

Sylvia Urban

List of Publications by Year in descending order

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84
papers

3,175
citations

257450

24
h-index

161849

54
g-index

88
all docs

88
docs citations

88
times ranked

4490
citing authors

#	ARTICLE	IF	CITATIONS
1	A Historical Overview of Natural Products in Drug Discovery. <i>Metabolites</i> , 2012, 2, 303-336.	2.9	1,254
2	Axinellamines A-D, Novel Imidazo-Azolo-Imidazole Alkaloids from the Australian Marine Sponge <i>Axinellasp.</i> . <i>Journal of Organic Chemistry</i> , 1999, 64, 731-735.	3.2	136
3	Bioactive Marine Alkaloids. <i>Current Organic Chemistry</i> , 2000, 4, 765-807.	1.6	122
4	Lamellarins O and P: New Aromatic Metabolites From the Australian Marine Sponge <i>Dendrilla cactos</i> . <i>Australian Journal of Chemistry</i> , 1994, 47, 1919.	0.9	98
5	Determination of the Absolute Configuration of the Pseudo-Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2678-2682.	13.8	90
6	Lamellarin-S: a New Aromatic Metabolite From an Australian Tunicate, <i>Didemnum sp.</i> . <i>Australian Journal of Chemistry</i> , 1996, 49, 711.	0.9	86
7	Lamellarins Q and R: New Aromatic Metabolites From an Australian Marine Sponge, <i>Dendrilla cactos</i> . <i>Australian Journal of Chemistry</i> , 1995, 48, 1491.	0.9	81
8	Meroditerpenoids from the southern Australian marine brown alga <i>Sargassum fallax</i> . <i>Phytochemistry</i> , 2009, 70, 250-255.	2.9	73
9	<i>Hericium erinaceus</i> (Bull.: Fr) Pers. cultivated under tropical conditions: isolation of hericenones and demonstration of NGF-mediated neurite outgrowth in PC12 cells via MEK/ERK and PI3K-Akt signaling pathways. <i>Food and Function</i> , 2014, 5, 3160-3169.	4.6	63
10	Method for Small-Molecule Discovery Based on Microscale-Preparative Multidimensional Gas Chromatography Isolation with Nuclear Magnetic Resonance Spectroscopy. <i>Analytical Chemistry</i> , 2008, 80, 6293-6299.	6.5	57
11	Cycloelatanene A and B: absolute configuration determination and structural revision by the crystalline sponge method. <i>Chemical Science</i> , 2017, 8, 1547-1550.	7.4	48
12	Phytochemical studies of the southern Australian marine alga, <i>Laurencia elata</i> . <i>Phytochemistry</i> , 2011, 72, 2081-2089.	2.9	47
13	Absolute Stereochemistry of Puupehenone and Related Metabolites. <i>Journal of Natural Products</i> , 1996, 59, 900-901.	3.0	45
14	5-epi-Isospongiaquinone, a New Sesquiterpene/Quinone Antibiotic from an Australian Marine Sponge, <i>Spongia hispida</i> . <i>Journal of Natural Products</i> , 1992, 55, 1638-1642.	3.0	38
15	Multiple component isolation in preparative multidimensional gas chromatography with characterisation by mass spectrometry and nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2009, 1216, 5740-5747.	3.7	38
16	Coproverdine, a Novel, Cytotoxic Marine Alkaloid from a New Zealand Ascidian. <i>Journal of Natural Products</i> , 2002, 65, 1371-1373.	3.0	37
17	Application of microscale-preparative multidimensional gas chromatography with nuclear magnetic resonance spectroscopy for identification of pure methylnaphthalenes from crude oils. <i>Journal of Chromatography A</i> , 2008, 1215, 168-176.	3.7	35
18	Linear and Cyclic C ₁₈ Terpenoids from the Southern Australian Marine Brown Alga <i>Cystophora moniliformis</i> . <i>Journal of Natural Products</i> , 2008, 71, 1441-1446.	3.0	33

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19	Spongiaquinone Revisited: Structural and Stereochemical Studies on Marine Sesquiterpene/Quinones From a Southern Australian Marine Sponge, <i>Spongia</i> sp.. Australian Journal of Chemistry, 1993, 46, 1245.	0.9	30
20	Phytochemical Investigation of the Constituents Derived from the Australian Plant <i>Macropidia fuliginosa</i> . Journal of Natural Products, 2015, 78, 1600-1608.	3.0	30
21	RECENT ADVANCEMENTS IN HPLC-NMR AND APPLICATIONS FOR NATURAL PRODUCT PROFILING AND IDENTIFICATION. Journal of Liquid Chromatography and Related Technologies, 2011, 34, 1063-1076.	1.0	27
22	Determination of the Absolute Configuration of the Pseudoasymmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie, 2016, 128, 2728-2732.	2.0	27
23	Deoxyspongiaquinones: New Sesquiterpene Quinones and Hydroquinones From a Southern Australian Marine Sponge <i>Euryspongia</i> sp.. Australian Journal of Chemistry, 1996, 49, 611.	0.9	26
24	Application of HPLC-NMR in the Identification of Plocamenone and Isoplocamenone from the Marine Red Alga <i>Plocamium angustum</i> . Marine Drugs, 2012, 10, 2089-2102.	4.6	25
25	Chemical Profiling (HPLC-NMR & HPLC-MS), Isolation, and Identification of Bioactive Meroditerpenoids from the Southern Australian Marine Brown Alga <i>Sargassum paradoxum</i> . Marine Drugs, 2015, 13, 102-127.	4.6	25
26	Natural Products of Marine Macroalgae from South Eastern Australia, with Emphasis on the Port Phillip Bay and Heads Regions of Victoria. Marine Drugs, 2020, 18, 142.	4.6	25
27	Developments in Hyphenated Spectroscopic Methods in Natural Product Profiling. Frontiers in Medicinal Chemistry, 2005, 1, 113-166.	0.2	24
28	Marine Sesquiterpene Quinones and Hydroquinones: Acid-Catalyzed Rearrangements and Stereochemical Investigations. Australian Journal of Chemistry, 1994, 47, 1023.	0.9	23
29	Phenylphenalenones from the Australian Plant <i>Haemodorum simplex</i> . Journal of Natural Products, 2009, 72, 1075-1080.	3.0	22
30	Laurencia filiformis: phytochemical profiling by conventional and HPLC-NMR approaches. Natural Product Communications, 2009, 4, 157-72.	0.5	22
31	Phytochemical analysis of the Southern Australian marine alga, <i>Plocamium mertensii</i> using HPLC-NMR. Phytochemical Analysis, 2008, 19, 453-470.	2.4	21
32	Comparison of cytotoxicity between extracts of <i>Clinacanthus nutans</i> (Burm. f.) Lindau leaves from different locations and the induction of apoptosis by the crude methanol leaf extract in D24 human melanoma cells. BMC Complementary and Alternative Medicine, 2016, 16, 368.	3.7	20
33	Corymbones A and B, Phloroglucinols with Thyrotropin Releasing Hormone Receptor 2 Binding Affinity from the Flowers of <i>Corymbia peltata</i> . Journal of Natural Products, 2008, 71, 881-883.	3.0	19
34	Laurencia Filiformis: Phytochemical Profiling by Conventional and HPLC-NMR Approaches. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	19
35	Application of HPLC-NMR for the Rapid Chemical Profiling of a Southern Australian Sponge, <i>Dactylospongia</i> sp.. Journal of Separation Science, 2009, 32, 542-548.	2.5	19
36	Morphological and genetic diversity of <i>Momordica cochinchinensis</i> (Cucurbitaceae) in Vietnam and Thailand. Genetic Resources and Crop Evolution, 2016, 63, 19-33.	1.6	19

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37	Distribution, biosynthesis, and biological activity of phenylphenalenone-type compounds derived from the family of plants, Haemodoraceae. <i>Natural Product Reports</i> , 2019, 36, 753-768.	10.3	19
38	Cometins (A-C), New Furanosesterterpenes From an Australian Marine Sponge, <i>Spongia</i> sp.. <i>Australian Journal of Chemistry</i> , 1992, 45, 1255.	0.9	18
39	A New Alkaloid From an Australian Marine Sponge, <i>Spongisorites</i> sp.. <i>Australian Journal of Chemistry</i> , 1994, 47, 2279.	0.9	18
40	HPLC-NMR and HPLC-MS Profiling and Bioassay-Guided Identification of Secondary Metabolites from the Australian Plant <i>Haemodorum spicatum</i> . <i>Journal of Natural Products</i> , 2015, 78, 1486-1494.	3.0	17
41	Application of the Crystalline Sponge Method to Revise the Structure of the Phenalenone Fuliginone. <i>Molecules</i> , 2017, 22, 211.	3.8	17
42	Natural Compounds from the Marine Brown Alga <i>Caulocystis cephalornithos</i> with Potent In Vitro-Activity against the Parasitic Nematode <i>Haemonchus contortus</i> . <i>Pathogens</i> , 2020, 9, 550.	2.8	17
43	Naphthalene Aglycones and Glycosides from the Australian Medicinal Plant, <i>Dianella callicarpa</i> . <i>Planta Medica</i> , 2009, 75, 1442-1447.	1.3	16
44	Contextualizing Learning Chemistry in First-Year Undergraduate Programs: Engaging Industry-Based Videos with Real-Time Quizzing. <i>Journal of Chemical Education</i> , 2017, 94, 873-878.	2.3	15
45	Comparative analysis of carotenoid content in <i>Momordica cochinchinensis</i> (Cucurbitaceae) collected from Australia, Thailand and Vietnam. <i>Journal of Food Science and Technology</i> , 2017, 54, 2814-2824.	2.8	15
46	Exploring resveratrol dimers as virulence blocking agents – Attenuation of type III secretion in <i>Yersinia pseudotuberculosis</i> and <i>Pseudomonas aeruginosa</i> . <i>Scientific Reports</i> , 2020, 10, 2103.	3.3	15
47	Pinastric acid revisited: a complete NMR and X-ray structure assignment. <i>Natural Product Research</i> , 2007, 21, 366-376.	1.8	13
48	Dereplication and Chemotaxonomical Studies of Marine Algae of the Ochrophyta and Rhodophyta Phyla. <i>Marine Drugs</i> , 2015, 13, 2714-2731.	4.6	13
49	A new lipid from an australian marine sponge, <i>Callyspongia</i> sp. <i>Lipids</i> , 1997, 32, 675-677.	1.7	12
50	Î²-Carboline Alkaloids from a New Zealand Marine Bryozoan, <i>Cribricellina Cribraria</i> . <i>Natural Product Research</i> , 2003, 17, 15-19.	1.8	12
51	Phenylphenalenones and oxabenzochrysenones from the Australian plant <i>Haemodorum simulans</i> . <i>Phytochemistry</i> , 2013, 95, 351-359.	2.9	12
52	Pen-Enabled, Real-Time Student Engagement for Teaching in STEM Subjects. <i>Journal of Chemical Education</i> , 2017, 94, 1051-1059.	2.3	11
53	Phytochemical Investigation of the Australian Lichens <i>Ramalina glaucescens</i> and <i>Xanthoria parietina</i> . <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.5	10
54	Chemical constituents of the lichen, <i>Candelaria concolor</i> : A complete NMR and chemical degradative investigation. <i>Natural Product Research</i> , 2009, 23, 925-939.	1.8	10

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55	HPLC and NMR Studies of Phenoxazone Alkaloids from <i>Pycnoporus Cinnabarinus</i> . Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	9
56	Bromophenolics from the Red Alga <i>Polysiphonia decipiens</i> . Marine Drugs, 2019, 17, 497.	4.6	9
57	A New Furanoditerpene From a Southern Australian Marine Sponge, <i>Thorectandra choanoides</i> . Australian Journal of Chemistry, 1995, 48, 1903.	0.9	9
58	On-line (HPLC-NMR) and Off-line Phytochemical Profiling of the Australian Plant, <i>Lasiopetalum macrophyllum</i> . Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	8
59	Phytochemical Profiling and Biological Activity of the Australian Carnivorous Plant, <i>Drosera magna</i> . Journal of Natural Products, 2021, 84, 964-971.	3.0	8
60	A New Sesquiterpene Alcohol from an Antarctic sponge. Natural Product Research, 1995, 6, 187-192.	0.4	6
61	Limit of detection studies for application to natural product identification using high performance liquid chromatography coupled to nuclear magnetic resonance spectroscopy. Journal of Chromatography A, 2015, 1375, 69-75.	3.7	6
62	Application of Networking Approaches to Assess the Chemical Diversity, Biogeography, and Pharmaceutical Potential of <i>Verongiida</i> Natural Products. Marine Drugs, 2021, 19, 582.	4.6	6
63	On-line (HPLC-NMR) and off-line phytochemical profiling of the Australian plant, <i>Lasiopetalum macrophyllum</i> . Natural Product Communications, 2011, 6, 1605-16.	0.5	6
64	HPLC-NMR and HPLC-MS investigation of antimicrobial constituents in <i>Cystophora monilifera</i> and <i>Cystophora subfarinata</i> . Phytochemistry, 2015, 117, 200-208.	2.9	5
65	Absolute Configuration Determination of Retroflexanone Using the Advanced Mosher Method and Application of HPLC-NMR. Marine Drugs, 2018, 16, 205.	4.6	5
66	NMR Spectroscopy: Structure Elucidation of Cycloelatanene A: A Natural Product Case Study. Methods in Molecular Biology, 2013, 1055, 99-116.	0.9	5
67	A Bioactive Diterpene from <i>Smallanthus sonchifolius</i> . Natural Product Communications, 2008, 3, 1934578X0800301.	0.5	4
68	HPLC-NMR Chemical Profiling of the Australian Carnivorous Plant, <i>Drosera erythrohiza</i> subspecies <i>magna</i> . Natural Products Journal, 2013, 3, 35-41.	0.3	4
69	On-line (HPLC-NMR) and Off-line Phytochemical Profiling of the Australian Plant, <i>Lasiopetalum macrophyllum</i> . Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3
70	Evaluation of cytotoxic and apoptotic activities of <i>Clinacanthus nutans</i> (Burm. f.) Lindau leaves against D24 human melanoma cells. Journal of Herbal Medicine, 2019, 17-18, 100285.	2.0	3
71	HPLC-NMR Chemical Profiling and Dereplication Studies of the Marine Brown Alga, <i>Cystophora torulosa</i> . Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	2
72	Antimicrobial Evaluation of the Constituents Isolated From <i>Macropidia fuliginosa</i> (Hook.) Druce. Natural Product Communications, 2019, 14, 1934578X1988441.	0.5	2

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73	The Iodochlorination of Styrene: An Experiment That Makes a Difference. <i>Journal of Chemical Education</i> , 2008, 85, 962.	2.3	1
74	Relative Configuration of the Marine Natural Product Elatenyne using NMR Spectroscopic and Chemical Derivatization Methodologies. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	1
75	Chemical Constituents of <i>Hoya buotii</i> Kloppenb. <i>Journal of Applied Pharmaceutical Science</i> , 0, , 069-072.	1.0	1
76	Phytochemical Profiling and Biological Testing of the Constituents of the Australian Plant <i>Haemodorum brevisepalum</i> . <i>Journal of Natural Products</i> , 2021, 84, 2832-2844.	3.0	1
77	Microfluidic valve geometries and possibilities for flow switching in gas chromatography. , 2008, , .		0
78	Response to Banned Solvents. <i>Journal of Chemical Education</i> , 2009, 86, 689.	2.3	0
79	Rapid Dereplication and Identification of the Bioactive Constituents from the Fungus, <i>Leucocoprinus birnbaumii</i> . <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	0
80	Frontispiece: Determination of the Absolute Configuration of the Pseudoasymmetric Natural Product Elatenyne by the Crystalline Sponge Method. <i>Angewandte Chemie - International Edition</i> , 2016, 55, .	13.8	0
81	Frontispiz: Determination of the Absolute Configuration of the Pseudoasymmetric Natural Product Elatenyne by the Crystalline Sponge Method. <i>Angewandte Chemie</i> , 2016, 128, .	2.0	0
82	Chemical Composition of <i>Salacca wallichiana</i> . <i>Chemistry of Natural Compounds</i> , 2018, 54, 788-789.	0.8	0
83	Dereplication and Identification of Natural Products Using LC-NMR Based Strategies. , 2020, , 61-82.		0
84	Professor Frances Separovic AO. <i>Australian Journal of Chemistry</i> , 2020, 73, 73.	0.9	0