

Sebastiano Sciuto

List of Publications by Year in descending order

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57
papers

1,133
citations

430754

18
h-index

414303

32
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57
all docs

57
docs citations

57
times ranked

1298
citing authors

#	ARTICLE	IF	CITATIONS
1	Amino acids and low-molecular-weight carbohydrates of some marine red algae. <i>Phytochemistry</i> , 1975, 14, 1549-1557.	1.4	160
2	Use of fluorescence EEM to monitor the removal of emerging contaminants in full scale wastewater treatment plants. <i>Journal of Hazardous Materials</i> , 2017, 323, 367-376.	6.5	126
3	Antiproliferative Activity of Methylated Analogues of E- and Z-Resveratrol. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007, 62, 189-195.	0.6	58
4	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110023.	2.5	41
5	A new betaxanthin from <i>Glottiphyllum longum</i> . <i>Phytochemistry</i> , 1973, 12, 2293-2294.	1.4	40
6	Sterols of some red algae. <i>Phytochemistry</i> , 1975, 14, 1579-1582.	1.4	40
7	Hydrogen Sulfide and Carnosine: Modulation of Oxidative Stress and Inflammation in Kidney and Brain Axis. <i>Antioxidants</i> , 2020, 9, 1303.	2.2	37
8	Glycoclusters presenting lactose on calix[4]arene cores display trypanocidal activity. <i>Tetrahedron</i> , 2011, 67, 5902-5912.	1.0	36
9	A blend of two resveratrol derivatives abolishes hIAPP amyloid growth and membrane damage. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2018, 1860, 1793-1802.	1.4	36
10	Biosynthesis of amaranthin in <i>Celosia plumosa</i> . <i>Phytochemistry</i> , 1974, 13, 947-951.	1.4	31
11	Synthesis of amphiphilic resveratrol lipoconjugates and evaluation of their anticancer activity towards neuroblastoma SH-SY5Y cell line. <i>European Journal of Medicinal Chemistry</i> , 2015, 96, 467-481.	2.6	28
12	Onium Compounds from the Red Alga <i>Pterocladia capillacea</i> . <i>Journal of Natural Products</i> , 1988, 51, 322-325.	1.5	25
13	Light control of amaranthin synthesis in isolated <i>Amaranthus cotyledons</i> . <i>Phytochemistry</i> , 1975, 14, 479-481.	1.4	24
14	The Role of Methylsulfonium Compounds in the Biosynthesis of N-Methylated Metabolites in <i>Chondria coerulescens</i> . <i>Journal of Natural Products</i> , 1990, 53, 87-93.	1.5	24
15	<i>Moringa oleifera</i> Protects SH-SY5Y Cells from DEHP-Induced Endoplasmic Reticulum Stress and Apoptosis. <i>Antioxidants</i> , 2021, 10, 532.	2.2	22
16	The identification of 4-hydroxy-N-methylproline in the red alga <i>Chondria coerulescens</i> spectral information. <i>Phytochemistry</i> , 1983, 22, 2311-2312.	1.4	21
17	(α)-(S)-4-dimethylsulfonio-2-methoxybutyrate from the red alga <i>Rytiphloea tinctoria</i> . <i>Phytochemistry</i> , 1982, 21, 227-228.	1.4	20
18	Levels of chlorinated hydrocarbons in marine animals from the central Mediterranean. <i>Marine Pollution Bulletin</i> , 1979, 10, 282-284.	2.3	19

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19	Pyrrolidine-2,4-dicarboxylic acid, a new naturally occurring imino acid. <i>Phytochemistry</i> , 1977, 16, 1601-1602.	1.4	18
20	Simultaneous high-performance liquid chromatographic determination of antazoline phosphate and tetrahydrozoline hydrochloride in ophthalmic solution. <i>Journal of Chromatography A</i> , 1986, 369, 165-170.	1.8	18
21	Peptides derived from the histidine-proline rich glycoprotein bind copper ions and exhibit anti-angiogenic properties. <i>Dalton Transactions</i> , 2018, 47, 9492-9503.	1.6	17
22	Hyaluronan-carnosine conjugates inhibit A β aggregation and toxicity. <i>Scientific Reports</i> , 2020, 10, 15998.	1.6	17
23	Sterols of Mediterranean Florideophyceae. <i>Biochemical Systematics and Ecology</i> , 1976, 4, 135-138.	0.6	16
24	Anti-tumor Properties of Stilbene-based Resveratrol Analogues: Recent Results. <i>Natural Product Communications</i> , 2007, 2, 1934578X0700200.	0.2	16
25	Oligonucleotides Conjugated to Natural Lipids: Synthesis of Phosphatidyl-Anchored Antisense Oligonucleotides. <i>Bioconjugate Chemistry</i> , 2013, 24, 648-657.	1.8	16
26	Two New Dragendorff-Positive Compounds from Marine Algae. <i>Journal of Natural Products</i> , 1988, 51, 1017-1020.	1.5	15
27	Dragendorff-positive compounds in some Mediterranean red algae. <i>Biochemical Systematics and Ecology</i> , 1989, 17, 5-10.	0.6	15
28	Cytotoxic and cytostatic activity of copper(II) complexes. Importance of the speciation for the correct interpretation of the in vitro biological results. <i>Journal of Inorganic Biochemistry</i> , 1993, 50, 31-45.	1.5	15
29	Thetines and Betaines of the Red Alga <i>Digenea simplex</i> . <i>Journal of Natural Products</i> , 1993, 56, 432-435.	1.5	13
30	Chemoenzymatic Synthesis of Lysophosphatidylnucleosides. <i>Journal of Organic Chemistry</i> , 1998, 63, 3224-3229.	1.7	13
31	Interactions of two O-phosphorylresveratrol derivatives with model membranes. <i>Archives of Biochemistry and Biophysics</i> , 2012, 521, 111-116.	1.4	13
32	Regio and stereoselective oxidations of unsaturated steroidal compounds with H ₂ O ₂ mediated by CH ₃ ReO ₃ . <i>Steroids</i> , 2006, 71, 565-577.	0.8	12
33	Bioassay-Guided Isolation of Antiproliferative Compounds from Grape (<i>Vitis vinifera</i>) Stems. <i>Natural Product Communications</i> , 2009, 4, 1934578X0900400.	0.2	12
34	Liposomal Delivery of a 30-mer Antisense Oligodeoxynucleotide To Inhibit Proopiomelanocortin Expression. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 616-625.	1.6	11
35	Amino-acid profiles in red algae. <i>Biochemical Systematics and Ecology</i> , 1977, 5, 77-80.	0.6	9
36	N-methyl-l-aspartic acid from the red alga <i>Halopytis incurvus</i> . <i>Phytochemistry</i> , 1979, 18, 1058.	1.4	9

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37	Oxidation of 3-hydroxykynurenine. An EPR investigation. <i>Journal of Heterocyclic Chemistry</i> , 1990, 27, 2207-2208.	1.4	8
38	Hydroxytyrosol Lipophilic Analogues. , 2010, , 1233-1243.		8
39	Acylated betacyanins from <i>Drosanthemum floribundum</i> . <i>Phytochemistry</i> , 1973, 12, 2295-2296.	1.4	7
40	Polymer supported calixarene derivative useful for solid-phase synthesis application. <i>Tetrahedron Letters</i> , 2010, 51, 6139-6142.	0.7	7
41	The Protective Effect of New Carnosine-Hyaluronic Acid Conjugate on the Inflammation and Cartilage Degradation in the Experimental Model of Osteoarthritis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1324.	1.3	7
42	6-Amino-6-carboxy-2-trimethylammoniohexanoate from the Red Alga <i>Schottera nicaeensis</i> . <i>Journal of Natural Products</i> , 1985, 48, 602-605.	1.5	6
43	Nicaensin, a New Amidinoureido Compound from the Red Alga <i>Schottera nicaeensis</i> . <i>Journal of Natural Products</i> , 1990, 53, 1220-1224.	1.5	6
44	Biosynthetic Relationships Between Sulfonium and N-Methylated Compounds in the Red Alga <i>Vidalia volubilis</i> . <i>Journal of Natural Products</i> , 1992, 55, 53-57.	1.5	6
45	Levels of chlorinated hydrocarbons in sediments from the central mediterranean. <i>Science of the Total Environment</i> , 1982, 24, 91-99.	3.9	5
46	Melanosomes from liver and skin of <i>Rana esculenta</i> L. A comparative chemical study. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1988, 90, 397-400.	0.2	4
47	Synthesis of Very Short Chain Lysophosphatidyloligodeoxynucleotides. <i>Bioconjugate Chemistry</i> , 2006, 17, 1022-1029.	1.8	4
48	Synergistic Effect of L-Carnosine and Hyaluronic Acid in Their Covalent Conjugates on the Antioxidant Abilities and the Mutual Defense against Enzymatic Degradation. <i>Antioxidants</i> , 2022, 11, 664.	2.2	4
49	Ionophore Ability of Carnosine and Its Trehalose Conjugate Assists Copper Signal in Triggering Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Activation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13504.	1.8	4
50	β-L-aspartylglycine from the red alga <i>Ceramium rubrum</i> . <i>Phytochemistry</i> , 1978, 17, 1659-1660.	1.4	3
51	Binding of Zn(II) to Tropomyosin Receptor Kinase A in Complex with Its Cognate Nerve Growth Factor: Insights from Molecular Simulation and <i>in Vitro</i> Essays. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1095-1103.	1.7	3
52	Amino acid patterns at different stages in the life cycle of rhodomelaceous algae. <i>Phytochemistry</i> , 1980, 19, 2751-2754.	1.4	2
53	Thermodynamic and NMR Study of Proton Complex Formation of 2-Deoxyadenylyl-(3'-5')-2-Deoxyadenosine in Aqueous Solution. <i>Nucleosides & Nucleotides</i> , 1994, 13, 953-962.		2
54	Chemoenzymatic Synthesis and Some Biological Properties of O-phosphoryl Derivatives of (E)-resveratrol. <i>Natural Product Communications</i> , 2008, 3, 1934578X0800301.	0.2	2

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55	Synthesis of 3-(2'-O-Lysophosphatidyl)nucleosides: a Further Application of a Chemoenzymatic Strategy. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 3622-3631.	1.2	1
56	Mono- and dialdehyde of trehalose: new synthons to prepare trehalose bio-conjugates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9427-9432.	1.5	1
57	Food for Brain Health. <i>Healthy Ageing and Longevity</i> , 2021, , 239-274.	0.2	0