Sophie Tomasi

List of Publications by Year in descending order

56 papers	4,801 citations	201674 27 h-index	175258 52 g-index
62 all docs	62 docs citations	62 times ranked	7447 citing authors

#	Article	IF	Citations
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. Nature Biotechnology, 2016, 34, 828-837.	17.5	2,802
2	Cytotoxic activity of some lichen extracts on murine and human cancer cell lines. Phytomedicine, 2003, 10, 499-503.	5.3	229
3	UV-protectant metabolites from lichens and their symbiotic partners. Natural Product Reports, 2013, 30, 1490.	10.3	153
4	Bioactive lichen metabolites: alpine habitats as an untapped source. Phytochemistry Reviews, 2011, 10, 287-307.	6.5	107
5	Cytotoxic Activity of Compounds from the Lichen:Cladonia convoluta. Planta Medica, 2004, 70, 874-877.	1.3	97
6	Multiple Streptomyces species with distinct secondary metabolomes have identical 16S rRNA gene sequences. Scientific Reports, 2017, 7, 11089.	3.3	96
7	Stictic Acid Derivatives from the Lichen Usnea articulata and Their Antioxidant Activities. Journal of Natural Products, 2007, 70, 1218-1220.	3.0	93
8	Effect of Spermine Conjugation on the Cytotoxicity and Cellular Transport of Acridine. Journal of Medicinal Chemistry, 2002, 45, 5098-5111.	6.4	88
9	Synthesis and cytotoxic activities of usnic acid derivatives. Bioorganic and Medicinal Chemistry, 2008, 16, 6860-6866.	3.0	83
10	Littoral lichens as a novel source of potentially bioactive Actinobacteria. Scientific Reports, 2015, 5, 15839.	3.3	65
11	Dibenzofurans and derivatives from lichens and ascomycetes. Natural Product Reports, 2016, 33, 801-811.	10.3	61
12	Cytotoxic Constituents of the Lichen Diploicia canescens. Journal of Natural Products, 2009, 72, 2177-2180.	3.0	49
13	Lichens as natural sources of biotechnologically relevant bacteria. Applied Microbiology and Biotechnology, 2016, 100, 583-595.	3.6	48
14	Metabolites from the LichenOchrolechia parellaGrowing under Two Different Heliotropic ConditionsâŠ¥. Journal of Natural Products, 2007, 70, 316-318.	3.0	45
15	Novel Chiral Molecular Tweezer from (+)-Usnic Acid. Organic Letters, 2009, 11, 745-748.	4.6	40
16	Ionic liquids based microwave-assisted extraction of lichen compounds with quantitative spectrophotodensitometry analysis. Analytica Chimica Acta, 2011, 707, 69-75.	5.4	38
17	Lichen-derived compounds show potential for central nervous system therapeutics. Phytomedicine, 2016, 23, 1527-1534.	5.3	38
18	Comparative metabolite profiling and chemical study of Ramalina siliquosa complex using LCâ€“ESI-MS/MS approach. Phytochemistry, 2013, 89, 114-124.	2.9	36

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19	Effect of Polyamine Homologation on the Transport and Biological Properties of Heterocyclic Amidines. Journal of Medicinal Chemistry, 2006, 49, 232-245.	6.4	35
20	Targeting the Polyamine Transport System with Benzazepine- and Azepine-Polyamine Conjugates. Journal of Medicinal Chemistry, 2010, 53, 7647-7663.	6.4	33
21	Gold-Mediated Synthesis and Functionalization of Chiral Halopyridones. Journal of Organic Chemistry, 2013, 78, 7809-7815.	3.2	32
22	Solid phase organic synthesis of polyamine derivatives and initial biological evaluation of their antitumoral activity. Bioorganic and Medicinal Chemistry Letters, 1998, 8, 635-640.	2.2	31
23	Photoprotective capacities of lichen metabolites: A joint theoretical and experimental study. Journal of Photochemistry and Photobiology B: Biology, 2012, 111, 17-26.	3.8	31
24	Qualitative and Spatial Metabolite Profiling of Lichens by a LCâ€“MS Approach Combined With Optimised Extraction. Phytochemical Analysis, 2015, 26, 23-33.	2.4	31
25	Marine cyanolichens from different littoral zones are associated with distinct bacterial communities. PeerJ, 2018, 6, e5208.	2.0	31
26	Notes: Flavonols from Scurrula ferruginea Danser (Loranthaceae). Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 1092-1096.	1.4	28
27	When the nine-membered enediynes play hide and seek. Organic and Biomolecular Chemistry, 2012, 10, 7453.	2.8	28
28	Review â€“ Lichen-Associated Bacteria as a Hot Spot of Chemodiversity: Focus on Uncialamycin, a Promising Compound for Future Medicinal Applications. Planta Medica, 2016, 82, 1143-1152.	1.3	28
29	Solid-Phase Synthesis of Polyfunctionalized Natural Products:â€‰ Application to Usnic Acid, a Bioactive Lichen Compound. ACS Combinatorial Science, 2006, 8, 11-14.	3.3	24
30	Antibacterial activities of natural lichen compounds against Streptococcus gordonii and Porphyromonas gingivalis. FÃ¬toterapÃ¬Ã¢, 2017, 121, 164-169.	2.2	24
31	Sample preparation for an optimized extraction of localized metabolites in lichens: Application to Pseudevernia furfuracea. Talanta, 2016, 150, 525-530.	5.5	23
32	A novel solid-phase reductive alkylation route to acridine and dansyl polyamine conjugates. Chemical Communications, 1999, , 1341-1342.	4.1	22
33	In Vivo Antitumor Activity of Clitocine, an Exocyclic Amino Nucleoside Isolated fromLepista inversa. ChemMedChem, 2006, 1, 189-196.	3.2	22
34	Optimization of a microwave-assisted extraction of secondary metabolites from crustose lichens with quantitative spectrophotodensitometry analysis. Journal of Chromatography A, 2009, 1216, 7651-7656.	3.7	21
35	A Prenyloxycoumarin from Psiadia dentata.. Chemical and Pharmaceutical Bulletin, 2001, 49, 619-621.	1.3	19
36	Cyaneodimycin, a Bioactive Compound Isolated from the Culture of Streptomyces cyaneofuscatus Associated with Lichina confinis. European Journal of Organic Chemistry, 2016, 2016, 3977-3982.	2.4	17

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37	Design, synthesis and biological evaluation of potential antibacterial butyrolactones. Bioorganic and Medicinal Chemistry, 2016, 24, 5823-5833.	3.0	16
38	Depsidones from Lichens as Natural Product Inhibitors of M-Phase Phosphoprotein 1, a Human Kinesin Required for Cytokinesis. Journal of Natural Products, 2016, 79, 1576-1585.	3.0	16
39	Isolation and Structure Identification of Novel Brominated Diketopiperazines from Nocardia ignorataâ€"A Lichen-Associated Actinobacterium. Molecules, 2017, 22, 371.	3.8	16
40	Lichen-associated bacteria transform antibacterial usnic acid to products of lower antibiotic activity. Phytochemistry, 2021, 181, 112535.	2.9	15
41	Halotolerance in Lichens: Symbiotic Coalition Against Salt Stress. , 2013, , 115-148.		14
42	Phytochemical investigation of Tephromela atra: NMR studies of collatolic acid derivatives. Phytochemistry Letters, 2008, 1, 139-143.	1.2	11
43	Preparation and characterization of copper(ii) and nickel(ii) complexes of a new chiral salen ligand derived from (+)-usnic acid. Dalton Transactions, 2008, , 6524.	3.3	11
44	Secondary metabolites from lichen as potent inhibitors of advanced glycation end products and vasodilative agents. FÃ¬toterapÃ¬Ã¢, 2018, 131, 182-188.	2.2	11
45	Recognition of enantiomers with chiral molecular tweezers derived from (+)- or (â^')-usnic acid. Tetrahedron: Asymmetry, 2010, 21, 1307-1310.	1.8	10
46	Chemical analysis of the Alphaproteobacterium strain MOLA1416 associated with the marine lichen Lichina pygmaea. Phytochemistry, 2018, 145, 57-67.	2.9	9
47	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. Biomolecules, 2019, 9, 802.	4.0	6
48	Efficiency and selectivity of ionic liquids in microwaveâ€assisted extraction of major lichen phenolic compounds: a scalable process with recycling of ionic liquids. Phytochemical Analysis, 2021, 32, 592-600.	2.4	6
49	Lichen butyrolactone derivatives disrupt oral bacterial membrane. FÃ¬toterapÃ¬Ã¢, 2019, 137, 104274.	2.2	4
50	tert-Butylphenolic Derivatives from Paenibacillus odoriferâ€"A Case of Bioconversion. Molecules, 2018, 23, 1951.	3.8	2
51	Optimization of cytotoxic activity of Nocardia sp culture broths using a design of experiments. PLoS ONE, 2020, 15, e0227816.	2.5	2
52	An insight into an intriguing oxidative biotransformation pathway of 5-O-caffeoylquinic acid by a gut bacterium. Food and Function, 2022, 13, 6195-6204.	4.6	2
53	Optimization of cytotoxic activity of Nocardia sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
54	Optimization of cytotoxic activity of Nocardia sp culture broths using a design of experiments. , 2020, 15, e0227816.		0

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55	Optimization of cytotoxic activity of Nocardia sp culture broths using a design of experiments. , 2020, 15, e0227816.		0
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