

Sophie Tomasi

List of Publications by Year in descending order

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56
papers

4,801
citations

201674

27
h-index

175258

52
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62
all docs

62
docs citations

62
times ranked

7447
citing authors

#	ARTICLE	IF	CITATIONS
1	An insight into an intriguing oxidative biotransformation pathway of 5-O-caffeoylquinic acid by a gut bacterium. <i>Food and Function</i> , 2022, 13, 6195-6204.	4.6	2
2	Lichen-associated bacteria transform antibacterial usnic acid to products of lower antibiotic activity. <i>Phytochemistry</i> , 2021, 181, 112535.	2.9	15
3	Efficiency and selectivity of ionic liquids in microwave-assisted extraction of major lichen phenolic compounds: a scalable process with recycling of ionic liquids. <i>Phytochemical Analysis</i> , 2021, 32, 592-600.	2.4	6
4	Optimization of cytotoxic activity of <i>Nocardia</i> sp culture broths using a design of experiments. <i>PLoS ONE</i> , 2020, 15, e0227816.	2.5	2
5	Optimization of cytotoxic activity of <i>Nocardia</i> sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
6	Optimization of cytotoxic activity of <i>Nocardia</i> sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
7	Optimization of cytotoxic activity of <i>Nocardia</i> sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
8	Optimization of cytotoxic activity of <i>Nocardia</i> sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
9	Lichen butyrolactone derivatives disrupt oral bacterial membrane. <i>FÄ-toterapÄ-Äç</i> , 2019, 137, 104274.	2.2	4
10	UV-Vis Spectroelectrochemistry of Oleuropein, Tyrosol, and p-Coumaric Acid Individually and in an Equimolar Combination. Differences in LC-ESI-MS2 Profiles of Oxidation Products and Their Neuroprotective Properties. <i>Biomolecules</i> , 2019, 9, 802.	4.0	6
11	Chemical analysis of the Alphaproteobacterium strain MOLA1416 associated with the marine lichen <i>Lichina pygmaea</i> . <i>Phytochemistry</i> , 2018, 145, 57-67.	2.9	9
12	tert-Butylphenolic Derivatives from <i>Paenibacillus odorifer</i> —A Case of Bioconversion. <i>Molecules</i> , 2018, 23, 1951.	3.8	2
13	Secondary metabolites from lichen as potent inhibitors of advanced glycation end products and vasodilative agents. <i>FÄ-toterapÄ-Äç</i> , 2018, 131, 182-188.	2.2	11
14	Marine cyanolichens from different littoral zones are associated with distinct bacterial communities. <i>PeerJ</i> , 2018, 6, e5208.	2.0	31
15	Multiple <i>Streptomyces</i> species with distinct secondary metabolomes have identical 16S rRNA gene sequences. <i>Scientific Reports</i> , 2017, 7, 11089.	3.3	96
16	Antibacterial activities of natural lichen compounds against <i>Streptococcus gordonii</i> and <i>Porphyromonas gingivalis</i> . <i>FÄ-toterapÄ-Äç</i> , 2017, 121, 164-169.	2.2	24
17	Isolation and Structure Identification of Novel Brominated Diketopiperazines from <i>Nocardia ignorata</i> —A Lichen-Associated Actinobacterium. <i>Molecules</i> , 2017, 22, 371.	3.8	16
18	Lichen-derived compounds show potential for central nervous system therapeutics. <i>Phytomedicine</i> , 2016, 23, 1527-1534.	5.3	38

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19	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	17.5	2,802
20	Review “ Lichen-Associated Bacteria as a Hot Spot of Chemodiversity: Focus on Uncialamycin, a Promising Compound for Future Medicinal Applications. <i>Planta Medica</i> , 2016, 82, 1143-1152.	1.3	28
21	Design, synthesis and biological evaluation of potential antibacterial butyrolactones. <i>Bioorganic and Medicinal Chemistry</i> , 2016, 24, 5823-5833.	3.0	16
22	Cyaneodimycin, a Bioactive Compound Isolated from the Culture of <i>Streptomyces cyaneofuscatus</i> Associated with <i>Lichina confinis</i> . <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3977-3982.	2.4	17
23	Depsidones from Lichens as Natural Product Inhibitors of M-Phase Phosphoprotein 1, a Human Kinesin Required for Cytokinesis. <i>Journal of Natural Products</i> , 2016, 79, 1576-1585.	3.0	16
24	Sample preparation for an optimized extraction of localized metabolites in lichens: Application to <i>Pseudevernia furfuracea</i> . <i>Talanta</i> , 2016, 150, 525-530.	5.5	23
25	Lichens as natural sources of biotechnologically relevant bacteria. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 583-595.	3.6	48
26	Dibenzofurans and derivatives from lichens and ascomycetes. <i>Natural Product Reports</i> , 2016, 33, 801-811.	10.3	61
27	Littoral lichens as a novel source of potentially bioactive Actinobacteria. <i>Scientific Reports</i> , 2015, 5, 15839.	3.3	65
28	Qualitative and Spatial Metabolite Profiling of Lichens by a LC-MS Approach Combined With Optimised Extraction. <i>Phytochemical Analysis</i> , 2015, 26, 23-33.	2.4	31
29	Gold-Mediated Synthesis and Functionalization of Chiral Halopyridones. <i>Journal of Organic Chemistry</i> , 2013, 78, 7809-7815.	3.2	32
30	UV-protectant metabolites from lichens and their symbiotic partners. <i>Natural Product Reports</i> , 2013, 30, 1490.	10.3	153
31	Halotolerance in Lichens: Symbiotic Coalition Against Salt Stress. , 2013, , 115-148.		14
32	Comparative metabolite profiling and chemical study of <i>Ramalina siliquosa</i> complex using LC-ESI-MS/MS approach. <i>Phytochemistry</i> , 2013, 89, 114-124.	2.9	36
33	When the nine-membered enediynes play hide and seek. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7453.	2.8	28
34	Photoprotective capacities of lichen metabolites: A joint theoretical and experimental study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 111, 17-26.	3.8	31
35	Ionic liquids based microwave-assisted extraction of lichen compounds with quantitative spectrophotodensitometry analysis. <i>Analytica Chimica Acta</i> , 2011, 707, 69-75.	5.4	38
36	Bioactive lichen metabolites: alpine habitats as an untapped source. <i>Phytochemistry Reviews</i> , 2011, 10, 287-307.	6.5	107

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37	Recognition of enantiomers with chiral molecular tweezers derived from (+)- or (âˆ—)-usnic acid. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 1307-1310.	1.8	10
38	Targeting the Polyamine Transport System with Benzazepine- and Azepine-Polyamine Conjugates. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 7647-7663.	6.4	33
39	Optimization of a microwave-assisted extraction of secondary metabolites from crustose lichens with quantitative spectrophotodensitometry analysis. <i>Journal of Chromatography A</i> , 2009, 1216, 7651-7656.	3.7	21
40	Novel Chiral Molecular Tweezer from (+)-Usnic Acid. <i>Organic Letters</i> , 2009, 11, 745-748.	4.6	40
41	Cytotoxic Constituents of the Lichen <i>Diploicia canescens</i> . <i>Journal of Natural Products</i> , 2009, 72, 2177-2180.	3.0	49
42	Phytochemical investigation of <i>Tephromela atra</i> : NMR studies of collatolic acid derivatives. <i>Phytochemistry Letters</i> , 2008, 1, 139-143.	1.2	11
43	Synthesis and cytotoxic activities of usnic acid derivatives. <i>Bioorganic and Medicinal Chemistry</i> , 2008, 16, 6860-6866.	3.0	83
44	Preparation and characterization of copper(ii) and nickel(ii) complexes of a new chiral salen ligand derived from (+)-usnic acid. <i>Dalton Transactions</i> , 2008, , 6524.	3.3	11
45	Metabolites from the Lichen <i>Ochrolechia parella</i> Growing under Two Different Heliotropic Conditions. <i>Journal of Natural Products</i> , 2007, 70, 316-318.	3.0	45
46	Stictic Acid Derivatives from the Lichen <i>Usnea articulata</i> and Their Antioxidant Activities. <i>Journal of Natural Products</i> , 2007, 70, 1218-1220.	3.0	93
47	Solid-Phase Synthesis of Polyfunctionalized Natural Products: Application to Usnic Acid, a Bioactive Lichen Compound. <i>ACS Combinatorial Science</i> , 2006, 8, 11-14.	3.3	24
48	Effect of Polyamine Homologation on the Transport and Biological Properties of Heterocyclic Amidines. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 232-245.	6.4	35
49	In Vivo Antitumor Activity of Clitocine, an Exocyclic Amino Nucleoside Isolated from <i>Lepista inversa</i> . <i>ChemMedChem</i> , 2006, 1, 189-196.	3.2	22
50	Cytotoxic Activity of Compounds from the Lichen: <i>Cladonia convoluta</i> . <i>Planta Medica</i> , 2004, 70, 874-877.	1.3	97
51	Cytotoxic activity of some lichen extracts on murine and human cancer cell lines. <i>Phytomedicine</i> , 2003, 10, 499-503.	5.3	229
52	Notes: Flavonols from <i>Scurrula ferruginea</i> Danser (Loranthaceae). <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2002, 57, 1092-1096.	1.4	28
53	Effect of Spermine Conjugation on the Cytotoxicity and Cellular Transport of Acridine. <i>Journal of Medicinal Chemistry</i> , 2002, 45, 5098-5111.	6.4	88
54	A Prenyloxycoumarin from <i>Psiadia dentata</i> . <i>Chemical and Pharmaceutical Bulletin</i> , 2001, 49, 619-621.	1.3	19

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55	A novel solid-phase reductive alkylation route to acridine and dansyl polyamine conjugates. <i>Chemical Communications</i> , 1999, , 1341-1342.	4.1	22
56	Solid phase organic synthesis of polyamine derivatives and initial biological evaluation of their antitumoral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 635-640.	2.2	31