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	Helicobacter pylori Pathogen-Associated Molecular Patterns: Friends or Foes?. International Journal of Molecular Sciences, 2022, 23, 3531.	1.8	8
2	Comparative Evaluation of Antimicrobial, Antiamoebic, and Antiviral Efficacy of Ophthalmic Formulations. Microorganisms, 2022, 10, 1156.	1.6	6
3	Mesoglycan exerts its fibrinolytic effect through the activation of annexin A2. Journal of Cellular Physiology, 2021, 236, 4926-4943.	2.0	11
4	TFF1 Induces Aggregation and Reduces Motility of Helicobacter pylori. International Journal of Molecular Sciences, 2021, 22, 1851.	1.8	3
5	The promising pro-healing role of the association of mesoglycan and lactoferrin on skin lesions. European Journal of Pharmaceutical Sciences, 2021, 163, 105886.	1.9	10
6	The Procoagulant Activity of EmoxilaneÂ®: A New Appealing Therapeutic Use in Epistaxis of the Combination of Sodium Hyaluronate, Silver Salt, Î±-tocopherol and D-panthenol. Life, 2021, 11, 992.	1.1	4
7	A Novel Three-Polysaccharide Blend In Situ Gelling Powder for Wound Healing Applications. Pharmaceutics, 2021, 13, 1680.	2.0	12
8	Mesoglycan induces the secretion of microvesicles by keratinocytes able to activate human fibroblasts and endothelial cells: A novel mechanism in skin wound healing. European Journal of Pharmacology, 2020, 869, 172894.	1.7	27
9	Low copper availability limits Helicobacter infection in mice. FEBS Journal, 2020, 287, 2948-2960.	2.2	5
10	Heparan sulfate binds the extracellular Annexin A1 and blocks its effects on pancreatic cancer cells. Biochemical Pharmacology, 2020, 182, 114252.	2.0	14
11	A Novel Vitamin E TPGS-Based Formulation Enhances Chlorhexidine Bioavailability in Corneal Layers. Pharmaceutics, 2020, 12, 642.	2.0	13
12	Evaluation of Antimicrobial Activity of Triphala Constituents and Nanoformulation. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-11.	0.5	16
13	Editorial on: Genetic Determinants and Prediction of Antibiotic Resistance Phenotypes in Helicobacter pylori. Journal of Clinical Medicine, 2020, 9, 2469.	1.0	1
14	Annexin A1 Released in Extracellular Vesicles by Pancreatic Cancer Cells Activates Components of the Tumor Microenvironment, through Interaction with the Formyl-Peptide Receptors. Cells, 2020, 9, 2719.	1.8	27
15	Study of the Interaction of a Novel Semi-Synthetic Peptide with Model Lipid Membranes. Membranes, 2020, 10, 294.	1.4	9
16	Annexin A1 Contained in Extracellular Vesicles Promotes the Activation of Keratinocytes by Mesoglycan Effects: An Autocrine Loop Through FPRs. Cells, 2019, 8, 753.	1.8	32
17	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. International Journal of Molecular Sciences, 2018, 19, 3878.	1.8	52
18	TIO2 nanoparticle coatings with advanced antibacterial and hydrophilic properties prepared by flame aerosol synthesis and thermophoretic deposition. Surface and Coatings Technology, 2018, 349, 830-837.	2.2	28

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19	Phytochemistry of compounds isolated from the leaf-surface extract of Psiadia punctulata (DC.) Vatke growing in Saudi Arabia. Phytochemistry, 2018, 155, 191-202.	1.4	24
20	Exploiting the 4-Phenylquinazoline Scaffold for the Development of High Affinity Fluorescent Probes for the Translocator Protein (TSPO). Journal of Medicinal Chemistry, 2017, 60, 7897-7909.	2.9	13
21	Antimicrobial Activity of TiO2 Coatings Prepared by Direct Thermophoretic Deposition of Flame-Synthesized Nanoparticles. MRS Advances, 2017, 2, 1493-1498.	0.5	4
22	Design and expression of peptides with antimicrobial activity againstSalmonellatyphimurium. Cellular Microbiology, 2017, 19, e12645.	1.1	5
23	Structure Modification of an Active Azo-Compound as a Route to New Antimicrobial Compounds. Molecules, 2017, 22, 875.	1.7	36
24	Gastric TFF1 Expression from Acute to Chronic Helicobacter Infection. Frontiers in Cellular and Infection Microbiology, 2017, 7, 434.	1.8	15
25	Aerodynamic properties, solubility and in vitro antibacterial efficacy of dry powders prepared by spray drying: Clarithromycin versus its hydrochloride salt. European Journal of Pharmaceutics and Biopharmaceutics, 2016, 104, 1-6.	2.0	9
26	HRMS Profile of a Hazelnut Skin Proanthocyanidin-rich Fraction with Antioxidant and Anti-Candida albicans Activities. Journal of Agricultural and Food Chemistry, 2016, 64, 585-595.	2.4	46
27	Activation of the A2B adenosine receptor in B16 melanomas induces CXCL12 expression in FAP-positive tumor stromal cells, enhancing tumor progression. Oncotarget, 2016, 7, 64274-64288.	0.8	31
28	Biodegradable antimicrobial films based on poly(lactic acid) matrices and active azo compounds. Journal of Applied Polymer Science, 2015, 132, .	1.3	29
29	Myeloid-derived suppressor cells contribute to A2B adenosine receptor-induced VEGF production and angiogenesis in a mouse melanoma model. Oncotarget, 2015, 6, 27478-27489.	0.8	95
30	Insertion of a 59 amino acid peptide in Salmonella Typhimurium membrane results in loss of virulence in mice. FEBS Journal, 2014, 281, 5043-5053.	2.2	2
31	Effects of azole treatments on the physical properties of Candida albicans plasma membrane: A spin probe EPR study. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 465-473.	1.4	11
32	Technological properties and enhancement of antifungal activity of a Paeonia rockii extract encapsulated in a chitosan-based matrix. Journal of Food Engineering, 2014, 120, 260-267.	2.7	34
33	Nanospray technology for an in situ gelling nanoparticulate powder as a wound dressing. International Journal of Pharmaceutics, 2014, 473, 30-37.	2.6	65
34	In situ forming antibacterial dextran blend hydrogel for wound dressing: SAA technology vs. spray drying. Carbohydrate Polymers, 2014, 101, 1216-1224.	5.1	65
35	Plasma membranes as heat stress sensors: From lipid-controlled molecular switches to therapeutic applications. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1594-1618.	1.4	115
36	Cloning and characterization of a Î”9-desaturase gene of the Antarctic fish Chionodraco hamatus and Trematomus bernacchii. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 379-392.	0.7	6

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37	Interaction of Azole Compounds with DOPC and DOPC/Ergosterol Bilayers by Spin Probe EPR Spectroscopy: Implications for Antifungal Activity. Journal of Physical Chemistry B, 2013, 117, 11978-11987.	1.2	2
38	New Nucleotide-Competitive Non-Nucleoside Inhibitors of Terminal Deoxynucleotidyl Transferase: Discovery, Characterization, and Crystal Structure in Complex with the Target. Journal of Medicinal Chemistry, 2013, 56, 7431-7441.	2.9	24
39	Candida albicans/MWCNTs: A Stable Conductive Bio-Nanocomposite and Its Temperature-Sensing Properties. IEEE Nanotechnology Magazine, 2013, 12, 111-114.	1.1	20
40	Toward Highly Potent Cancer Agents by Modulating the C-2 Group of the Arylthioindole Class of Tubulin Polymerization Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 123-149.	2.9	107
41	Design and production of gentamicin/dextrans microparticles by supercritical assisted atomisation for the treatment of wound bacterial infections. International Journal of Pharmaceutics, 2013, 440, 188-194.	2.6	55
42	Small azobenzene derivatives active against bacteria and fungi. European Journal of Medicinal Chemistry, 2013, 68, 178-184.	2.6	39
43	Bio-Nano-Composite Materials Constructed With Single Cells and Carbon Nanotubes: Mechanical, Electrical, and Optical Properties. IEEE Nanotechnology Magazine, 2013, 12, 1026-1030.	1.1	23
44	Gentamicin and leucine inhalable powder: What about antipseudomonal activity and permeation through cystic fibrosis mucus?. International Journal of Pharmaceutics, 2013, 440, 250-255.	2.6	29
45	Antifungal activity of azole compounds CPA18 and CPA109 against azole-susceptible and -resistant strains of Candida albicans. Journal of Antimicrobial Chemotherapy, 2013, 68, 1111-1119.	1.3	17
46	Cyborgs Structured with Carbon Nanotubes and Plant or Fungal Cells: Artificial Tissue Engineering for Mechanical and Electronic Uses. Materials Research Society Symposia Proceedings, 2013, 1572, 1.	0.1	2
47	Novel antimicrobial polymer films active against bacteria and fungi. Polymer Composites, 2013, 34, 1489-1492.	2.3	25
48	Screening of a polar extract of Paeonia rockii: Composition and antioxidant and antifungal activities. Journal of Ethnopharmacology, 2011, 138, 705-712.	2.0	59
49	Design and Synthesis of 2-Heterocyclyl-3-arylthio-1H-indoles as Potent Tubulin Polymerization and Cell Growth Inhibitors with Improved Metabolic Stability. Journal of Medicinal Chemistry, 2011, 54, 8394-8406.	2.9	70
50	Experimental antibacterial therapy with puroindolines, lactoferrin and lysozyme in Listeria monocytogenes-infected mice. Microbes and Infection, 2010, 12, 538-545.	1.0	21
51	A novel quinoneâ€based derivative (DTNQâ€Pro) induces apoptotic death via modulation of heat shock protein expression in Cacoâ€2 cells. British Journal of Pharmacology, 2010, 160, 931-940.	2.7	11
52	Changes in Membrane Fluid State and Heat Shock Response Cause Attenuation of Virulence. Journal of Bacteriology, 2010, 192, 1999-2005.	1.0	15
53	Genetic Modification of theSalmonellaMembrane Physical State Alters the Pattern of Heat Shock Response. Journal of Bacteriology, 2010, 192, 1988-1998.	1.0	16
54	Identification of the Spiro(oxindole-3,3â€²-thiazolidine)-Based Derivatives as Potential p53 Activity Modulators. Journal of Medicinal Chemistry, 2010, 53, 8319-8329.	2.9	69

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55	Clâ€IBâ€MECA enhances TRAILâ€induced apoptosis via the modulation of NFâ€Î²B signalling pathway in thyroid cancer cells. Journal of Cellular Physiology, 2009, 221, 378-386.	2.0	40
56	New Arylthioindoles and Related Bioisosteres at the Sulfur Bridging Group. 4. Synthesis, Tubulin Polymerization, Cell Growth Inhibition, and Molecular Modeling Studies. Journal of Medicinal Chemistry, 2009, 52, 7512-7527.	2.9	87
57	Homology, disruption and phenotypic analysis ofCaGS Candida albicansgene induced during macrophage infection. FEMS Immunology and Medical Microbiology, 2005, 45, 471-478.	2.7	8
58	Candida albicans CTN gene family is induced during macrophage infection: homology, disruption and phenotypic analysis of CTN3 gene. Fungal Genetics and Biology, 2004, 41, 783-793.	0.9	16
59	Genes involved in Î²-oxidation, energy metabolism and glyoxylate cycle are induced byCandida albicansduring macrophage infection. Yeast, 2003, 20, 723-730.	0.8	63
60	Synthesis of ascorbate and urate in the ovary of water buffalo. Free Radical Research, 2001, 35, 233-243.	1.5	10
61	Spontaneous second-site suppressors of the filamentation defect of prr1Î” mutants define a critical domain of Rim101p in Candida albicans. Molecular Genetics and Genomics, 2001, 266, 624-631.	1.0	12
62	Dominant Active Alleles of RIM101 (PRR2) Bypass the pH Restriction on Filamentation of Candida albicans. Molecular and Cellular Biology, 2000, 20, 4635-4647.	1.1	94
63	Host response and Histoplasma capsulatum / macrophage molecular interactions. Medical Mycology, 2000, 38, 399-406.	0.3	4
64	An Homologue of the Human 100-kDa Protein (p100) Is Differentially Expressed byHistoplasma capsulatumduring Infection of Murine Macrophages. Biochemical and Biophysical Research Communications, 1999, 254, 605-613.	1.0	48
65	Haptoglobin transport into human ovarian follicles and its binding to apolipoprotein A-1. Zygote, 1999, 7, 67-77.	0.5	38
66	PRR1 , a Homolog of Aspergillus nidulans palF , Controls pH-Dependent Gene Expression and Filamentation in Candida albicans. Journal of Bacteriology, 1999, 181, 7516-7523.	1.0	105
67	Effect of Environmental pH on Morphological Development of Candida albicans Is Mediated via the PacC-Related Transcription Factor Encoded by PRR2. Journal of Bacteriology, 1999, 181, 7524-7530.	1.0	156
68	Identification and isolation by DDRT-PCR of genes differentially expressed byHistoplasma capsulatumduring macrophages infection. Microbial Pathogenesis, 1998, 25, 55-66.	1.3	32