

Wolfgang H Schmied

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1256815/publications.pdf>

Version: 2024-02-01

17
papers

1,417
citations

567281

15
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1944
citing authors

#	ARTICLE	IF	CITATIONS
1	Total synthesis of <i>Escherichia coli</i> with a recoded genome. <i>Nature</i> , 2019, 569, 514-518.	27.8	346
2	Efficient Multisite Unnatural Amino Acid Incorporation in Mammalian Cells via Optimized Pyrrolysyl tRNA Synthetase/tRNA Expression and Engineered eRF1. <i>Journal of the American Chemical Society</i> , 2014, 136, 15577-15583.	13.7	216
3	Sugar-fermenting yeast as an organic source of carbon dioxide to attract the malaria mosquito <i>Anopheles gambiae</i> . <i>Malaria Journal</i> , 2010, 9, 292.	2.3	133
4	Topology and Organization of the <i>Salmonella typhimurium</i> Type III Secretion Needle Complex Components. <i>PLoS Pathogens</i> , 2010, 6, e1000824.	4.7	119
5	Biosynthesis and genetic encoding of phosphothreonine through parallel selection and deep sequencing. <i>Nature Methods</i> , 2017, 14, 729-736.	19.0	109
6	Reprogramming the Genetic Code: From Triplet to Quadruplet Codes. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2288-2297.	13.8	83
7	Controlling orthogonal ribosome subunit interactions enables evolution of new function. <i>Nature</i> , 2018, 564, 444-448.	27.8	79
8	Ribosome Subunit Stapling for Orthogonal Translation in <i>E. coli</i> . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12791-12794.	13.8	61
9	Evaluation of two counterflow traps for testing behaviour-mediating compounds for the malaria vector <i>Anopheles gambiae</i> s.s. under semi-field conditions in Tanzania. <i>Malaria Journal</i> , 2008, 7, 230.	2.3	55
10	The Burden of Invasive Bacterial Infections in Pemba, Zanzibar. <i>PLoS ONE</i> , 2012, 7, e30350.	2.5	47
11	Evaluation of a Rapid Dipstick (Crystal VC) for the Diagnosis of Cholera in Zanzibar and a Comparison with Previous Studies. <i>PLoS ONE</i> , 2012, 7, e36930.	2.5	45
12	The Structure of the <i>Salmonella typhimurium</i> Type III Secretion System Needle Shows Divergence from the Flagellar System. <i>Journal of Molecular Biology</i> , 2010, 396, 1392-1397.	4.2	37
13	Detecting RNA base methylations in single cells by in situ hybridization. <i>Nature Communications</i> , 2018, 9, 655.	12.8	28
14	Clinical and Epidemiological Features of Typhoid Fever in Pemba, Zanzibar: Assessment of the Performance of the WHO Case Definitions. <i>PLoS ONE</i> , 2012, 7, e51823.	2.5	25
15	Ribosome Subunit Stapling for Orthogonal Translation in <i>E. coli</i> . <i>Angewandte Chemie</i> , 2015, 127, 12982-12985.	2.0	20
16	Cost of illness due to typhoid Fever in pemba, zanzibar, East Africa. <i>Journal of Health, Population and Nutrition</i> , 2014, 32, 377-85.	2.0	13
17	Parallel positive selections, deep sequencing and analysis for reprogramming aminoacyl-tRNA synthetase specificity. <i>Protocol Exchange</i> , 0, , .	0.3	1