

Shao-An Wang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

314
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1163117

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1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

473
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural [4 + 2]-Cyclases. <i>Chemical Reviews</i> , 2017, 117, 5367-5388.	47.7	125
2	Investigation of the mechanism of the SpnF-catalyzed [4+2]-cycloaddition reaction in the biosynthesis of spinosyn A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10408-10413.	7.1	38
3	Identification of the Formycin A Biosynthetic Gene Cluster from <i>Streptomyces kaniharaensis</i> Illustrates the Interplay between Biological Pyrazolopyrimidine Formation and <i>de Novo</i> Purine Biosynthesis. <i>Journal of the American Chemical Society</i> , 2019, 141, 6127-6131.	13.7	38
4	Identification of the C-Glycoside Synthases during Biosynthesis of the Pyrazole-C-Nucleosides Formycin and Pyrazofurin. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16512-16516.	13.8	25
5	Identification and Characterization of Enzymes Catalyzing Pyrazolopyrimidine Formation in the Biosynthesis of Formycin A. <i>Organic Letters</i> , 2017, 19, 1426-1429.	4.6	20
6	Electrochemical Tuning of Morphological and Optoelectronic Characteristics of Donor-Acceptor Spiro-Fluorene Polymer Film. Application in the Building of an Electroluminescent Device. <i>Journal of Physical Chemistry C</i> , 2011, 115, 21907-21914.	3.1	17
7	Studies of lincosamide formation complete the biosynthetic pathway for lincomycin A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24794-24801.	7.1	11
8	Functionalizing organic dye with cross-linked electrolyte-blocking shell as a new strategy for improving DSSC efficiency. <i>RSC Advances</i> , 2012, 2, 3722.	3.6	9
9	Characterization of the coformycin biosynthetic gene cluster in <i>Streptomyces kaniharaensis</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10265-10270.	7.1	8
10	Identification of a Pyrrole Intermediate Which Undergoes C-Glycosidation and Autoxidation to Yield the Final Product in Showdomycin Biosynthesis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 17148-17154.	13.8	8
11	Identification of the C-Glycoside Synthases during Biosynthesis of the Pyrazole-C-Nucleosides Formycin and Pyrazofurin. <i>Angewandte Chemie</i> , 2019, 131, 16664-16668.	2.0	6
12	Characterization of the Oxazinomycin Biosynthetic Pathway Revealing the Key Role of a Nonheme Iron-Dependent Mono-oxygenase. <i>Journal of the American Chemical Society</i> , 2022, 144, 10968-10977.	13.7	6
13	Identification of a Pyrrole Intermediate Which Undergoes C-Glycosidation and Autoxidation to Yield the Final Product in Showdomycin Biosynthesis. <i>Angewandte Chemie</i> , 2021, 133, 17285-17291.	2.0	3