

Yanping Wang

List of Publications by Year in descending order

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17
papers

441
citations

759233

12
h-index

888059

17
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19
all docs

19
docs citations

19
times ranked

590
citing authors

#	ARTICLE	IF	CITATIONS
1	Streamlined Total Synthesis of Uncialamycin and Its Application to the Synthesis of Designed Analogues for Biological Investigations. <i>Journal of the American Chemical Society</i> , 2016, 138, 8235-8246.	13.7	69
2	Total Synthesis of Tetrahydrolipstatin and Stereoisomers via a Highly Regio- and Diastereoselective Carbonylation of Epoxyhomoallylic Alcohols. <i>Journal of the American Chemical Society</i> , 2014, 136, 10814-10820.	13.7	55
3	Cryptocaryols A and B: Total Syntheses, Stereochemical Revision, Structure Elucidation, and Structure-Activity Relationship. <i>Journal of the American Chemical Society</i> , 2013, 135, 9334-9337.	13.7	47
4	Hydrogen-Bond Networks: Strengths of Different Types of Hydrogen Bonds and An Alternative to the Low Barrier Hydrogen-Bond Proposal. <i>Journal of the American Chemical Society</i> , 2013, 135, 17919-17924.	13.7	46
5	12,13-Aziridinyl Epothilones. Stereoselective Synthesis of Trisubstituted Olefinic Bonds from Methyl Ketones and Heteroaromatic Phosphonates and Design, Synthesis, and Biological Evaluation of Potent Antitumor Agents. <i>Journal of the American Chemical Society</i> , 2017, 139, 7318-7334.	13.7	36
6	De novo synthesis of natural products via the asymmetric hydration of polyenes. <i>Chemical Communications</i> , 2011, 47, 8493.	4.1	33
7	<i>De Novo</i> Asymmetric Synthesis of Phoracantholide J. <i>Organic Letters</i> , 2016, 18, 4970-4973.	4.6	26
8	Characterization of Tetrahydrolipstatin and Stereoderivatives on the Inhibition of Essential <i>Mycobacterium tuberculosis</i> Lipid Esterases. <i>Biochemistry</i> , 2018, 57, 2383-2393.	2.5	25
9	Cryptocaryol Structure-Activity Relationship Study of Cancer Cell Cytotoxicity and Ability to Stabilize PDCD4. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 522-526.	2.8	23
10	Stereochemical Structure Activity Relationship Studies (S-SAR) of Tetrahydrolipstatin. <i>ACS Medicinal Chemistry Letters</i> , 2018, 9, 274-278.	2.8	20
11	The Asymmetric Synthesis of Tetrahydrolipstatin. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 994-1009.	2.7	17
12	Synthesis and Biological Evaluation of Novel Epothilone B Side Chain Analogues. <i>ChemMedChem</i> , 2015, 10, 1974-1979.	3.2	12
13	Flexible Acyclic Polyol-Chloride Anion Complexes and Their Characterization by Photoelectron Spectroscopy and Variable Temperature Binding Constant Determinations. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1661-1668.	2.5	12
14	Asymmetric Iterative Hydration of Polyene Strategy to Cryptocaryols A and B. <i>Synthesis</i> , 2016, 48, 1700-1710.	2.3	7
15	Experimental Evolution of Diverse Strains as a Method for the Determination of Biochemical Mechanisms of Action for Novel Pyrrolizidinone Antibiotics. <i>ACS Infectious Diseases</i> , 2017, 3, 854-865.	3.8	6
16	Scalable Preparation of Methylated Ando-Type Horner-Wadsworth-Emmons Reagent. <i>Organic Process Research and Development</i> , 2019, 23, 274-277.	2.7	6
17	Synthetic Efforts and Ultimate Limitation to an Asymmetric Achmatowicz Approach Toward EBC-23. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	1