

Xing-Cong Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3285140/publications.pdf>

Version: 2024-02-01

66
papers

2,823
citations

159585

30
h-index

175258

52
g-index

69
all docs

69
docs citations

69
times ranked

3738
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of Absolute Configuration of Natural Products: Theoretical Calculation of Electronic Circular Dichroism as a Tool. <i>Current Organic Chemistry</i> , 2010, 14, 1678-1697.	1.6	250
2	Structure and Biosynthesis of Heat-Stable Antifungal Factor (HSAF), a Broad-Spectrum Antimycotic with a Novel Mode of Action. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 64-72.	3.2	246
3	Antifungal Activity of C-27 Steroidal Saponins. <i>Antimicrobial Agents and Chemotherapy</i> , 2006, 50, 1710-1714.	3.2	181
4	Antioxidant Activity of the Dihydrochalcones Aspalathin and Nothofagin and Their Corresponding Flavones in Relation to Other Rooibos (<i>Aspalathus linearis</i>) Flavonoids, Epigallocatechin Gallate, and Trolox. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 6678-6684.	5.2	123
5	Theoretical Calculation of Electronic Circular Dichroism of the Rotationally Restricted 3,8- <i>trans</i> -Biflavonoid Morelloflavone. <i>Journal of Organic Chemistry</i> , 2007, 72, 9010-9017.	3.2	108
6	Antimicrobial compounds from <i>Ceanothus americanus</i> against oral pathogens. <i>Phytochemistry</i> , 1997, 46, 97-102.	2.9	98
7	Hypoxia-Inducible Factor-1 Activation by (α)-Epicatechin Gallate: A Potential Adverse Effects of Cancer Chemoprevention with High-Dose Green Tea Extracts. <i>Journal of Natural Products</i> , 2004, 67, 2063-2069.	3.0	90
8	Fatty Acid Synthase Inhibitors from Plants: Isolation, Structure Elucidation, and SAR Studies. <i>Journal of Natural Products</i> , 2002, 65, 1909-1914.	3.0	88
9	Antimicrobial and Antiparasitic (+)- <i>trans</i> -Hexahydrodibenzopyrans and Analogues from <i>Machaerium multiflorum</i> . <i>Journal of Natural Products</i> , 2003, 66, 804-809.	3.0	88
10	Automated High-Throughput System to Fractionate Plant Natural Products for Drug Discovery. <i>Journal of Natural Products</i> , 2010, 73, 751-754.	3.0	79
11	Oligomeric proanthocyanidins: naturally occurring O-heterocycles (January 1996 to December 1998). <i>Natural Product Reports</i> , 2000, 17, 193-212.	10.3	77
12	Synthesis, Antifungal Activity, and Structure-Activity Relationships of Coruscanone A Analogues. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 7877-7886.	6.4	65
13	Potent In Vitro Antifungal Activities of Naturally Occurring Acetylenic Acids. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 2442-2448.	3.2	64
14	Absolute configuration, conformation, and chiral properties of flavanone-(3 <i>α</i>)-flavone biflavonoids from <i>Rheedia acuminata</i> . <i>Tetrahedron</i> , 2002, 58, 8709-8717.	1.9	62
15	Cycloartane Glycosides from <i>Sutherlandia frutescens</i> . <i>Journal of Natural Products</i> , 2008, 71, 1749-1753.	3.0	58
16	Unequivocal determination of caulamidines A and B: application and validation of new tools in the structure elucidation tool box. <i>Chemical Science</i> , 2018, 9, 307-314.	7.4	55
17	Triterpenoid saponins from <i>Pulsatilla campanella</i> . <i>Phytochemistry</i> , 1990, 29, 595-599.	2.9	54
18	Antifungal Cyclopentenones from <i>Piper coruscans</i> . <i>Journal of the American Chemical Society</i> , 2004, 126, 6872-6873.	13.7	49

#	ARTICLE	IF	CITATIONS
19	Enantiomeric Discorhabdin Alkaloids and Establishment of Their Absolute Configurations Using Theoretical Calculations of Electronic Circular Dichroism Spectra. <i>Journal of Organic Chemistry</i> , 2008, 73, 9133-9136.	3.2	48
20	Theoretical Calculation of Electronic Circular Dichroism of a Hexahydroxydiphenoyl-Containing Flavanone Glycoside. <i>Journal of Natural Products</i> , 2009, 72, 327-335.	3.0	48
21	Chemical Composition and Acetylcholinesterase Inhibitory Activity of Essential Oils from <i>Piper</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3702-3710.	5.2	48
22	Bioactive Penicypyrrodiether A, an Adduct of GKK1032 Analogue and Phenol A Derivative, from a Marine-Sourced Fungus <i>Penicillium</i> sp. ZZ380. <i>Journal of Organic Chemistry</i> , 2018, 83, 13395-13401.	3.2	47
23	Pregnane glycosides from <i>Hoodia gordonii</i> . <i>Phytochemistry</i> , 2009, 70, 675-683.	2.9	41
24	4-Arylflavan-3-ols as Proanthocyanidin Models: Absolute Configuration via Density Functional Calculation of Electronic Circular Dichroism. <i>Journal of Natural Products</i> , 2010, 73, 435-440.	3.0	41
25	UPLC-MS-ELSD-PDA as a Powerful Dereplication Tool to Facilitate Compound Identification from Small-Molecule Natural Product Libraries. <i>Journal of Natural Products</i> , 2014, 77, 902-909.	3.0	41
26	Lignans and aromatic glycosides from <i>Piper wallichii</i> and their antithrombotic activities. <i>Journal of Ethnopharmacology</i> , 2015, 162, 87-96.	4.1	36
27	Two Auronols from <i>Pseudolarix amabilis</i> . <i>Journal of Natural Products</i> , 1999, 62, 767-769.	3.0	35
28	Capisterones A and B, which Enhance Fluconazole Activity in <i>Saccharomyces cerevisiae</i> , from the Marine Green Alga <i>Penicillus capitatus</i> . <i>Journal of Natural Products</i> , 2006, 69, 542-546.	3.0	33
29	Cycloabienesquine A, a unique sesquiterpenoid from <i>Abies delavayi</i> . <i>Chemical Communications</i> , 2009, , 3771.	4.1	32
30	Acetylenic Acids Inhibiting Azole-Resistant <i>Candida albicans</i> from <i>Pentagonia gigantifolia</i> . <i>Journal of Natural Products</i> , 2003, 66, 1132-1135.	3.0	31
31	Beyond Polymaxenolide: Cembrane-Africanane Terpenoids from the Hybrid Soft Coral <i>Sinularia maxima</i> — <i>S. polydactyla</i> . <i>Journal of Natural Products</i> , 2009, 72, 900-905.	3.0	30
32	Puupehanol, a sesquiterpene-dihydroquinone derivative from the marine sponge <i>Hyrtilia</i> sp.. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2009, 19, 6140-6143.	2.2	28
33	Chloramphenicol Derivatives with Antibacterial Activity Identified by Functional Metagenomics. <i>Journal of Natural Products</i> , 2018, 81, 1321-1332.	3.0	28
34	Biological evaluation of phytoconstituents from <i>Polygonum hydropiper</i> . <i>Natural Product Research</i> , 2017, 31, 2053-2057.	1.8	27
35	Eucalmaidials A and B, phloroglucinol-coupled sesquiterpenoids from the juvenile leaves of <i>Eucalyptus maideni</i> . <i>RSC Advances</i> , 2014, 4, 21373-21378.	3.6	23
36	Anti-Leishmanial and Cytotoxic Activities of a Series of Maleimides: Synthesis, Biological Evaluation and Structure-Activity Relationship. <i>Molecules</i> , 2018, 23, 2878.	3.8	22

#	ARTICLE	IF	CITATIONS
37	Antifungal Compounds from Piper Species. <i>Current Bioactive Compounds</i> , 2011, 7, 262-267.	0.5	21
38	A Potent Plant-Derived Antifungal Acetylenic Acid Mediates Its Activity by Interfering with Fatty Acid Homeostasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2012, 56, 2894-2907.	3.2	20
39	Synthesis and antifungal activities of miltefosine analogs. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 4828-4831.	2.2	20
40	Antifungal Amide Alkaloids from the Aerial Parts of <i>Piper flaviflorum</i> and <i>Piper sarmentosum</i> . <i>Planta Medica</i> , 2017, 83, 143-150.	1.3	19
41	A New Naphthopyrone Derivative from <i>Cassia quinquangulata</i> and Structural Revision of Quinquangulin and Its Glycosides. <i>Journal of Natural Products</i> , 2001, 64, 1153-1156.	3.0	18
42	Natural Product-Based 6-Hydroxy-2,3,4,6-tetrahydropyrrolo[1,2- <i>a</i>]pyrimidinium Scaffold as a New Antifungal Template. <i>ACS Medicinal Chemistry Letters</i> , 2011, 2, 391-395.	2.8	18
43	Intramolecular Transacetylation in Salvinorins D and E. <i>Journal of Natural Products</i> , 2010, 73, 707-708.	3.0	17
44	Synthesis and Antifungal Activity of Natural Product-Based 6-Alkyl-2,3,4,5-tetrahydropyridines. <i>Journal of Natural Products</i> , 2011, 74, 2023-2026.	3.0	17
45	Incarviate A, a structurally unique natural product hybrid with a new carbon skeleton from <i>Incarvillea delavayi</i> , and its absolute configuration via calculated electronic circular dichroic spectra. <i>RSC Advances</i> , 2012, 2, 4175.	3.6	17
46	Synthesis and Anti-Inflammatory Activities of Phloroglucinol-Based Derivatives. <i>Molecules</i> , 2018, 23, 3232.	3.8	17
47	Pyridine Alkaloids in the Venom of Imported Fire Ants. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 11388-11395.	5.2	17
48	Sorocenols G and H, Anti-MRSA Oxygen Heterocyclic Diels-Alder-Type Adducts from <i>Sorocea muriculata</i> Roots. <i>Journal of Natural Products</i> , 2008, 71, 1764-1767.	3.0	16
49	Phenolic Glycosides from <i>Potalia amara</i> . <i>Planta Medica</i> , 2005, 71, 977-979.	1.3	14
50	LC-MS- and ¹ H NMR Spectroscopy-Guided Identification of Antifungal Diterpenoids from <i>Sagittaria latifolia</i> . <i>Journal of Natural Products</i> , 2015, 78, 2255-2259.	3.0	13
51	Synthesis of Natural Acylphloroglucinol-Based Antifungal Compounds against <i>Cryptococcus</i> Species. <i>Journal of Natural Products</i> , 2016, 79, 2195-2201.	3.0	13
52	Puupehenone, a Marine-Sponge-Derived Sesquiterpene Quinone, Potentiates the Antifungal Drug Caspofungin by Disrupting Hsp90 Activity and the Cell Wall Integrity Pathway. <i>MSphere</i> , 2020, 5, .	2.9	13
53	Synthesis and Antimicrobial Evaluation of Fire Ant Venom Alkaloid Based 2-Methyl-6-alkyl- ¹ H- ^{1,6} -piperideines. <i>Journal of Natural Products</i> , 2017, 80, 2795-2798.	3.0	10
54	Cytotoxic Diterpenoids from <i>Euphorbia fischeriana</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2000919.	2.1	10

#	ARTICLE	IF	CITATIONS
55	Chemical and Biological Study of <i>Flueggea virosa</i> Native to Saudi Arabia. <i>Chemistry of Natural Compounds</i> , 2015, 51, 187-188.	0.8	9
56	Protocol for Identifying Natural Agents That Selectively Affect Adhesion, Thickness, Architecture, Cellular Phenotypes, Extracellular Matrix, and Human White Blood Cell Impenetrability of <i>Candida albicans</i> Biofilms. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	3.2	8
57	Identification of fusaricidins from the antifungal microbial strain <i>Paenibacillus</i> sp. MS2379 using ultra-high performance liquid chromatography coupled to quadrupole time-of-flight mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1586, 91-100.	3.7	8
58	Quantitative determination and pharmacokinetic study of fusaricidin A in mice plasma and tissues using ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 170, 187-192.	2.8	7
59	Verbesinosides A-F, 15,27-Cyclooleanane Saponins from the American Native Plant <i>Verbesina virginica</i> . <i>Journal of Natural Products</i> , 2009, 72, 1022-1027.	3.0	6
60	Identification of Antifungal Bisphosphocholines from Medicinal <i>Gentiana</i> Species. <i>Journal of Natural Products</i> , 2020, 83, 3207-3211.	3.0	5
61	Chemometrics-Assisted Identification of Anti-Inflammatory Compounds from the Green Alga <i>Klebsormidium flaccidum</i> var. <i>zivo</i> . <i>Molecules</i> , 2020, 25, 1048.	3.8	5
62	Chemical constituents from <i>Piper hainanense</i> and their cytotoxicities. <i>Journal of Asian Natural Products Research</i> , 2016, 18, 730-736.	1.4	4
63	Comparison of Chemical Compositions of the Pepper EOs From Different Cultivars and Their AChE Inhibitory Activity. <i>Natural Product Communications</i> , 2020, 15, 1934578X2097146.	0.5	3
64	Molecular Targets of Cannabinoids Associated with Depression. <i>Current Medicinal Chemistry</i> , 2022, 29, 1827-1850.	2.4	2
65	Asymmetric synthesis of N-protected 3-methylpiperidin-2-one and its diastereoisomer. <i>Journal of Zhejiang University: Science A</i> , 2016, 17, 163-170.	2.4	1
66	Synthesis and Antifungal Activity Evaluation of Phloeodictine Analogues. <i>Journal of Natural Products</i> , 2021, 84, 2129-2137.	3.0	1