Michail Tsakos

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9836880/publications.pdf

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18	678	623734 14	839539 18
papers	citations	h-index	g-index

27	27	27	974
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ester coupling reactions â€“ an enduring challenge in the chemical synthesis of bioactive natural products. Natural Product Reports, 2015, 32, 605-632.	10.3	155
2	Primary and secondary amine-(thio)ureas and squaramides andÂtheir applications in asymmetric organocatalysis. Tetrahedron, 2013, 69, 10199-10222.	1.9	143
3	Primary Amineâ€Thioureas with Improved Catalytic Properties for â€œDifficultâ€•Michael Reactions: Efficient Organocatalytic Syntheses of (S)â€Baclofen, (R)â€Baclofen and (S)â€Phenibut. Advanced Synthesis and Catalysis, 2012, 354, 740-746.	4.3	59
4	Organocatalytic asymmetric domino Michaelâ€“Henry reaction for the synthesis of substituted bicyclo[3.2.1]octan-2-ones. Chemical Communications, 2013, 49, 2219.	4.1	54
5	Total Synthesis and Biological Evaluation of Rakicidinâ€…A and Discovery of a Simplified Bioactive Analogue. Angewandte Chemie - International Edition, 2016, 55, 1030-1035.	13.8	52
6	APD-Containing Cyclolipodepsipeptides Target Mitochondrial Function in Hypoxic Cancer Cells. Cell Chemical Biology, 2018, 25, 1337-1349.e12.	5.2	27
7	Organocatalytic â€œDifficultâ€•Michael Reaction of Ketones with Nitrodienes Utilizing a Primary Amineâ€“Thiourea Based on Diâ€tertâ€butyl Aspartate. European Journal of Organic Chemistry, 2012, 2012, 576-580.	2.4	24
8	The amido-pentadienoate-functionality of the rakicidins is a thiol reactive electrophile â€“ development of a general synthetic strategy. Chemical Communications, 2015, 51, 12427-12430.	4.1	22
9	Steroidal Cardiac Na⁺/K⁺ ATPase Inhibitors Exhibit Strong Anti-Cancer Potential in vitro and in Prostate and Lung Cancer Xenografts in vivo. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 762-770.	1.7	22
10	Pharmacophore Mapping of Thienopyrimidine-Based Monophosphonate (ThP-MP) Inhibitors of the Human Farnesyl Pyrophosphate Synthase. Journal of Medicinal Chemistry, 2017, 60, 2119-2134.	6.4	21
11	The Rakicidin Family of Anticancer Natural Products â€“ Synthetic Strategies towards a New Class of Hypoxia-Selective Cytotoxins. Synlett, 2016, 27, 1898-1906.	1.8	20
12	Fullereneâ€“proline hybrids: Synthesis, characterization and organocatalytic properties in aldol reactions. Materials Letters, 2014, 137, 343-346.	2.6	17
13	Pyrrolidine-thioxotetrahydropyrimidinone as an efficient organocatalyst for the enantioselective Michael addition of cyclic ketones to nitrodienes. Tetrahedron, 2012, 68, 8630-8635.	1.9	15
14	Conjugating proline derivatives onto multi-walled carbon nanotubes: Preparation, characterization and catalytic activity in water. Materials Letters, 2015, 157, 212-214.	2.6	15
15	Total Synthesis and Biological Evaluation of Rakicidinâ€…A and Discovery of a Simplified Bioactive Analogue. Angewandte Chemie, 2016, 128, 1042-1047.	2.0	12
16	A problem solving approach for the diastereoselective synthesis of (5â€²S)- and (5â€²R)-5â€²,8-cyclopurine lesions. Organic Chemistry Frontiers, 2014, 1, 698.	4.5	11
17	Npys-Mediated Elimination Reactions of Alcohols and Thiols: A Facile Route to Dehydroalanine and Dehydrobutyrine Building Blocks. Synlett, 2015, 26, 2697-2701.	1.8	8
18	A Reliable Enantioselective Route to Mono-Protected N1-Cbz Piperazic Acid Building Block. Molecules, 2020, 25, 5939.	3.8	0