Giovanna Simonetti

List of Publications by Year
in descending order

54	1,221	304602	414303
papers	citations	22 h-index	32 g-index

54	54	54	1838
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Discovery of uracil-based histone deacetylase inhibitors able to reduce acquired antifungal resistance and trailing growth in Candida albicans. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 1221-1225.	1.0	84
2	Activity of caffeic acid derivatives against Candida albicans biofilm. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1502-1505.	1.0	58
3	Root cultures of Hypericum perforatum subsp. angustifolium elicited with chitosan and production of xanthone-rich extracts with antifungal activity. Applied Microbiology and Biotechnology, 2011, 91, 977-987.	1.7	50
4	Antifungal Activity of Phenolic and Polyphenolic Compounds from Different Matrices of Vitis vinifera L. against Human Pathogens. Molecules, 2020, 25, 3748.	1.7	47
5	Antifungal Agents. 9. 3-Aryl-4-[.alpha.-(1H-imidazol-1-yl)arylmethyl]pyrroles: A New Class of Potent Anti-Candida Agents. Journal of Medicinal Chemistry, 1995, 38, 4223-4233.	2.9	44
6	Histone deacetylase inhibitors may reduce pathogenicity and virulence inCandida albicans. FEMS Yeast Research, 2007, 7, 1371-1380.	1.1	44
7	Non-Cancer Uses of Histone Deacetylase Inhibitors: Effects on Infectious Diseases and β-Hemoglobinopathies+. Current Topics in Medicinal Chemistry, 2009, 9, 272-291.	1.0	44
8	Plant tissue electrode for the determination of atrazine. Analytica Chimica Acta, 1995, 316, 79-82.	2.6	41
9	Xanthones from roots, hairy roots and cell suspension cultures of selected Hypericum species and their antifungal activity against Candida albicans. Plant Cell Reports, 2015, 34, 1953-1962.	2.8	39
10	In vitroantifungal activity of extracts obtained fromHypericum perforatumadventitious roots cultured in a mist bioreactor against planktonic cells and biofilm ofMalassezia furfur. Natural Product Research, 2016, 30, 544-550.	1.0	39
11	A multi-methodological approach in the study of Italian PDO â€œCornetto di Pontecorvoâ€•red sweet pepper. Food Chemistry, 2018, 255, 120-131.	4.2	38
12	Synthesis and antifungal activity of a new series of 2-(1H-imidazol-1-yl)-1-phenylethanol derivatives. European Journal of Medicinal Chemistry, 2012, 49, 334-342.	2.6	36
13	MC1568 inhibits HDAC6/8 activity and influenza A virus replication in lung epithelial cells: role of Hsp90 acetylation. Future Medicinal Chemistry, 2016, 8, 2017-2031.	1.1	33
14	Polyphenols from Lycium barbarum (Goji) Fruit European Cultivars at Different Maturation Steps: Extraction, HPLC-DAD Analyses, and Biological Evaluation. Antioxidants, 2019, 8, 562.	2.2	33
15	Evaluation of Anti-CandidaActivity ofVitis viniferaL. Seed Extracts Obtained from Wine and Table Cultivars. BioMed Research International, 2014, 2014, 1-11.	0.9	32
16	Searching for new agents active against Candida albicans biofilm: A series of indole derivatives, design, synthesis and biological evaluation. European Journal of Medicinal Chemistry, 2019, 165, 93-106.	2.6	28
17	Anti-Candida Biofilm Activity of Pterostilbene or Crude Extract from Non-Fermented Grape Pomace Entrapped in Biopolymeric Nanoparticles. Molecules, 2019, 24, 2070.	1.7	26
18	Bioassay-guided fractionation of extracts from Hypericum perforatum inÂvitro roots treated with carboxymethylchitosans and determination of antifungal activity against human fungal pathogens. Plant Physiology and Biochemistry, 2013, 70, 342-347.	2.8	25

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19	Phytochemical and biological characterization of Italian â€œsedano bianco di Sperlongaâ€•Protected Geographical Indication celery ecotype: A multimethodological approach. Food Chemistry, 2020, 309, 125649.	4.2	25
20	Cholinesterase based bioreactor for determination of pesticides. Sensors and Actuators B: Chemical, 1994, 19, 689-693.	4.0	24
21	Chemical composition and antifungal activity ofHypericum perforatumsubsp.angustifoliumroots from wild plants and plants grown under controlled conditions. Plant Biosystems, 2013, 147, 557-562.	0.8	23
22	The Effect of Poly (Glycerol Sebacate) Incorporation within Hybrid Chitinâ€“Lignin Solâ€“Gel Nanofibrous Scaffolds. Materials, 2018, 11, 451.	1.3	23
23	Exploring the anti-biofilm activity of cinnamic acid derivatives in Candida albicans. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 5931-5935.	1.0	22
24	Antifungal activity of Mongolian medicinal plant extracts. Natural Product Research, 2020, 34, 449-455.	1.0	21
25	Propyl gallate increases in vitro antifungal imidazole activity against Candida albicans. International Journal of Antimicrobial Agents, 2000, 16, 73-76.	1.1	20
26	A three-step culture system to increase the xanthone production and antifungal activity of Hypericum perforatum subsp. angustifolium inÂvitro roots. Plant Physiology and Biochemistry, 2012, 57, 54-58.	2.8	20
27	Antiâ€Ðermatophyte and Antiâ€Malassezia Activity of Extracts Rich in Polymeric Flavanâ€3â€ols Obtained from Vitis vinifera Seeds. Phytotherapy Research, 2017, 31, 124-131.	2.8	20
28	Chitosan oligosaccharides affect xanthone and VOC biosynthesis in Hypericum perforatum root cultures and enhance the antifungal activity of root extracts. Plant Cell Reports, 2018, 37, 1471-1484.	2.8	20
29	In vitro biofilms and antifungal susceptibility of dermatophyte and nonâ€dermatophyte moulds involved in foot mycosis. Mycoses, 2018, 61, 79-87.	1.8	19
30	Chemical Composition and Bio-efficacy of Essential Oils from Italian Aromatic Plants: Mentha suaveolens, Coridothymus capitatus, Origanum hirtum and Rosmarinus officinalis. Natural Product Communications, 2016, 11, 1934578X1601101.	0.2	17
31	Synthesis, biological evaluation and structureâ€“activity correlation study of a series of imidazol-based compounds as Candida albicans inhibitors. European Journal of Medicinal Chemistry, 2014, 83, 665-673.	2.6	15
32	A novel approach to control Botrytis cinerea fungal infections: uptake and biological activity of antifungals encapsulated in nanoparticle based vectors. Scientific Reports, 2022, 12, 7989.	1.6	15
33	Contact imidazole activity against resistant bacteria and fungi. International Journal of Antimicrobial Agents, 2001, 17, 389-393.	1.1	14
34	Anti-Candida albicans biofilm activity of extracts from two selected indigenous Algerian plants: Clematis flammula and Fraxinus angustifolia. Journal of Herbal Medicine, 2020, 20, 100319.	1.0	14
35	Synthesis of Cyclic Imides (Methylphtalimides, Carboxylic Acid Phtalimides and Itaconimides) and Evaluation of their Antifungal Potential. Medicinal Chemistry, 2016, 12, 647-654.	0.7	14
36	Research on antibacterial and antifungal agents. 16. Synthesis and antifungal activities of 1-[Î±-(1-naphthyl)benzyl]imidazole derivatives and related 2-naphthyl isomers. European Journal of Medicinal Chemistry, 1992, 27, 693-699.	2.6	13

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37	Solid Lipid Nanoparticles as Effective Reservoir Systems for Long-Term Preservation of Multidose Formulations. AAPS PharmSciTech, 2013, 14, 847-853.	1.5	13
38	Towards a new application of amaranth seed oil as an agent against Candida albicans. Natural Product Research, 2021, 35, 4621-4626.	1.0	13
39	Researches on Antibacterial and Antifungal Agents, XIV: Thiophene Analogues of Bifonazole. Archiv Der Pharmazie, 1992, 325, 199-204.	2.1	12
40	Increase of activity of tioconazole against resistant microorganisms by the addition of butylated hydroxyanisole. International Journal of Antimicrobial Agents, 2003, 22, 439-443.	1.1	12
41	Chemico-Biological Characterization of Torpedino Di FondiÂ® Tomato Fruits: A Comparison with San Marzano Cultivar at Two Ripeness Stages. Antioxidants, 2020, 9, 1027.	2.2	12
42	Add-on of aripiprazole improves outcome in clozapine-resistant schizophrenia. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1112-1116.	2.5	11
43	Influenza A Virus Infection of Intestinal Epithelial Cells Enhances the Adhesion Ability of Crohnâ€™s Disease Associated Escherichia coli Strains. PLoS ONE, 2015, 10, e0117005.	1.1	11
44	In vitro antimicrobial activity of plant extracts against Pseudomonas syringae pv. actinidiae causal agent of bacterial canker in kiwifruit. Plant Biosystems, 2020, 154, 100-106.	0.8	10
45	Phenolic content and in vitro antifungal activity of unripe grape extracts from agro-industrial wastes. Natural Product Research, 2019, 33, 803-807.	1.0	8
46	Design, synthesis and biological evaluation of a series of iron and copper chelating deferiprone derivatives as new agents active against Candida albicans. Bioorganic and Medicinal Chemistry Letters, 2021, 42, 128087.	1.0	7
47	Valorization of Kiwi Peels: Fractionation, Bioactives Analyses and Hypotheses on Complete Peels Recycle. Foods, 2022, 11, 589.	1.9	7
48	Prenylated flavonoids and total extracts from Morus nigra L. root bark inhibit in vitro growth of plant pathogenic fungi. Plant Biosystems, 2017, 151, 783-787.	0.8	6
49	The Inhibitory Action of Fluconazole on Yeast-to-Mycelial Phase Conversion in Candida albicans. Drug Investigation, 1992, 4, 15-19.	0.6	5
50	Health Potential of Clery Strawberries: Enzymatic Inhibition and Anti-Candida Activity Evaluation. Molecules, 2021, 26, 1731.	1.7	5
51	Antibacterial and Antifungal Agents, XV: Synthesis and Antifungal Activity of Structural Analogues of Bifonazole and Ketoconazole. Archiv Der Pharmazie, 1992, 325, 687-694.	2.1	3
52	Susceptibility assays of Candida tropicalis to miconazole. Journal of Microbiological Methods, 1997, 30, 221-229.	0.7	3
53	Efficient Electrochemical N-Alkylation of N-Boc-Protected 4-Aminopyridines: Towards New Biologically Active Compounds. ISRN Organic Chemistry, 2014, 2014, 1-10.	1.0	3
54	Plant Products with Antifungal Activity: From Field to Biotechnology Strategies. , 2018, , 35-71.		0