

Dezemonna Petrelli

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

1,808
citations

293460

24
h-index

340414

39
g-index

70
all docs

70
docs citations

70
times ranked

3049
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring breathability and bacterial filtration efficiency of face masks in the pandemic context: A round robin study with proficiency testing among non-accredited laboratories. Measurement: Journal of the International Measurement Confederation, 2022, 189, 110481.	2.5	10
2	Bacterial Symbionts in <i>Ceratitis capitata</i> . Insects, 2022, 13, 474.	1.0	7
3	Testing Surgical Face Masks in an Emergency Context: The Experience of Italian Laboratories during the COVID-19 Pandemic Crisis. International Journal of Environmental Research and Public Health, 2021, 18, 1462.	1.2	17
4	Draft genome of an extremely drug-resistant st551 <i>Staphylococcus pseudintermedius</i> from an Italian dog with otitis externa. Journal of Global Antimicrobial Resistance, 2021, 25, 107-109.	0.9	1
5	Structure/activity virtual screening and in vitro testing of small molecule inhibitors of 8-hydroxy-5-deazaflavin:NADPH oxidoreductase from gut methanogenic bacteria. Scientific Reports, 2020, 10, 13150.	1.6	9
6	The volatile oils from the oleo-gum-resins of <i>Ferula assa-foetida</i> and <i>Ferula gummosa</i> : A comprehensive investigation of their insecticidal activity and eco-toxicological effects. Food and Chemical Toxicology, 2020, 140, 111312.	1.8	39
7	Secondary metabolites, secretory structures and biological activity of water celery (<i>Apium</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.8	12
8	Exploring new applications of tulip tree (<i>Liriodendron tulipifera</i> L.): leaf essential oil as apoptotic agent for human glioblastoma. Environmental Science and Pollution Research, 2019, 26, 30485-30497.	2.7	15
9	Quaternary Ammonium Leucine-Based Surfactants: The Effect of a Benzyl Group on Physicochemical Properties and Antimicrobial Activity. Pharmaceutics, 2019, 11, 287.	2.0	19
10	Bioactivity and Structural Properties of Novel Synthetic Analogues of the Protozoan Toxin Climacostol. Toxins, 2019, 11, 42.	1.5	7
11	Quaternary ammonium surfactants derived from leucine and methionine: Novel challenging surface active molecules with antimicrobial activity. Journal of Molecular Liquids, 2019, 283, 249-256.	2.3	24
12	A New Species of the $\hat{3}$ -Proteobacterium <i>Francisella</i> , <i>F. adeliensis</i> Sp. Nov., Endocytobiont in an Antarctic Marine Ciliate and Potential Evolutionary Forerunner of Pathogenic Species. Microbial Ecology, 2019, 77, 587-596.	1.4	22
13	High virulence gene diversity in <i>Streptococcus pyogenes</i> isolated in Central Italy. PeerJ, 2019, 7, e6613.	0.9	4
14	Antidiabetic \hat{e} gliptins \hat{e} affect biofilm formation by <i>Streptococcus mutans</i> . Microbiological Research, 2018, 209, 79-85.	2.5	6
15	Microbiological evaluation of ready-to-eat iceberg lettuce during shelf-life and effectiveness of household washing methods. Italian Journal of Food Safety, 2018, 7, 6913.	0.5	7
16	Phylogenetic relationships, biofilm formation, motility, antibiotic resistance and extended virulence genotypes among <i>Escherichia coli</i> strains from women with community-onset primitive acute pyelonephritis. PLoS ONE, 2018, 13, e0196260.	1.1	25
17	Phenolic acids, antioxidant and antiproliferative activities of Naviglio \hat{A} extracts from <i>Schizogyne sericea</i> (Asteraceae). Natural Product Research, 2017, 31, 515-522.	1.0	17
18	Multiplex PCR-based identification of <i>Streptococcus canis</i> , <i>Streptococcus zooepidemicus</i> and <i>Streptococcus dysgalactiae</i> subspecies from dogs. Comparative Immunology, Microbiology and Infectious Diseases, 2017, 50, 48-53.	0.7	11

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19	Antimicrobial and antioxidant activity of the essential oil from the Carpathian <i>Thymus alternans</i> Klokov. <i>Natural Product Research</i> , 2017, 31, 1121-1130.	1.0	14
20	High prevalence of clonally diverse spa type t026 <i>Staphylococcus aureus</i> contaminating rural eggshells. <i>Journal of Medical Microbiology</i> , 2017, 66, 1196-1201.	0.7	4
21	Biological Activities of the Essential Oil from <i>Erigeron floribundus</i> . <i>Molecules</i> , 2016, 21, 1065.	1.7	23
22	Genotypic and phenotypic heterogeneity in <i>Streptococcus mutans</i> isolated from diabetic patients in Rome, Italy. <i>SpringerPlus</i> , 2016, 5, 1794.	1.2	4
23	Bioactive Secondary Metabolites from <i>Schizogyne asericea</i> (Asteraceae) Endemic to Canary Islands. <i>Chemistry and Biodiversity</i> , 2016, 13, 826-836.	1.0	8
24	Transcriptome Remodeling Contributes to Epidemic Disease Caused by the Human Pathogen <i>Streptococcus pyogenes</i> . <i>MBio</i> , 2016, 7, .	1.8	47
25	A yeast strain associated to Anopheles mosquitoes produces a toxin able to kill malaria parasites. <i>Malaria Journal</i> , 2016, 15, 21.	0.8	38
26	Correlation between genetic features of the <i>mef</i> (A)- <i>msr</i> (D) locus and erythromycin resistance in <i>Streptococcus pyogenes</i> . <i>Diagnostic Microbiology and Infectious Disease</i> , 2016, 84, 57-62.	0.8	11
27	Diverse biological effects of the essential oil from Iranian <i>Trachyspermum ammi</i> . <i>Arabian Journal of Chemistry</i> , 2016, 9, 775-786.	2.3	91
28	Blue honeysuckle fruit (<i>Lonicera caerulea</i> L.) from eastern Russia: phenolic composition, nutritional value and biological activities of its polar extracts. <i>Food and Function</i> , 2016, 7, 1892-1903.	2.1	40
29	Molecular cloning and biochemical characterization of Xaa-Pro dipeptidyl-peptidase from <i>Streptococcus mutans</i> and its inhibition by anti-human DPP IV drugs. <i>FEMS Microbiology Letters</i> , 2016, 363, fnw066.	0.7	5
30	Mexican sunflower (<i>Tithonia diversifolia</i> , Asteraceae) volatile oil as a selective inhibitor of <i>Staphylococcus aureus</i> nicotinate mononucleotide adenylyltransferase (NadD). <i>Industrial Crops and Products</i> , 2016, 85, 181-189.	2.5	24
31	DNA and BSA binding, anticancer and antimicrobial properties of Co(<i>ii</i>), Co(<i>ii</i>)/ <i>iii</i> , Cu(<i>ii</i>) and Ag(<i>i</i>) complexes of arylhydrazones of barbituric acid. <i>RSC Advances</i> , 2016, 6, 4237-4249.	1.7	18
32	Essential oil composition and biological activity from <i>Artemisia caerulescens</i> subsp. <i>densiflora</i> (Viv.) Gamisans ex Kerguelen & Lambinon (Asteraceae), an endemic species in the habitat of La Maddalena Archipelago. <i>Natural Product Research</i> , 2016, 30, 1802-1809.	1.0	19
33	Decline in macrolide resistance rates among <i>Streptococcus pyogenes</i> causing pharyngitis in children isolated in Italy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2015, 34, 1797-1802.	1.3	13
34	Essential oil composition, polar compounds, glandular trichomes and biological activity of <i>Hyssopus officinalis</i> subsp. <i>aristatus</i> (Godr.) Nyman from central Italy. <i>Industrial Crops and Products</i> , 2015, 77, 353-363.	2.5	61
35	Syntheses, Structures, and Antimicrobial Activity of New Remarkably Light-Stable and Water-Soluble Tris(pyrazolyl)methanesulfonate Silver(I) Derivatives of <i>N</i> -Methyl-1,3,5-triaza-7-phosphaadamantane Salt - [mPTA]BF ₄ . <i>Inorganic Chemistry</i> , 2015, 54, 434-440.	1.9	47
36	Phytochemical analysis and in vitro biological activity of three <i>Hypericum</i> species from the Canary Islands (<i>Hypericum reflexum</i> , <i>Hypericum canariense</i> and <i>Hypericum grandifolium</i>). <i>FÄ-toterapÄ-t</i> , 2015, 100, 95-109.	1.1	61

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37	Pulsed Field Gel Electrophoresis of Group A Streptococci. <i>Methods in Molecular Biology</i> , 2015, 1301, 129-138.	0.4	2
38	Characterization of levofloxacin non-susceptible clinical <i>Streptococcus pyogenes</i> isolated in the central part of Italy. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2014, 33, 241-244.	1.3	7
39	Antimicrobial, antioxidant, anti-inflammatory activities and phytoconstituents of extracts from the roots of <i>Dissotis thollonii</i> Cogn. (Melastomataceae). <i>South African Journal of Botany</i> , 2014, 93, 19-26.	1.2	34
40	<i>In vitro</i> Biological Activities of Seed Essential Oils from the Cameroonian Spices <i>Afrostryax lepidophyllus</i> Mildbr. and <i>Scorodophloeus zenkeri</i> Harms Rich in Sulfur-Containing Compounds. <i>Chemistry and Biodiversity</i> , 2014, 11, 161-169.	1.0	32
41	Steroidal saponins from the leaves of <i>Cordyline fruticosa</i> (L.) A. Chev. and their cytotoxic and antimicrobial activity. <i>Phytochemistry Letters</i> , 2014, 7, 62-68.	0.6	48
42	Volatile oil from striped African pepper (<i>Xylopiaparviflora</i> , Annonaceae) possesses notable chemopreventive, anti-inflammatory and antimicrobial potential. <i>Food Chemistry</i> , 2014, 149, 183-189.	4.2	41
43	Composition and biological activities of hogweed [<i>Heracleum sphondylium</i> L. subsp. <i>ternatum</i> (Velen.) Brummitt] essential oil and its main components octyl acetate and octyl butyrate. <i>Natural Product Research</i> , 2014, 28, 1354-1363.	1.0	32
44	Diversity of antibiotic resistance genes and staphylococcal cassette chromosome mec elements in faecal isolates of coagulase-negative staphylococci from Nigeria. <i>BMC Microbiology</i> , 2014, 14, 106.	1.3	27
45	Characterization of Secondary Metabolites, Biological Activity and Glandular Trichomes of <i>Stachys tymphaea</i> Hausskn. from the Monti Sibillini National Park (Central Italy). <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 1107-1114.	1.0	10
46	Phytochemical analysis, biological evaluation and micromorphological study of <i>Stachys alopecuroides</i> (L.) Benth. subsp. <i>divulsa</i> (Ten.) Grande endemic to central Apennines, Italy. <i>Phytochemistry</i> , 2013, 90, 94-103.	1.1	53
47	<i>In vitro</i> biological activity of essential oils and isolated furanosesquiterpenes from the neglected vegetable <i>Smyrniolum olusatrum</i> L. (Apiaceae). <i>Food Chemistry</i> , 2013, 138, 808-813.	4.2	48
48	New water-soluble polypyridine silver(I) derivatives of 1,3,5-triazolo-7-phosphadamtane (PTA) with significant antimicrobial and antiproliferative activities. <i>Dalton Transactions</i> , 2013, 42, 6572.	1.6	80
49	Chemical Composition and <i>In vitro</i> Biological Activities of the Essential Oil of <i>Vepris macrophylla</i> (Baker) I. Verd. Endemic to Madagascar. <i>Chemistry and Biodiversity</i> , 2013, 10, 356-366.	1.0	28
50	Chemical Composition and Biological Activities of the Essential Oil of <i>Athanasia brownii</i> (Hochr.) Endemic to Madagascar. <i>Chemistry and Biodiversity</i> , 2013, 10, 1876-1886.	1.0	23
51	Antioxidant, Antiproliferative and Antimicrobial Activities of the Volatile Oil from the Wild Pepper <i>Piper capense</i> Used in Cameroon as a Culinary Spice. <i>Natural Product Communications</i> , 2013, 8, 1934-1941.	0.2	19
52	Antioxidant, antiproliferative and antimicrobial activities of the volatile oil from the wild pepper <i>Piper capense</i> used in Cameroon as a culinary spice. <i>Natural Product Communications</i> , 2013, 8, 1791-6.	0.2	15
53	The antibiotic Furvina® targets the P-site of 30S ribosomal subunits and inhibits translation initiation displaying start codon bias. <i>Nucleic Acids Research</i> , 2012, 40, 10366-10374.	6.5	26
54	<i>In vitro</i> antibacterial activity of different adenosine analogues. <i>Journal of Medical Microbiology</i> , 2012, 61, 525-528.	0.7	14

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55	InÂvitro biological activities of the essential oil from the "resurrection plant" <i>Myrothamnus moschatus</i> (Baillon) Niedenzu endemic to Madagascar. <i>Natural Product Research</i> , 2012, 26, 2291-2300.	1.0	24
56	Antimicrobial activity of the protozoan toxin climacostol and its derivatives. <i>Biologia (Poland)</i> , 2012, 67, 525-529.	0.8	24
57	Characterization and biological activity of essential oils from fruits of <i>Zanthoxylum xanthoxyloides</i> Lam. and <i>Z. leprieurii</i> Guill. & Perr., two culinary plants from Cameroon. <i>Flavour and Fragrance Journal</i> , 2012, 27, 171-179.	1.2	25
58	A study on erm(B)-mediated MLS resistance in <i>Streptococcus pyogenes</i> clinical isolates. <i>Diagnostic Microbiology and Infectious Disease</i> , 2011, 70, 387-394.	0.8	2
59	Synthesis, Antimicrobial and Antiproliferative Activity of Novel Silver(I) Tris(pyrazolyl)methanesulfonate and 1,3,5-Triaza-7-phosphadamantane Complexes. <i>Inorganic Chemistry</i> , 2011, 50, 11173-11183.	1.9	77
60	Two Distinct Genetic Elements Are Responsible for erm (TR)-Mediated Erythromycin Resistance in Tetracycline-Susceptible and Tetracycline-Resistant Strains of <i>Streptococcus pyogenes</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2011, 55, 2106-2112.	1.4	36
61	Lysogenic Transfer of mef (A) and tet (O) Genes Carried by ϕ m46.1 among Group A Streptococci. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4464-4466.	1.4	22
62	Distribution of Phage-Associated Virulence Genes in Pharyngeal Group A Streptococcal Strains Isolated in Italy. <i>Journal of Clinical Microbiology</i> , 2009, 47, 1575-1577.	1.8	4
63	Analysis of methicillin-susceptible and methicillin-resistant biofilm-forming <i>Staphylococcus aureus</i> from catheter infections isolated in a large Italian hospital. <i>Journal of Medical Microbiology</i> , 2008, 57, 364-372.	0.7	35
64	Analysis of different genetic traits and their association with biofilm formation in <i>Staphylococcus epidermidis</i> isolates from central venous catheter infections. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2006, 25, 773-781.	1.3	51
65	Distribution of mef(A)-containing genetic elements in erythromycin-resistant isolates of <i>Streptococcus pyogenes</i> from Italy. <i>Clinical Microbiology and Infection</i> , 2005, 11, 927-930.	2.8	15
66	Activity of Ceftibuten, Cefaclor, Azithromycin, Clarithromycin, Erythromycin and Telithromycin against <i>Streptococcus pyogenes</i> Clinical Isolates with Different Genotypes and Phenotypes. <i>Chemotherapy</i> , 2005, 51, 268-271.	0.8	7
67	Mapping the Active Sites of Bacterial Translation Initiation Factor IF3. <i>Journal of Molecular Biology</i> , 2003, 331, 541-556.	2.0	21
68	Translation initiation factor IF3: two domains, five functions, one mechanism?. <i>EMBO Journal</i> , 2001, 20, 4560-4569.	3.5	101