Sylvia Urban

List of Publications by Year
in descending order

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	Phytochemical Profiling and Biological Activity of the Australian Carnivorous Plant, Drosera magna. Journal of Natural Products, 2021, 84, 964-971.	3.0	8
2	Application of Networking Approaches to Assess the Chemical Diversity, Biogeography, and Pharmaceutical Potential of Verongiida Natural Products. Marine Drugs, 2021, 19, 582.	4.6	6
3	Phytochemical Profiling and Biological Testing of the Constituents of the Australian Plant Haemodorum brevisepalum. Journal of Natural Products, 2021, 84, 2832-2844.	3.0	1
4	Natural Compounds from the Marine Brown Alga Caulocystis cephalornithos with Potent In Vitro-Activity against the Parasitic Nematode Haemonchus contortus. Pathogens, 2020, 9, 550.	2.8	17
5	Exploring resveratrol dimers as virulence blocking agents â€“ Attenuation of type III secretion in Yersinia pseudotuberculosis and Pseudomonas aeruginosa. Scientific Reports, 2020, 10, 2103.	3.3	15
6	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
7	Dereplication and Identification of Natural Products Using LC-NMR Based Strategies. , 2020, , 61-82.		0
8	Professor Frances Separovic AO. Australian Journal of Chemistry, 2020, 73, 73.	0.9	0
9	Bromophenolics from the Red Alga Polysiphonia decipiens. Marine Drugs, 2019, 17, 497.	4.6	9
10	Antimicrobial Evaluation of the Constituents Isolated From Macropidia fuliginosa (Hook.) Druce. Natural Product Communications, 2019, 14, 1934578X1988441.	0.5	2
11	Distribution, biosynthesis, and biological activity of phenylphenalenone-type compounds derived from the family of plants, Haemodoraceae. Natural Product Reports, 2019, 36, 753-768.	10.3	19
12	Evaluation of cytotoxic and apoptotic activities of Clinacanthus nutans (Burm. f.) Lindau leaves against D24 human melanoma cells. Journal of Herbal Medicine, 2019, 17-18, 100285.	2.0	3
13	Chemical Composition of Salacca wallichiana. Chemistry of Natural Compounds, 2018, 54, 788-789.	0.8	0
14	Absolute Configuration Determination of Retroflexanone Using the Advanced Mosher Method and Application of HPLC-NMR. Marine Drugs, 2018, 16, 205.	4.6	5
15	Contextualizing Learning Chemistry in First-Year Undergraduate Programs: Engaging Industry-Based Videos with Real-Time Quizzing. Journal of Chemical Education, 2017, 94, 873-878.	2.3	15
16	Comparative analysis of carotenoid content in Momordica cochinchinensis (Cucurbitaceae) collected from Australia, Thailand and Vietnam. Journal of Food Science and Technology, 2017, 54, 2814-2824.	2.8	15
17	Pen-Enabled, Real-Time Student Engagement for Teaching in STEM Subjects. Journal of Chemical Education, 2017, 94, 1051-1059.	2.3	11
18	Cycloelatanene A and B: absolute configuration determination and structural revision by the crystalline sponge method. Chemical Science, 2017, 8, 1547-1550.	7.4	48

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19	Application of the Crystalline Sponge Method to Revise the Structure of the Phenalenone Fuliginone. Molecules, 2017, 22, 211.	3.8	17
20	Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie, 2016, 128, 2728-2732.	2.0	27
21	Comparison of cytotoxicity between extracts of Clinacanthus nutans (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
22	Frontispiece: Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie - International Edition, 2016, 55, .	13.8	0
23	Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie - International Edition, 2016, 55, 2678-2682.	13.8	90
24	Frontispiz: Determination of the Absolute Configuration of the Pseudoâ€Symmetric Natural Product Elatenyne by the Crystalline Sponge Method. Angewandte Chemie, 2016, 128, .	2.0	0
25	Morphological and genetic diversity of Momordica cochinchinenesis (Cucurbitaceae) in Vietnam and Thailand. Genetic Resources and Crop Evolution, 2016, 63, 19-33.	1.6	19
26	Rapid Dereplication and Identification of the Bioactive Constituents from the Fungus, Leucocoprinus birnbaumii. Natural Product Communications, 2015, 10, 1934578X1501000.	0.5	0
27	Chemical Profiling (HPLC-NMR & HPLC-MS), Isolation, and Identification of Bioactive Meroditerpenoids from the Southern Australian Marine Brown Alga Sargassum paradoxum. Marine Drugs, 2015, 13, 102-127.	4.6	25
28	Dereplication and Chemotaxonomical Studies of Marine Algae of the Ochrophyta and Rhodophyta Phyla. Marine Drugs, 2015, 13, 2714-2731.	4.6	13
29	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
30	HPLCâ€“NMR and HPLCâ€–MS investigation of antimicrobial constituents in Cystophora monilifera and Cystophora subfarcinata. Phytochemistry, 2015, 117, 200-208.	2.9	5
31	HPLC-NMR and HPLC-MS Profiling and Bioassay-Guided Identification of Secondary Metabolites from the Australian Plant Haemodorum spicatum. Journal of Natural Products, 2015, 78, 1486-1494.	3.0	17
32	Phytochemical Investigation of the Constituents Derived from the Australian Plant Macropidia fuliginosa. Journal of Natural Products, 2015, 78, 1600-1608.	3.0	30
33	Hericium erinaceus (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. Food and Function, 2014, 5, 3160-3169.	4.6	63
34	Phenylphenalenones and oxabenzochrysenones from the Australian plant Haemodorum simulans. Phytochemistry, 2013, 95, 351-359.	2.9	12
35	HPLC-NMR Chemical Profiling of the Australian Carnivorous Plant, Drosera erythrohiza subspecies magna. Natural Products Journal, 2013, 3, 35-41.	0.3	4
36	HPLC-NMR Chemical Profiling and Dereplication Studies of the Marine Brown Alga, Cystophora torulosa. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	2

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37	Relative Configuration of the Marine Natural Product Elatenyne using NMR Spectroscopic and Chemical Derivatization Methodologies. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	1
38	NMR Spectroscopy: Structure Elucidation of Cycloelatanene A: A Natural Product Case Study. Methods in Molecular Biology, 2013, 1055, 99-116.	0.9	5
39	A Historical Overview of Natural Products in Drug Discovery. Metabolites, 2012, 2, 303-336.	2.9	1,254
40	Application of HPLC-NMR in the Identification of Plocamenone and Isoplocamenone from the Marine Red Alga Plocamium angustum. Marine Drugs, 2012, 10, 2089-2102.	4.6	25
41	On-line (HPLC-NMR) and Off-line Phytochemical Profiling of the Australian Plant, Lasiopetalum macrophyllum. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	8
42	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
43	On-line (HPLC-NMR) and Off-line Phytochemical Profiling of the Australian Plant, Lasiopetalum macrophyllum. Natural Product Communications, 2011, 6, 1934578X1100601.	0.5	3
44	Phytochemical studies of the southern Australian marine alga, Laurencia elata. Phytochemistry, 2011, 72, 2081-2089.	2.9	47
45	On-line (HPLC-NMR) and off-line phytochemical profiling of the Australian plant, Lasiopetalum macrophyllum. Natural Product Communications, 2011, 6, 1605-16.	0.5	6
46	Laurencia Filiformis: Phytochemical Profiling by Conventional and HPLC-NMR Approaches. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	19
47	HPLC and NMR Studies of Phenoxazone Alkaloids from Pycnoporus Cinnabarinus. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	9
48	Phytochemical Investigation of the Australian Lichens Ramalina glaucescens and Xanthoria parietina. Natural Product Communications, 2009, 4, 1934578X0900400.	0.5	10
49	Naphthalene Aglycones and Glycosides from the Australian Medicinal Plant,Dianella callicarpa. Planta Medica, 2009, 75, 1442-1447.	1.3	16
50	Application of HPLCâ€NMR for the Rapid Chemical Profiling of a Southern Australian Sponge, Dactylospongia sp.. Journal of Separation Science, 2009, 32, 542-548.	2.5	19
51	Meroditerpenoids from the southern Australian marine brown alga Sargassum fallax. Phytochemistry, 2009, 70, 250-255.	2.9	73
52	Multiple component isolation in preparative multidimensional gas chromatography with characterisation by mass spectrometry and nuclear magnetic resonance spectroscopy. Journal of Chromatography A, 2009, 1216, 5740-5747.	3.7	38
53	Chemical constituents of the lichen, Candelaria concolor: A complete NMR and chemical degradative investigation. Natural Product Research, 2009, 23, 925-939.	1.8	10
54	Response to Banned Solvents. Journal of Chemical Education, 2009, 86, 689.	2.3	0

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55	Phenylphenalenones from the Australian Plant Haemodorum simplex. Journal of Natural Products, 2009, 72, 1075-1080.	3.0	22
56	Laurencia filiformis: phytochemical profiling by conventional and HPLC-NMR approaches. Natural Product Communications, 2009, 4, 157-72.	0.5	22
57	Phytochemical analysis of the Southern Australian marine alga, Plocamium mertensii using HPLCâ€NMR. Phytochemical Analysis, 2008, 19, 453-470.	2.4	21
58	Application of microscale-preparative multidimensional gas chromatography with nuclear magnetic resonance spectroscopy for identification of pure methylnaphthalenes from crude oils. Journal of Chromatography A, 2008, 1215, 168-176.	3.7	35
59	Corymbones A and B, Phloroglucinols with Thyrotropin Releasing Hormone Receptor 2 Binding Affinity from the Flowers of Corymbia peltata. Journal of Natural Products, 2008, 71, 881-883.	3.0	19
60	The Iodochlorination of Styrene: An Experiment That Makes a Difference. Journal of Chemical Education, 2008, 85, 962.	2.3	1
61	Linear and Cyclic C₁₈ Terpenoids from the Southern Australian Marine Brown Alga Cystophora moniliformis. Journal of Natural Products, 2008, 71, 1441-1446.	3.0	33
62	Method for Small-Molecule Discovery Based on Microscale-Preparative Multidimensional Gas Chromatography Isolation with Nuclear Magnetic Resonance Spectroscopy. Analytical Chemistry, 2008, 80, 6293-6299.	6.5	57
63	Microfluidic valve geometries and possibilities for flow switching in gas chromatography. , 2008, , .		0
64	A Bioactive Diterpene from Smallanthus sonchifolius. Natural Product Communications, 2008, 3, 1934578X0800301.	0.5	4
65	Pinastric acid revisited: a complete NMR and X-ray structure assignment. Natural Product Research, 2007, 21, 366-376.	1.8	13
66	Developments in Hyphenated Spectroscopic Methods in Natural Product Profiling. Frontiers in Medicinal Chemistry, 2005, 1, 113-166.	0.2	24
67	Î²-Carboline Alkaloids from a New Zealand Marine Bryozoan, Cribricellina Cribraria. Natural Product Research, 2003, 17, 15-19.	1.8	12
68	Coproverdine, a Novel, Cytotoxic Marine Alkaloid from a New Zealand Ascidian. Journal of Natural Products, 2002, 65, 1371-1373.	3.0	37
69	Bioactive Marine Alkaloids. Current Organic Chemistry, 2000, 4, 765-807.	1.6	122
70	Axinellamines Aâ^'D, Novel Imidazoâ^'Azoloâ^'Imidazole Alkaloids from the Australian Marine SpongeAxinellasp.. Journal of Organic Chemistry, 1999, 64, 731-735.	3.2	136
71	A new lipid from an australian marine sponge, Callyspongia sp. Lipids, 1997, 32, 675-677.	1.7	12
72	Absolute Stereochemistry of Puupehenone and Related Metabolites. Journal of Natural Products, 1996, 59, 900-901.	3.0	45

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73	Deoxyspongiaquinones: New Sesquiterpene Quinones and Hydroquinones From a Southern Australian Marine Sponge Euryspongia sp.. Australian Journal of Chemistry, 1996, 49, 611.	0.9	26
74	Lamellarin-S: a New Aromatic Metabolite From an Australian Tunicate, Didemnum sp.. Australian Journal of Chemistry, 1996, 49, 711.	0.9	86
75	Lamellarins Q and R: New Aromatic Metabolites From an Australian Marine Sponge, Dendrilla cactos. Australian Journal of Chemistry, 1995, 48, 1491.	0.9	81
76	A New Sesquiterpene Alcohol from an Antarctic sponge. Natural Product Research, 1995, 6, 187-192.	0.4	6
77	A New Furanoditerpene From a Southern Australian Marine Sponge, Thorectandra choanoides. Australian Journal of Chemistry, 1995, 48, 1903.	0.9	9
78	Marine Sesquiterpene Quinones and Hydroquinones: Acid-Catalyzed Rearrangements and Stereochemical Investigations. Australian Journal of Chemistry, 1994, 47, 1023.	0.9	23
79	Lamellarins O and P: New Aromatic Metabolites From the Australian Marine Sponge Dendrilla cactos. Australian Journal of Chemistry, 1994, 47, 1919.	0.9	98
80	A New Alkaloid From an Australian Marine Sponge, Spongosorites sp.. Australian Journal of Chemistry, 1994, 47, 2279.	0.9	18
81	Spongiaquinone Revisited: Structural and Stereochemical Studies on Marine Sesquiterpene/Quinones From a Southern Australian Marine Sponge, Spongia sp.. Australian Journal of Chemistry, 1993, 46, 1245.	0.9	30
82	Cometins (A-C), New Furanosesterterpenes From an Australian Marine Sponge, Spongia sp.. Australian Journal of Chemistry, 1992, 45, 1255.	0.9	18
83	5-epi-Isospongiaquinone, a New Sesquiterpene/Quinone Antibiotic from an Australian Marine Sponge, Spongia hispida. Journal of Natural Products, 1992, 55, 1638-1642.	3.0	38
84	Chemical Constituents of Hoya buotii Kloppenb. Journal of Applied Pharmaceutical Science, 0, , 069-072.	1.0	1