

Russell D Lewis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5160771/publications.pdf>

Version: 2024-02-01

10
papers

1,256
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

1633
citing authors

#	ARTICLE	IF	CITATIONS
1	Directed evolution of cytochrome c for carbon-silicon bond formation: Bringing silicon to life. <i>Science</i> , 2016, 354, 1048-1051.	12.6	465
2	Machine learning-assisted directed protein evolution with combinatorial libraries. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8852-8858.	7.1	375
3	Diverse Engineered Heme Proteins Enable Stereodivergent Cyclopropanation of Unactivated Alkenes. <i>ACS Central Science</i> , 2018, 4, 372-377.	11.3	113
4	Catalytic iron-carbene intermediate revealed in a cytochrome <i>c</i> carbene transferase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 7308-7313.	7.1	95
5	Highly Stereoselective Biocatalytic Synthesis of Key Cyclopropane Intermediate to Ticagrelor. <i>ACS Catalysis</i> , 2016, 6, 7810-7813.	11.2	66
6	Identification of Mechanism-Based Inactivation in P450-Catalyzed Cyclopropanation Facilitates Engineering of Improved Enzymes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12527-12533.	13.7	58
7	A feasibility study of home-based contingency management with adolescent smokers of rural Appalachia. <i>Experimental and Clinical Psychopharmacology</i> , 2015, 23, 486-493.	1.8	37
8	Origin and Control of Chemoselectivity in Cytochrome <i>c</i> Catalyzed Carbene Transfer into Si-H and N-H bonds. <i>Journal of the American Chemical Society</i> , 2021, 143, 7114-7123.	13.7	27
9	A Regulated, Ubiquitin-Independent Degron in $\hat{I}^{\text{B}}\hat{I}^{\text{L}}$. <i>Journal of Molecular Biology</i> , 2015, 427, 2748-2756.	4.2	15
10	Delay discounting and self-reported impulsivity in adolescent smokers and nonsmokers living in rural Appalachia. <i>American Journal on Addictions</i> , 2015, 24, 492-494.	1.4	5