective crossed-acyloin reactions. <i>Chemical Science</i> , 2012, 3, 735-740.	7.4	94
3	Aerobic oxidation of NHC-catalysed aldehyde esterifications with alcohols: benzoin, not the Breslow intermediate, undergoes oxidation. <i>Chemical Communications</i> , 2013, 49, 6513.	4.1	77
4	Implausibility of the vibrational theory of olfaction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2766-74.	7.1	76
5	NHC-catalysed aerobic aldehyde-esterifications with alcohols: no additives or cocatalysts required. <i>Chemical Communications</i> , 2013, 49, 6510.	4.1	64
6	Molecular mechanism of activation of human musk receptors OR5AN1 and OR1A1 by (<i>R</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Sciences of the United States of America, 2018, 115, E3950-E3958.	7.1	57
7	The first catalytic asymmetric cycloadditions of imines with an enolisable anhydride. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 6955-6959.	2.8	34
8	Catalytic formal cycloadditions between anhydrides and ketones: excellent enantio and diastereocontrol, controllable decarboxylation and the formation of adjacent quaternary stereocentres. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3040-3046.	2.8	30
9	Trifluoroselenomethionine: A New Unnatural Amino Acid. <i>ChemBioChem</i> , 2016, 17, 1738-1751.	2.6	27
10	Fluorinated Analogs of Organosulfur Compounds from Garlic (<i>Allium sativum</i>): Synthesis, Chemistry and Anti-Angiogenesis and Antithrombotic Studies. <i>Molecules</i> , 2017, 22, 2081.	3.8	26
11	Semiochemical responsive olfactory sensory neurons are sexually dimorphic and plastic. <i>ELife</i> , 2020, 9, .	6.0	21
12	Organocatalytic Aerobic Oxidative Cleavage of Cyclic 1,2-Diketones. <i>Synlett</i> , 2013, 24, 1225-1228.	1.8	8
13	Chemoselective Crossed Acyloin Condensations: Catalyst and Substrate Control. <i>Synthesis</i> , 2011, 2011, 190-198.	2.3	7