

Amalia Porta

List of Publications by Year in descending order

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68
papers

2,200
citations

201575

27
h-index

233338

45
g-index

68
all docs

68
docs citations

68
times ranked

3178
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Environmental pH on Morphological Development of <i>Candida albicans</i> Is Mediated via the PacC-Related Transcription Factor Encoded by PRR2. <i>Journal of Bacteriology</i> , 1999, 181, 7524-7530.	1.0	156
2	Plasma membranes as heat stress sensors: From lipid-controlled molecular switches to therapeutic applications. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1594-1618.	1.4	115
3	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 123-149.	2.9	107
4	PRR1, a Homolog of <i>Aspergillus nidulans</i> palF, Controls pH-Dependent Gene Expression and Filamentation in <i>Candida albicans</i> . <i>Journal of Bacteriology</i> , 1999, 181, 7516-7523.	1.0	105
5	Myeloid-derived suppressor cells contribute to A2B adenosine receptor-induced VEGF production and angiogenesis in a mouse melanoma model. <i>Oncotarget</i> , 2015, 6, 27478-27489.	0.8	95
6	Dominant Active Alleles of RIM101 (PRR2) Bypass the pH Restriction on Filamentation of <i>Candida albicans</i> . <i>Molecular and Cellular Biology</i> , 2000, 20, 4635-4647.	1.1	94
7	New Arylthioindoles and Related Bioisosteres at the Sulfur Bridging Group. 4. Synthesis, Tubulin Polymerization, Cell Growth Inhibition, and Molecular Modeling Studies. <i>Journal of Medicinal Chemistry</i> , 2009, 52, 7512-7527.	2.9	87
8	Design and Synthesis of 2-Heterocycl-3-arylthio-1 <i>H</i> -indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8394-8406.	2.9	70
9	Identification of the Spiro(oxindole-3,3-thiazolidine)-Based Derivatives as Potential p53 Activity Modulators. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8319-8329.	2.9	69
10	Nanospray technology for an in situ gelling nanoparticulate powder as a wound dressing. <i>International Journal of Pharmaceutics</i> , 2014, 473, 30-37.	2.6	65
11	In situ forming antibacterial dextran blend hydrogel for wound dressing: SAA technology vs. spray drying. <i>Carbohydrate Polymers</i> , 2014, 101, 1216-1224.	5.1	65
12	Genes involved in \hat{I}^2 -oxidation, energy metabolism and glyoxylate cycle are induced by <i>Candida albicans</i> during macrophage infection. <i>Yeast</i> , 2003, 20, 723-730.	0.8	63
13	Screening of a polar extract of <i>Paeonia rockii</i> : Composition and antioxidant and antifungal activities. <i>Journal of Ethnopharmacology</i> , 2011, 138, 705-712.	2.0	59
14	Design and production of gentamicin/dextran microparticles by supercritical assisted atomisation for the treatment of wound bacterial infections. <i>International Journal of Pharmaceutics</i> , 2013, 440, 188-194.	2.6	55
15	Annexin A1 May Induce Pancreatic Cancer Progression as a Key Player of Extracellular Vesicles Effects as Evidenced in the In Vitro MIA PaCa-2 Model System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3878.	1.8	52
16	An Homologue of the Human 100-kDa Protein (p100) Is Differentially Expressed by <i>Histoplasma capsulatum</i> during Infection of Murine Macrophages. <i>Biochemical and Biophysical Research Communications</i> , 1999, 254, 605-613.	1.0	48
17	HRMS Profile of a Hazelnut Skin Proanthocyanidin-rich Fraction with Antioxidant and Anti- <i>Candida albicans</i> Activities. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 585-595.	2.4	46
18	Cl α IB α MECA enhances TRAIL α induced apoptosis via the modulation of NF α CB signalling pathway in thyroid cancer cells. <i>Journal of Cellular Physiology</i> , 2009, 221, 378-386.	2.0	40

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19	Small azobenzene derivatives active against bacteria and fungi. <i>European Journal of Medicinal Chemistry</i> , 2013, 68, 178-184.	2.6	39
20	Haptoglobin transport into human ovarian follicles and its binding to apolipoprotein A-1. <i>Zygote</i> , 1999, 7, 67-77.	0.5	38
21	Structure Modification of an Active Azo-Compound as a Route to New Antimicrobial Compounds. <i>Molecules</i> , 2017, 22, 875.	1.7	36
22	Technological properties and enhancement of antifungal activity of a <i>Paeonia rockii</i> extract encapsulated in a chitosan-based matrix. <i>Journal of Food Engineering</i> , 2014, 120, 260-267.	2.7	34
23	Identification and isolation by DDRT-PCR of genes differentially expressed by <i>Histoplasma capsulatum</i> during macrophages infection. <i>Microbial Pathogenesis</i> , 1998, 25, 55-66.	1.3	32
24	Annexin A1 Contained in Extracellular Vesicles Promotes the Activation of Keratinocytes by Mesoglycan Effects: An Autocrine Loop Through FPRs. <i>Cells</i> , 2019, 8, 753.	1.8	32
25	Activation of the A2B adenosine receptor in B16 melanomas induces CXCL12 expression in FAP-positive tumor stromal cells, enhancing tumor progression. <i>Oncotarget</i> , 2016, 7, 64274-64288.	0.8	31
26	Gentamicin and leucine inhalable powder: What about antipseudomonal activity and permeation through cystic fibrosis mucus?. <i>International Journal of Pharmaceutics</i> , 2013, 440, 250-255.	2.6	29
27	Biodegradable antimicrobial films based on poly(lactic acid) matrices and active azo compounds. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	29
28	TiO ₂ nanoparticle coatings with advanced antibacterial and hydrophilic properties prepared by flame aerosol synthesis and thermophoretic deposition. <i>Surface and Coatings Technology</i> , 2018, 349, 830-837.	2.2	28
29	Mesoglycan induces the secretion of microvesicles by keratinocytes able to activate human fibroblasts and endothelial cells: A novel mechanism in skin wound healing. <i>European Journal of Pharmacology</i> , 2020, 869, 172894.	1.7	27
30	Annexin A1 Released in Extracellular Vesicles by Pancreatic Cancer Cells Activates Components of the Tumor Microenvironment, through Interaction with the Formyl-Peptide Receptors. <i>Cells</i> , 2020, 9, 2719.	1.8	27
31	Novel antimicrobial polymer films active against bacteria and fungi. <i>Polymer Composites</i> , 2013, 34, 1489-1492.	2.3	25
32	New Nucleotide-Competitive Non-Nucleoside Inhibitors of Terminal Deoxynucleotidyl Transferase: Discovery, Characterization, and Crystal Structure in Complex with the Target. <i>Journal of Medicinal Chemistry</i> , 2013, 56, 7431-7441.	2.9	24
33	Phytochemistry of compounds isolated from the leaf-surface extract of <i>Psiadia punctulata</i> (DC.) Vatke growing in Saudi Arabia. <i>Phytochemistry</i> , 2018, 155, 191-202.	1.4	24
34	Bio-Nano-Composite Materials Constructed With Single Cells and Carbon Nanotubes: Mechanical, Electrical, and Optical Properties. <i>IEEE Nanotechnology Magazine</i> , 2013, 12, 1026-1030.	1.1	23
35	Experimental antibacterial therapy with puroindolines, lactoferrin and lysozyme in <i>Listeria monocytogenes</i> -infected mice. <i>Microbes and Infection</i> , 2010, 12, 538-545.	1.0	21
36	<i>Candida albicans</i> /MWCNTs: A Stable Conductive Bio-Nanocomposite and Its Temperature-Sensing Properties. <i>IEEE Nanotechnology Magazine</i> , 2013, 12, 111-114.	1.1	20

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37	Antifungal activity of azole compounds CPA18 and CPA109 against azole-susceptible and -resistant strains of <i>Candida albicans</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2013, 68, 1111-1119.	1.3	17
38	<i>Candida albicans</i> CTN gene family is induced during macrophage infection: homology, disruption and phenotypic analysis of CTN3 gene. <i>Fungal Genetics and Biology</i> , 2004, 41, 783-793.	0.9	16
39	Genetic Modification of the <i>Salmonella</i> Membrane Physical State Alters the Pattern of Heat Shock Response. <i>Journal of Bacteriology</i> , 2010, 192, 1988-1998.	1.0	16
40	Evaluation of Antimicrobial Activity of Triphala Constituents and Nanoformulation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-11.	0.5	16
41	Changes in Membrane Fluid State and Heat Shock Response Cause Attenuation of Virulence. <i>Journal of Bacteriology</i> , 2010, 192, 1999-2005.	1.0	15
42	Gastric TFF1 Expression from Acute to Chronic <i>Helicobacter</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 434.	1.8	15
43	Heparan sulfate binds the extracellular Annexin A1 and blocks its effects on pancreatic cancer cells. <i>Biochemical Pharmacology</i> , 2020, 182, 114252.	2.0	14
44	Exploiting the 4-Phenylquinazoline Scaffold for the Development of High Affinity Fluorescent Probes for the Translocator Protein (TSPO). <i>Journal of Medicinal Chemistry</i> , 2017, 60, 7897-7909.	2.9	13
45	A Novel Vitamin E TPGS-Based Formulation Enhances Chlorhexidine Bioavailability in Corneal Layers. <i>Pharmaceutics</i> , 2020, 12, 642.	2.0	13
46	Spontaneous second-site suppressors of the filamentation defect of <i>prp11</i> mutants define a critical domain of Rim101p in <i>Candida albicans</i> . <i>Molecular Genetics and Genomics</i> , 2001, 266, 624-631.	1.0	12
47	A Novel Three-Polysaccharide Blend In Situ Gelling Powder for Wound Healing Applications. <i>Pharmaceutics</i> , 2021, 13, 1680.	2.0	12
48	A novel quinone-based derivative (DTNQ-Pro) induces apoptotic death via modulation of heat shock protein expression in <i>Caco-2</i> cells. <i>British Journal of Pharmacology</i> , 2010, 160, 931-940.	2.7	11
49	Effects of azole treatments on the physical properties of <i>Candida albicans</i> plasma membrane: A spin probe EPR study. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 465-473.	1.4	11
50	Mesoglycan exerts its fibrinolytic effect through the activation of annexin A2. <i>Journal of Cellular Physiology</i> , 2021, 236, 4926-4943.	2.0	11
51	Synthesis of ascorbate and urate in the ovary of water buffalo. <i>Free Radical Research</i> , 2001, 35, 233-243.	1.5	10
52	The promising pro-healing role of the association of mesoglycan and lactoferrin on skin lesions. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105886.	1.9	10
53	Aerodynamic properties, solubility and in vitro antibacterial efficacy of dry powders prepared by spray drying: Clarithromycin versus its hydrochloride salt. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2016, 104, 1-6.	2.0	9
54	Study of the Interaction of a Novel Semi-Synthetic Peptide with Model Lipid Membranes. <i>Membranes</i> , 2020, 10, 294.	1.4	9

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55	Homology, disruption and phenotypic analysis of CaGS <i>Candida albicans</i> gene induced during macrophage infection. <i>FEMS Immunology and Medical Microbiology</i> , 2005, 45, 471-478.	2.7	8
56	<i>Helicobacter pylori</i> Pathogen-Associated Molecular Patterns: Friends or Foes?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3531.	1.8	8
57	Cloning and characterization of a Δ^9 -desaturase gene of the Antarctic fish <i>Chionodraco hamatus</i> and <i>Trematomus bernacchii</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2013, 183, 379-392.	0.7	6
58	Comparative Evaluation of Antimicrobial, Antiamoebic, and Antiviral Efficacy of Ophthalmic Formulations. <i>Microorganisms</i> , 2022, 10, 1156.	1.6	6
59	Design and expression of peptides with antimicrobial activity against <i>Salmonella typhimurium</i> . <i>Cellular Microbiology</i> , 2017, 19, e12645.	1.1	5
60	Low copper availability limits <i>Helicobacter</i> infection in mice. <i>FEBS Journal</i> , 2020, 287, 2948-2960.	2.2	5
61	Antimicrobial Activity of TiO ₂ Coatings Prepared by Direct Thermophoretic Deposition of Flame-Synthesized Nanoparticles. <i>MRS Advances</i> , 2017, 2, 1493-1498.	0.5	4
62	The Procoagulant Activity of Emoxilane®: A New Appealing Therapeutic Use in Epistaxis of the Combination of Sodium Hyaluronate, Silver Salt, α -tocopherol and D-panthenol. <i>Life</i> , 2021, 11, 992.	1.1	4
63	Host response and <i>Histoplasma capsulatum</i> / macrophage molecular interactions. <i>Medical Mycology</i> , 2000, 38, 399-406.	0.3	4
64	TFF1 Induces Aggregation and Reduces Motility of <i>Helicobacter pylori</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 1851.	1.8	3
65	Interaction of Azole Compounds with DOPC and DOPC/Ergosterol Bilayers by Spin Probe EPR Spectroscopy: Implications for Antifungal Activity. <i>Journal of Physical Chemistry B</i> , 2013, 117, 11978-11987.	1.2	2
66	Cyborgs Structured with Carbon Nanotubes and Plant or Fungal Cells: Artificial Tissue Engineering for Mechanical and Electronic Uses. <i>Materials Research Society Symposia Proceedings</i> , 2013, 1572, 1.	0.1	2
67	Insertion of a 59 amino acid peptide in <i>Salmonella Typhimurium</i> membrane results in loss of virulence in mice. <i>FEBS Journal</i> , 2014, 281, 5043-5053.	2.2	2
68	Editorial on: Genetic Determinants and Prediction of Antibiotic Resistance Phenotypes in <i>Helicobacter pylori</i> . <i>Journal of Clinical Medicine</i> , 2020, 9, 2469.	1.0	1