

Annarita Stringaro

List of Publications by Year in descending order

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87
papers

4,055
citations

109137

35
h-index

123241

61
g-index

87
all docs

87
docs citations

87
times ranked

6339
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Lymphocyte Apoptosis by Tumor Cell Secretion of FasL-bearing Microvesicles. <i>Journal of Experimental Medicine</i> , 2002, 195, 1303-1316.	4.2	660
2	Protection by Anti- β -Glucan Antibodies Is Associated with Restricted β -1,3 Glucan Binding Specificity and Inhibition of Fungal Growth and Adherence. <i>PLoS ONE</i> , 2009, 4, e5392.	1.1	184
3	Terpinen-4-ol, The Main Component of <i>Melaleuca Alternifolia</i> (Tea Tree) Oil Inhibits the In Vitro Growth of Human Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 2004, 122, 349-360.	0.3	143
4	P-glycoprotein β -actin association through ERM family proteins: a role in P-glycoprotein function in human cells of lymphoid origin. <i>Blood</i> , 2002, 99, 641-648.	0.6	134
5	Direct Binding of Human NK Cell Natural Cytotoxicity Receptor NKp44 to the Surfaces of Mycobacteria and Other Bacteria. <i>Infection and Immunity</i> , 2008, 76, 1719-1727.	1.0	131
6	Esculentin(1-21), an amphibian skin membrane-active peptide with potent activity on both planktonic and biofilm cells of the bacterial pathogen <i>Pseudomonas aeruginosa</i> . <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2773-2786.	2.4	131
7	Identification of a Glucan-Associated Enolase as a Main Cell Wall Protein of <i>Candida albicans</i> and an Indirect Target of Lipopeptide Antimycotics. <i>Journal of Infectious Diseases</i> , 1996, 173, 684-690.	1.9	126
8	PE is a functional domain responsible for protein translocation and localization on mycobacterial cell wall. <i>Molecular Microbiology</i> , 2007, 66, 1536-1547.	1.2	114
9	A NH2 Tau Fragment Targets Neuronal Mitochondria at AD Synapses: Possible Implications for Neurodegeneration. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 445-470.	1.2	92
10	The Multidrug Transporter P-Glycoprotein: A Mediator of Melanoma Invasion?. <i>Journal of Investigative Dermatology</i> , 2008, 128, 957-971.	0.3	91
11	Suzuki-Miyaura cross-coupling catalyzed by protein-stabilized palladium nanoparticles under aerobic conditions in water: application to a one-pot chemoenzymatic enantioselective synthesis of chiral biaryl alcohols. <i>Green Chemistry</i> , 2009, 11, 1929.	4.6	91
12	Detection and Physicochemical Characterization of Membrane Vesicles (MVs) of <i>Lactobacillus reuteri</i> DSM 17938. <i>Frontiers in Microbiology</i> , 2017, 8, 1040.	1.5	80
13	Activation of Rho GTPases by Cytotoxic Necrotizing Factor 1 Induces Macropinocytosis and Scavenging Activity in Epithelial Cells. <i>Molecular Biology of the Cell</i> , 2001, 12, 2061-2073.	0.9	78
14	Tyrosine phosphatase activity in mitochondria: presence of Shp-2 phosphatase in mitochondria. <i>Cellular and Molecular Life Sciences</i> , 2004, 61, 2393-404.	2.4	71
15	Intracellular P-glycoprotein expression is associated with the intrinsic multidrug resistance phenotype in human colon adenocarcinoma cells. <i>International Journal of Cancer</i> , 2000, 87, 615-628.	2.3	70
16	Subcellular Detection and Localization of the Drug Transporter P-Glycoprotein in Cultured Tumor Cells. <i>Current Protein and Peptide Science</i> , 2002, 3, 653-670.	0.7	68
17	Inositols: From Established Knowledge to Novel Approaches. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10575.	1.8	67
18	Evidence that the HIV-1 coat protein gp120 causes neuronal apoptosis in the neocortex of rat via a mechanism involving CXCR4 chemokine receptor. <i>Neuroscience Letters</i> , 2001, 312, 67-70.	1.0	65

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19	Srcâ€™Tyrosine kinases are major agents in mitochondrial tyrosine phosphorylation. Journal of Cellular Biochemistry, 2008, 104, 840-849.	1.2	62
20	Nanomedicines for antimicrobial interventions. Journal of Hospital Infection, 2014, 88, 183-190.	1.4	61
21	Encapsulation of c-myc antisense oligodeoxynucleotides in lipid particles improves antitumoral efficacy in vivo in a human melanoma line. Cancer Gene Therapy, 2001, 8, 459-468.	2.2	60
22	Increase of Virulence and Its Phenotypic Traits in Drug-Resistant Strains of <i>Candida albicans</i> . Antimicrobial Agents and Chemotherapy, 2008, 52, 927-936.	1.4	60
23	Detection of P-glycoprotein in the Golgi apparatus of drug-untreated human melanoma cells. , 1998, 75, 885-893.		57
24	Biophysical and structural characterization of 1H-NMR-detectable mobile lipid domains in NIH-3T3 fibroblasts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 1999, 1438, 329-348.	1.2	54
25	The MP65 gene is required for cell wall integrity, adherence to epithelial cells and biofilm formation in <i>Candida albicans</i> . BMC Microbiology, 2011, 11, 106.	1.3	53
26	Antioxidant, Antifungal, Antibiofilm, and Cytotoxic Activities of <i>Mentha</i> spp. Essential Oils. Medicines (Basel, Switzerland), 2018, 5, 112.	0.7	52
27	1H NMR-visible mobile lipid domains correlate with cytoplasmic lipid bodies in apoptotic T-lymphoblastoid cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2001, 1530, 47-66.	1.2	51
28	<i>Candida albicans</i> Yeast and Germ Tube Forms Interfere Differently with Human Monocyte Differentiation into Dendritic Cells: a Novel Dimorphism-Dependent Mechanism To Escape the Host's Immune Response. Infection and Immunity, 2004, 72, 833-843.	1.0	51
29	Drug Delivery Systems of Natural Products in Oncology. Molecules, 2020, 25, 4560.	1.7	48
30	Expertsâ€™ opinion on inositols in treating polycystic ovary syndrome and non-insulin dependent diabetes mellitus: a further help for human reproduction and beyond. Expert Opinion on Drug Metabolism and Toxicology, 2020, 16, 255-274.	1.5	45
31	Oxidative Stress and Male Fertility: Role of Antioxidants and Inositols. Antioxidants, 2021, 10, 1283.	2.2	45
32	Detection of P-glycoprotein in the nuclear envelope of multidrug resistant cells. The Histochemical Journal, 2000, 32, 599-606.	0.6	41
33	Ultrastructural modifications of cell membranes induced by â€œelectroporationâ€ on melanoma xenografts. Microscopy Research and Technique, 2007, 70, 1041-1050.	1.2	41
34	pHâ€dependent disruption of <i>Escherichia coli</i> ATCC 25922 and model membranes by the human antimicrobial peptides hepcidin 20 and 25. FEBS Journal, 2013, 280, 2842-2854.	2.2	41
35	Effects of <i>Mentha suaveolens</i> Essential Oil Alone or in Combination with Other Drugs in <i>Candida albicans</i> . Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-9.	0.5	41
36	Morphological transformation induced by multiwall carbon nanotubes on Balb/3T3 cell model as an <i>in vitro</i> end point of carcinogenic potential. Nanotoxicology, 2013, 7, 221-233.	1.6	37

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37	Breakthroughs in the Use of Inositols for Assisted Reproductive Treatment (ART). Trends in Endocrinology and Metabolism, 2020, 31, 570-579.	3.1	36
38	m-THPC-mediated photodynamic therapy of malignant gliomas: Assessment of a new transfection strategy. International Journal of Cancer, 2007, 121, 1149-1155.	2.3	35
39	Efficiency of Liposomes in the Delivery of a Photosensitizer Controlled by the Stereochemistry of a Gemini Surfactant Component. Molecular Pharmaceutics, 2010, 7, 130-137.	2.3	33
40	The PavA-like Fibronectin-Binding Protein of Enterococcus faecalis, EfbA, Is Important for Virulence in a Mouse Model of Ascending Urinary Tract Infection. Journal of Infectious Diseases, 2012, 206, 952-960.	1.9	33
41	Cationic liposomes, loaded with m-THPC, in photodynamic therapy for malignant glioma. Toxicology in Vitro, 2007, 21, 230-234.	1.1	32
42	Tea Tree Oil Might Combat Melanoma. Planta Medica, 2011, 77, 54-56.	0.7	32
43	New deferiprone derivatives as multi-functional cholinesterase inhibitors: design, synthesis and in vitro evaluation. European Journal of Medicinal Chemistry, 2020, 198, 112350.	2.6	32
44	Epithelial cells and expression of the phagocytic marker CD68: scavenging of apoptotic bodies following Rho activation. Toxicology in Vitro, 2002, 16, 405-411.	1.1	31
45	Interaction of Tea Tree Oil with Model and Cellular Membranes. Journal of Medicinal Chemistry, 2006, 49, 4581-4588.	2.9	31
46	Infection of human THP-1 cells with dormant Mycobacterium tuberculosis. Microbes and Infection, 2012, 14, 959-967.	1.0	31
47	Maternally-inherited Leigh syndrome-related mutations bolster mitochondrial-mediated apoptosis. Journal of Neurochemistry, 2004, 90, 490-501.	2.1	25
48	Remote Loading of Aloe Emodin in Gemini-Based Cationic Liposomes. Langmuir, 2015, 31, 76-82.	1.6	22
49	Interference of Polydatin/Resveratrol in the ACE2:Spike Recognition during COVID-19 Infection. A Focus on Their Potential Mechanism of Action through Computational and Biochemical Assays. Biomolecules, 2021, 11, 1048.	1.8	22
50	Interaction between Human Interleukin-2-Activated Natural Killer Cells and Heat-Killed Germ Tube Forms of Candida albicans. Cellular Immunology, 1998, 186, 28-38.	1.4	21
51	Glucan-Associated Protein Modulations and Ultrastructural Changes of the Cell Wall in Candida albicans Treated with Micafungin, a Water-Soluble, Lipopeptide Antimycotic. Journal of Chemotherapy, 2005, 17, 409-416.	0.7	21
52	Rho-activating Escherichia coli cytotoxic necrotizing factor 1: macropinocytosis of apoptotic bodies in human epithelial cells. International Journal of Medical Microbiology, 2001, 291, 551-554.	1.5	20
53	Glutathione Metabolism in Candida albicans Resistant Strains to Fluconazole and Micafungin. PLoS ONE, 2014, 9, e98387.	1.1	20
54	Characterization of the cell penetrating properties of a human salivary proline-rich peptide. Biochimica Et Biophysica Acta - Biomembranes, 2015, 1848, 2868-2877.	1.4	20

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55	Characterization of biofilms in drug-sensitive and drug-resistant strains of <i>Candida albicans</i> . <i>Journal of Chemotherapy</i> , 2013, 25, 87-95.	0.7	18
56	Ultrastructural localization of the secretory aspartyl proteinase in <i>Candida albicans</i> cell wall in vitro and in experimentally infected rat vagina. <i>Mycopathologia</i> , 1997, 137, 95-105.	1.3	17
57	CpALS4770 and CpALS4780 contribution to the virulence of <i>Candida parapsilosis</i> . <i>Microbiological Research</i> , 2020, 231, 126351.	2.5	16
58	New Pyrimidine and Pyridine Derivatives as Multitarget Cholinesterase Inhibitors: Design, Synthesis, and <i>In Vitro</i> and <i>In Cellulo</i> Evaluation. <i>ACS Chemical Neuroscience</i> , 2021, 12, 4090-4112.	1.7	16
59	Neuroprotection by the caspase-1 inhibitor Ac-YVAD-(acyloxy)mk in experimental neuroAIDS is independent from IL-1 β generation. <i>Cell Death and Differentiation</i> , 2005, 12, 999-1001.	5.0	15
60	Effects of Essential Oils from <i>Cymbopogon</i> spp. and <i>Cinnamomum verum</i> on Biofilm and Virulence Properties of <i>Escherichia coli</i> O157:H7. <i>Antibiotics</i> , 2021, 10, 113.	1.5	13
61	Antifungal Carvacrol Loaded Chitosan Nanoparticles. <i>Antibiotics</i> , 2022, 11, 11.	1.5	13
62	A novel enzyme with spermine oxidase properties in bovine liver mitochondria: Identification and kinetic characterization. <i>Free Radical Biology and Medicine</i> , 2015, 81, 88-99.	1.3	12
63	Influence of the Morphology of Lysozyme-Shell Microparticles on the Cellular Association, Uptake, and Degradation in Human Breast Adenocarcinoma Cells. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 695-705.	1.2	11
64	The Cell Membrane is the Main Target of Resveratrol as Shown by Interdisciplinary Biomolecular/Cellular and Biophysical Approaches. <i>Journal of Membrane Biology</i> , 2014, 247, 1-8.	1.0	11
65	Antibacterial activity of essential oils mixture against PSA. <i>Natural Product Research</i> , 2016, 30, 412-418.	1.0	11
66	Role of CpALS4790 and CpALS0660 in <i>Candida parapsilosis</i> Virulence: Evidence from a Murine Model of Vaginal Candidiasis. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 86.	1.5	9
67	What is the relationship between P-glycoprotein and adhesion molecule expression in melanoma cells?. <i>Melanoma Research</i> , 2002, 12, 109-114.	0.6	8
68	Neurotrophins and neurotransmitters in human palatine tonsils: An immunohistochemical and RT-PCR analysis. <i>International Journal of Molecular Medicine</i> , 2006, 18, 49.	1.8	8
69	Localisation of Bgl2p upon antifungal drug treatment in <i>Candida albicans</i> . <i>International Journal of Antimicrobial Agents</i> , 2009, 33, 143-148.	1.1	8
70	Characterization of naproxen-polymer conjugates for drug-delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2016, 27, 69-85.	1.9	8
71	How stereochemistry of lipid components can affect lipid organization and the route of liposome internalization into cells. <i>Nanoscale</i> , 2021, 13, 11976-11993.	2.8	8
72	High Activity of N-Acetylcysteine in Combination with Beta-Lactams against Carbapenem-Resistant <i>Klebsiella pneumoniae</i> and <i>Acinetobacter baumannii</i> . <i>Antibiotics</i> , 2022, 11, 225.	1.5	8

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73	Recombinant GroES in combination with CpG oligodeoxynucleotides protects mice against <i>Mycobacterium avium</i> infection. <i>Journal of Medical Microbiology</i> , 2002, 51, 1071-1079.	0.7	7
74	Expression of the complement-binding protein (MP60) of <i>Candida albicans</i> in experimental vaginitis. <i>Mycopathologia</i> , 1998, 144, 147-152.	1.3	6
75	A study on prophagic and chromosomal <i>sodC</i> genes involvement in <i>Escherichia coli</i> O157:H7 biofilm formation and biofilm resistance to H ₂ O ₂ . <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2015, 51, 62-6.	0.2	5
76	Ultrastructural Damages to H1N1 Influenza Virus Caused by Vapor Essential Oils. <i>Molecules</i> , 2022, 27, 3718.	1.7	5
77	Terpinen-4-ol, the Main Bioactive Component of Tea Tree Oil, as an Innovative Antimicrobial Agent against <i>Legionella pneumophila</i> . <i>Pathogens</i> , 2022, 11, 682.	1.2	5
78	Detection of Human P-Glycoprotein-like Molecule in Azole-Resistant <i>Candida albicans</i> from HIV+Patients. <i>Microbial Drug Resistance</i> , 2002, 8, 235-244.	0.9	4
79	Phytochemical Analysis and Biological Activities of the Ethanolic Extract of <i>Daphne sericea</i> Vahl Flowering Aerial Parts Collected in Central Italy. <i>Biomolecules</i> , 2021, 11, 379.	1.8	4
80	The cell wall protein Rhd3/Pga29 is over-expressed in <i>Candida albicans</i> upon micafungin treatment. <i>Journal of Chemotherapy</i> , 2013, 25, 332-340.	0.7	3
81	Intracellular P-glycoprotein expression is associated with the intrinsic multidrug resistance phenotype in human colon adenocarcinoma cells. , 2000, 87, 615.		3
82	Design, Synthesis, and In Vitro, In Silico and In Cellulo Evaluation of New Pyrimidine and Pyridine Amide and Carbamate Derivatives as Multi-Functional Cholinesterase Inhibitors. <i>Pharmaceuticals</i> , 2022, 15, 673.	1.7	3
83	Effect of preparation protocol on physicochemical features and biointeractions of pegylated liposomes. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 444-450.	2.3	2
84	Derivatives of Esculentin-1 Peptides as Promising Candidates for Fighting Infections from <i>Escherichia coli</i> O157:H7. <i>Antibiotics</i> , 2022, 11, 656.	1.5	2
85	Drug delivery system and breast cancer cells. <i>AIP Conference Proceedings</i> , 2016, , .	0.3	1
86	Design of new nanocarriers for biomedical applications. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	1
87	<i>Vepris macrophylla</i> Essential Oil Produces Notable Antiproliferative Activity and Morphological Alterations in Human Breast Adenocarcinoma Cells. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4369.	1.3	1