Giuseppina Tommonaro

List of Publications by Year
in descending order

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72 papers	2,498 citations	201674 27 h-index	206112 48 g-index
79 all docs	79 docs citations	79 times ranked	3509 citing authors

#	Article	IF	Citations
1	Research Progress and Hopeful Strategies of Application of Quorum Sensing in Food, Agriculture and Nanomedicine. Microorganisms, 2022, 10, 1192.	3.6	6
2	Productivity and Nutritional Trait Improvements of Different Tomatoes Cultivated with Effective Microorganisms Technology. Agriculture (Switzerland), 2021, 11, 112.	3.1	10
3	Determination of flavorâ€potentiating compounds in different Italian tomato varieties. Journal of Food Biochemistry, 2021, 45, e13736.	2.9	5
4	Involvement of a Quorum Sensing Signal Molecule in the Extracellular Amylase Activity of the Thermophilic Anoxybacillus amylolyticus. Microorganisms, 2021, 9, 819.	3.6	1
5	Chemistry of Tropical Eucheumatoids: Potential for Food and Feed Applications. Biomolecules, 2021, 11, 804.	4.0	7
6	Comparative Fatty Acid Profiling of Edible Fishes in Kuala Terengganu, Malaysia. Foods, 2021, 10, 2456.	4.3	5
7	Liposomal integration method for assessing antioxidative activity of water insoluble compounds towards biologically relevant free radicals: example of avarol. Journal of Liposome Research, 2020, 30, 218-226.	3.3	11
8	Extremophilic Natrinema versiforme Against Pseudomonas aeruginosa Quorum Sensing and Biofilm. Frontiers in Microbiology, 2020, 11, 79.	3.5	11
9	Fatty Acid Profile and In Vitro Anticancer Activity of Two Marine Sponge- Associated Bacteria. Current Bioactive Compounds, 2020, 16, 1273-1280.	0.5	3
10	Curcumin and Cancer. Nutrients, 2019, 11, 2376.	4.1	560
11	Light-Responsive Nanocapsule-Coated Polymer Films for Antimicrobial Active Packaging. Polymers, 2019, 11, 68.	4.5	42
12	Biological Properties of Polyphenols Extracts from Agro Industryâ€™s Wastes. Waste and Biomass Valorization, 2018, 9, 1567-1578.	3.4	40
13	Antitumoral potential, antioxidant activity and carotenoid content of two Southern Italy tomato cultivars extracts: San Marzano and Corbarino. Journal of Cellular Physiology, 2018, 233, 1266-1277.	4.1	34
14	The redox couple avarol/avarone in the fight with malignant gliomas: the case study of U-251 MG cells. Natural Product Research, 2018, 32, 616-620.	1.8	8
15	Exopolysaccharide-Producing Microorganisms from Extreme Areas: Chemistry and Application. Microorganisms for Sustainability, 2018, , 405-433.	0.7	1
16	The lignicolous fungus Trametes versicolor (L.) Lloyd (1920): a promising natural source of antiradical and AChE inhibitory agents. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 355-362.	5.2	57
17	Antioxidant activity and bioactive compound contents before and after in vitro digestion of new tomato hybrids. Journal of the Science of Food and Agriculture, 2017, 97, 5241-5246.	3.5	5
18	Comparative Correlation Between Chemical Composition and Cytotoxic Potential of the Coral-Associated Fungus Aspergillus sp. 2C1-EGY Against Human Colon Cancer Cells. Current Microbiology, 2017, 74, 1294-1300.	2.2	7

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19	Investigating on the Correlation Between Some Biological Activities of Marine Sponge-Associated Bacteria Extracts and Isolated Diketopiperazines. Current Microbiology, 2017, 74, 6-13.	2.2	10
20	Recent Advances in the Study of Marine Microbial Biofilm: From the Involvement of Quorum Sensing in Its Production up to Biotechnological Application of the Polysaccharide Fractions. Journal of Marine Science and Engineering, 2016, 4, 34.	2.6	28
21	Avarol derivatives as competitive AChE inhibitors, non hepatotoxic and neuroprotective agents for Alzheimerâ€™s disease. European Journal of Medicinal Chemistry, 2016, 122, 326-338.	5.5	43
22	Identification of N-Hexadecanoyl-L-homoserine lactone (C16-AHL) as signal molecule in halophilic bacterium Halomonas smyrnensis AAD6. Annals of Microbiology, 2016, 66, 1329-1333.	2.6	6
23	Plant growth-promoting effects of rhizospheric and endophytic bacteria associated with different tomato cultivars and new tomato hybrids. Chemical and Biological Technologies in Agriculture, 2016, 3, .	4.6	88
24	In vitro avarol does affect the growth of Candida sp.. Natural Product Research, 2016, 30, 1956-1960.	1.8	7
25	In vitro evaluation of cytotoxic and mutagenic activity of avarol. Natural Product Research, 2016, 30, 1293-1296.	1.8	11
26	Effects of Industrial Processes on Antioxidant Power and Polyphenols Profile in Cherry Tomato Cultivar. Journal of Medicinal Food, 2015, 18, 1173-1178.	1.5	6
27	Evaluation of heavy metals, cytotoxicity, and antioxidant activity of tomatoes grown in toxic muddy soils. Environmental Science and Pollution Research, 2015, 22, 5756-5761.	5.3	5
28	Further in vitro biological activity evaluation of amino-, thio- and ester-derivatives of avarol. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 333-335.	5.2	11
29	Marine Sponge Sesterpenoids as Potent Apoptosis-Inducing Factors in Human Carcinoma Cell Lines. , 2015, , 439-479.		1
30	The Mediterranean Sponge Dysidea avara as a 40 Year Inspiration of Marine Natural Product Chemists. Journal of Biodiversity & Endangered Species, 2014, 01, .	0.1	3
31	Cyclic Dipeptides Produced by Marine Sponge-Associated Bacteria as Quorum Sensing Signals. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	10
32	Furtherin vitroevaluation of cytotoxicity of the marine natural product derivative 4â€²-leucine-avarone. Natural Product Research, 2014, 28, 347-350.	1.8	36
33	Antioxidant and cytotoxic activities investigation of tomato seed extracts. Natural Product Research, 2014, 28, 764-768.	1.8	11
34	Degradative actions of microbial xylanolytic activities on hemicelluloses from rhizome of Arundo donax. AMB Express, 2014, 4, 55.	3.0	22
35	Further in vitro Evaluation of Antimicrobial Activity of the Marine Sesquiterpene Hydroquinone Avarol. Current Pharmaceutical Biotechnology, 2014, 15, 583-588.	1.6	27
36	Cyclic dipeptides produced by marine sponge-associated bacteria as quorum sensing signals. Natural Product Communications, 2014, 9, 229-32.	0.5	20

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37	Silver(I) N-heterocyclic carbene complexes: Synthesis, characterization and antibacterial activity. Journal of Organometallic Chemistry, 2013, 725, 46-53.	1.8	50
38	Bioactivity of Tomato Hybrid Powder: Antioxidant Compounds and Their Biological Activities. Journal of Medicinal Food, 2013, 16, 351-356.	1.5	11
39	A new depsidone of Lobaria pulmonaria with acetylcholinesterase inhibition activity. Journal of Enzyme Inhibition and Medicinal Chemistry, 2013, 28, 876-878.	5.2	19
40	Sugar composition of the mossRhodobryum ontariense(Kindb.) Kindb.. Natural Product Research, 2012, 26, 209-215.	1.8	32
41	Acetylcholinesterase inhibition activity of acetylated depsidones fromLobaria pulmonaria. Natural Product Research, 2012, 26, 1634-1637.	1.8	6
42	Bioactive Marine Prenylated Quinones/Quinols. Studies in Natural Products Chemistry, 2012, , 163-218.	1.8	12
43	Evaluation of Antioxidant Properties, Total Phenolic Content, and Biological Activities of New Tomato Hybrids of Industrial Interest. Journal of Medicinal Food, 2012, 15, 483-489.	1.5	17
44	Diketopiperazines Produced by the Halophilic Archaeon, Haloterrigena hispanica, Activate AHL Bioreporters. Microbial Ecology, 2012, 63, 490-495.	2.8	75
45	Cacospongionolide and Scalaradial, Two Marine Sesterterpenoids as Potent Apoptosis-Inducing Factors in Human Carcinoma Cell Lines. PLoS ONE, 2012, 7, e33031.	2.5	19
46	Re-Use of Vegetable Wastes as Cheap Substrates for Extremophile Biomass Production. Waste and Biomass Valorization, 2011, 2, 103-111.	3.4	39
47	Production and chemical characterization of an exopolysaccharide synthesized by psychrophilic yeast strain Sporobolomyces salmonicolor AL1 isolated from Livingston Island, Antarctica. Folia Microbiologica, 2010, 55, 576-581.	2.3	43
48	Acetamide Derivatives with Antioxidant Activity and Potential Anti-Inflammatory Activity. Molecules, 2010, 15, 2028-2038.	3.8	48
49	Production and characterization of a microbial glucan, synthesized by Geobacillus tepidamans V264 isolated from Bulgarian hot spring. Carbohydrate Polymers, 2009, 77, 338-343.	10.2	87
50	High level synthesis of levan by a novel Halomonas species growing on defined media. Carbohydrate Polymers, 2009, 78, 651-657.	10.2	189
51	Synthesis and Biological Activities of Thio-avarol Derivatives. Journal of Natural Products, 2008, 71, 1850-1853.	3.0	77
52	Bioactive Polysaccharides from Tomato. , 2008, , 299-316.		0
53	Antioxidant Activity of Diphenylpropionamide Derivatives: Synthesis, Biological Evaluation and Computational Analysis. Molecules, 2008, 13, 749-761.	3.8	5
54	Tomato Derived Polysaccharides for Biotechnological Applications: Chemical and Biological Approaches. Molecules, 2008, 13, 1384-1398.	3.8	24

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55	Antioxidative Activity and Lycopene and Î²-Carotene Contents in Different Cultivars of Tomato (Lycopersicon Esculentum). International Journal of Food Properties, 2007, 10, 321-329.	3.0	35
56	A Polysaccharide from Tomato (Lycopersicon esculentum) Peels Affects NF-ÎºB Activation in LPS-Stimulated J774 Macrophages. Journal of Natural Products, 2007, 70, 1636-1639.	3.0	16
57	Chemical Composition and Biotechnological Properties of a Polysaccharide from the Peels and Antioxidative Content from the Pulp of Passiflora liguralis Fruits. Journal of Agricultural and Food Chemistry, 2007, 55, 7427-7433.	5.2	31
58	Exocellular Cyclic Dipeptides from a Ruegeria Strain Associated with Cell Cultures of Suberites domuncula. Marine Biotechnology, 2004, 6, 95-103.	2.4	50
59	Marine bacteria associated with sponge as source of cyclic peptides. New Biotechnology, 2003, 20, 311-316.	2.7	93
60	Development in primary cell culture of demosponges. Journal of Biotechnology, 2003, 100, 119-125.	3.8	34
61	A Novel Cyclopeptide from a Bacterium Associated with the Marine Sponge Ircinia muscarum. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2003, 58, 740-745.	1.4	26
62	New Peptide from a Bacterium Associated with Marine Sponge Ircinia muscarum. , 2002, , 335-340.		2
63	Development in a Primary Cell Culture of the Marine Sponge Ircinia muscarum and Analysis of the Polar Compounds. Marine Biotechnology, 2001, 3, 281-286.	2.4	23
64	Application of Cell Culture for the Production of Bioactive Compounds from Sponges:Â Synthesis of Avarol by Primmorphs fromDysideaavara. Journal of Natural Products, 2000, 63, 1077-1081.	3.0	91
65	A Î²-Amino Acid Containing Tripeptide from aPseudomonasâ^'AlteromonasBacterium Associated with a Black Sea Sponge. Journal of Natural Products, 2000, 63, 1454-1455.	3.0	11
66	A Novel C21 Terpene Lactone from the Sponge Fasciospongia Cavernosa. Tetrahedron, 1999, 55, 13805-13808.	1.9	16
67	A new dimethylscalarane derivative from the sponge Cacospongia scalaris. Tetrahedron, 1998, 54, 6185-6190.	1.9	16
68	Acylglucosyl isofucosterol from cell cultures of Lycopersicon esculentum. Phytochemistry, 1998, 48, 103-105.	2.9	2
69	Cavernosolide, a New Sesterterpene from a Tyrrhenian Spongeâ€. Journal of Natural Products, 1997, 60, 844-846.	3.0	29
70	Triterpenoids and sterol glucoside from cell cultures of Lycopersicon esculentum. Phytochemistry, 1997, 44, 861-864.	2.9	16
71	Aliphatic and aromatic glycosides from the cell cultures of Lycopersicon esculentum. Phytochemistry, 1996, 42, 1031-1034.	2.9	67
72	Polysaccharides from Wastes of Vegetable Industrial Processing: New Opportunities for Their Eco-Friendly Re-Use. , 0, , .		24