

Alexander S Burns

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1909311/publications.pdf>

Version: 2024-02-01

9
papers

246
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

320
citing authors

#	ARTICLE	IF	CITATIONS
1	A mutation uncouples the tubulin conformational and GTPase cycles, revealing allosteric control of microtubule dynamics. <i>ELife</i> , 2015, 4, e10113.	6.0	80
2	Total Synthesis and Structure Revision of (âˆ™)-Illisimonin A, a Neuroprotective Sesquiterpenoid from the Fruits of <i>Illicium simonsii</i> . <i>Journal of the American Chemical Society</i> , 2019, 141, 13295-13300.	13.7	54
3	GDP-to-GTP exchange on the microtubule end can contribute to the frequency of catastrophe. <i>Molecular Biology of the Cell</i> , 2016, 27, 3515-3525.	2.1	47
4	Heteroatom-Directed Acylation of Secondary Alcohols To Assign Absolute Configuration. <i>Journal of Organic Chemistry</i> , 2018, 83, 2504-2515.	3.2	19
5	Determination of the Absolute Configuration of Î²-Chiral Primary Alcohols Using the Competing Enantioselective Conversion Method. <i>Organic Letters</i> , 2017, 19, 2953-2956.	4.6	18
6	Catalytic Enantioselective Allylations of Acetylenic Aldehydes via 2-Propanol-Mediated Reductive Coupling. <i>Organic Letters</i> , 2018, 20, 4144-4147.	4.6	15
7	Silacycle-Templated Intramolecular Dielsâ€Alder Cyclizations for the Diastereoselective Construction of Complex Carbon Skeletons. <i>Organic Letters</i> , 2021, 23, 2183-2188.	4.6	6
8	Relative and Absolute Structure Assignments of Alkenes Using Crystalline Osmate Derivatives for X-ray Analysis. <i>Organic Letters</i> , 2019, 21, 10125-10129.	4.6	5
9	Thermal Stability and Utility of Dienes as Protecting Groups for Acrylamides. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 833-840.	2.8	0