Marc Maresca

List of Publications by Year
in descending order

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72 papers	3,451 citations	109264 35 h-index	143943 57 g-index
75 all docs	75 docs citations	75 times ranked	3924 citing authors

#	Article	IF	Citations
1	Serum Stable and Low Hemolytic Temporin-SHa Peptide Analogs Disrupt Cell Membrane of Methicillin-Resistant Staphylococcus aureus (MRSA). Probiotics and Antimicrobial Proteins, 2022, 14, 391-405.	1.9	3
2	Design, Synthesis and Characterization of [G10a]-Temporin SHa Dendrimers as Dual Inhibitors of Cancer and Pathogenic Microbes. Biomolecules, 2022, 12, 770.	1.8	2
3	Ziziphus nummularia: A Comprehensive Review of Its Phytochemical Constituents and Pharmacological Properties. Molecules, 2022, 27, 4240.	1.7	1
4	Origanum syriacum Phytochemistry and Pharmacological Properties: A Comprehensive Review. Molecules, 2022, 27, 4272.	1.7	6
5	In silico identification of two peptides with antibacterial activity against multidrug-resistant Staphylococcus aureus. Npj Biofilms and Microbiomes, 2022, 8, .	2.9	11
6	Ditopic Chelators of Dicopper Centers for Enhanced Tyrosinases Inhibition. Chemistry - A European Journal, 2021, 27, 4384-4393.	1.7	6
7	Study of Neuroprotection by a Combination of the Biological Antioxidant (Eucalyptus Extract) and the Antihypertensive Drug Candesartan against Chronic Cerebral Ischemia in Rats. Molecules, 2021, 26, 839.	1.7	8
8	The Multifunctional Sactipeptide Ruminococcin C1 Displays Potent Antibacterial Activity In Vivo as Well as Other Beneficial Properties for Human Health. International Journal of Molecular Sciences, 2021, 22, 3253.	1.8	11
9	The Most Competent Plant-Derived Natural Products for Targeting Apoptosis in Cancer Therapy. Biomolecules, 2021, 11, 534.	1.8	53
10	Study of the Antioxidant and Anti-Inflammatory Properties of the Biological Extracts of Psophocarpus tetragonolobus Using Two Extraction Methods. Molecules, 2021, 26, 4435.	1.7	2
11	Blockage of bacterial FimH prevents mucosal inflammation associated with Crohnâ€™s disease. Microbiome, 2021, 9, 176.	4.9	22
12	Antioxidant Activity and Biocompatibility of Fructo-Polysaccharides Extracted from a Wild Species of Ornithogalum from Lebanon. Antioxidants, 2021, 10, 68.	2.2	11
13	RadA, a MSCRAMM Adhesin of the Dominant Symbiote Ruminococcus gnavus E1, Binds Human Immunoglobulins and Intestinal Mucins. Biomolecules, 2021, 11, 1613.	1.8	5
14	A versatile and straightforward process to turn plastics into antibacterial materials. Polymer Chemistry, 2021, 13, 69-79.	1.9	3
15	Naphtho-Gamma-Pyrones Produced by Aspergillus tubingensis G131: New Source of Natural Nontoxic Antioxidants. Biomolecules, 2020, 10, 29.	1.8	11
16	The unusual structure of Ruminococcin C1 antimicrobial peptide confers clinical properties. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19168-19177.	3.3	25
17	Furan-Conjugated Tripeptides as Potent Antitumor Drugs. Biomolecules, 2020, 10, 1684.	1.8	16
18	Synthesis and Evaluation of the Antibacterial Activities of 13-Substituted Berberine Derivatives. Antibiotics, 2020, 9, 381.	1.5	18

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19	Temporin-SHa and Its Analogs as Potential Candidates for the Treatment of Helicobacter pylori. Biomolecules, 2019, 9, 598.	1.8	10
20	Tu1785 â€“ Eb8018 is Able to Decrease TnfÎ± Secretion in T84 Cells and Hek Cells by Blocking Interaction Between Fimh Adhesin and Toll Like Receptor 4. Gastroenterology, 2019, 156, S-1122.	0.6	0
21	Comparative Structureâ€“Activity Analysis of the Antimicrobial Activity, Cytotoxicity, and Mechanism of Action of the Fungal Cyclohexadepsipeptides Enniatins and Beauvericin. Toxins, 2019, 11, 514.	1.5	26
22	Wormsâ€™ Antimicrobial Peptides. Marine Drugs, 2019, 17, 512.	2.2	24
23	Ruminococcin C, a promising antibiotic produced by a human gut symbiont. Science Advances, 2019, 5, eaaw9969.	4.7	54
24	Investigating Host Microbiota Relationships Through Functional Metagenomics. Frontiers in Microbiology, 2019, 10, 1286.	1.5	13
25	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. Molecular Biotechnology, 2019, 61, 650-662.	1.3	4
26	Deoxynivalenol inhibits the expression of trefoil factors (TFF) by intestinal human and porcine goblet cells. Archives of Toxicology, 2019, 93, 1039-1049.	1.9	17
27	Effect of Bacillus subtilis Strains on Intestinal Barrier Function and Inflammatory Response. Frontiers in Immunology, 2019, 10, 564.	2.2	101
28	Aurone derivatives as promising antibacterial agents against resistant Gram-positive pathogens. European Journal of Medicinal Chemistry, 2019, 165, 133-141.	2.6	46
29	In silico identification of two novel antimicrobial peptides with antibacterial activity against multi-drug resistant Staphylococcus aureus. Access Microbiology, 2019, 1, .	0.2	1
30	Enediynes bearing polyfluoroaryl sulfoxide as new antiproliferative agents with dual targeting of microtubules and DNA. European Journal of Medicinal Chemistry, 2018, 148, 306-313.	2.6	12
31	Review article: Role of satiety hormones in anorexia induction by Trichothecene mycotoxins. Food and Chemical Toxicology, 2018, 121, 701-714.	1.8	38
32	Overview and Comparison of Intestinal Organotypic Models, Intestinal Cells, and Intestinal Explants Used for Toxicity Studies. Current Topics in Microbiology and Immunology, 2018, 430, 247-264.	0.7	8
33	Elaboration of antimicrobial polymeric materials by dispersion of well-defined amphiphilic methacrylic SG1-based copolymers. Polymer Chemistry, 2018, 9, 3127-3141.	1.9	26
34	Two New Secreted Proteases Generate a Casein-Derived Antimicrobial Peptide in Bacillus cereus Food Born Isolate Leading to Bacterial Competition in Milk. Frontiers in Microbiology, 2018, 9, 1148.	1.5	29
35	The rumen microbiome: an underexplored resource for novel antimicrobial discovery. Npj Biofilms and Microbiomes, 2017, 3, 33.	2.9	51
36	Radical Copolymerization of Vinyl Ethers and Cyclic Ketene Acetals as a Versatile Platform to Design Functional Polyesters. Angewandte Chemie - International Edition, 2017, 56, 16515-16520.	7.2	65

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37	2-Hydroxypyridine-N-oxide-Embedded Aurones as Potent Human Tyrosinase Inhibitors. ACS Medicinal Chemistry Letters, 2017, 8, 55-60.	1.3	38
38	Hydrolytic Fate of 3/15-Acetyldeoxynivalenol in Humans: Specific Deacetylation by the Small Intestine and Liver Revealed Using in Vitro and ex Vivo Approaches. Toxins, 2016, 8, 232.	1.5	39
39	Ruminococcus gnavus E1 modulates mucin expression and intestinal glycosylation. Journal of Applied Microbiology, 2016, 120, 1403-1417.	1.4	87
40	Carbamylated erythropoietin enhances mice ventilatory responses to changes in O2 but not CO2 levels. Respiratory Physiology and Neurobiology, 2016, 232, 1-12.	0.7	2
41	Deoxynivalenol inhibits the expression by goblet cells of intestinal mucins through a PKR and MAP kinase dependent repression of the resistinâ€like molecule Î². Molecular Nutrition and Food Research, 2015, 59, 1076-1087.	1.5	88
42	The Food-Associated Ribotoxin Deoxynivalenol Modulates Inducible NO Synthase in Human Intestinal Cell Model. Toxicological Sciences, 2015, 145, 372-382.	1.4	39
43	Interaction of curcumin with phosphocasein micelles processed or not by dynamic high-pressure. Food Chemistry, 2013, 138, 2327-2337.	4.2	52
44	From the Gut to the Brain: Journey and Pathophysiological Effects of the Food-Associated Trichothecene Mycotoxin Deoxynivalenol. Toxins, 2013, 5, 784-820.	1.5	299
45	Mislocalization of the exitatory amino-acid transporters (EAATs) in human astrocytoma and non-astrocytoma cancer cells: effect of the cell confluence. Journal of Biomedical Science, 2012, 19, 10.	2.6	17
46	The ribotoxin deoxynivalenol affects the viability and functions of glial cells. Glia, 2011, 59, 1672-1683.	2.5	41
47	Biophysical studies of the interaction of squalamine and other cationic amphiphilic molecules with bacterial and eukaryotic membranes: importance of the distribution coefficient in membrane selectivity. Chemistry and Physics of Lipids, 2010, 163, 131-140.	1.5	44
48	Some food-associated mycotoxins as potential risk factors in humans predisposed to chronic intestinal inflammatory diseases. Toxicon, 2010, 56, 282-294.	0.8	154
49	The food-associated fungal neurotoxin ochratoxin A inhibits the absorption of glutamate by astrocytes through a decrease in cell surface expression of the excitatory amino-acid transporters GLAST and GLT-1. NeuroToxicology, 2010, 31, 475-484.	1.4	40
50	Altered Ion Channel Formation by the Parkinson's-Disease-Linked E46K Mutant of Î±-Synuclein Is Corrected by GM3 but Not by GM1 Gangliosides. Journal of Molecular Biology, 2010, 397, 202-218.	2.0	61
51	The first extracellular domain of the tumour stem cell marker CD133 contains an antigenic ganglioside-binding motif. Cancer Letters, 2009, 278, 164-173.	3.2	77
52	Both direct and indirect effects account for the pro-inflammatory activity of enteropathogenic mycotoxins on the human intestinal epithelium: Stimulation of interleukin-8 secretion, potentiation of interleukin-1Î² effect and increase in the transepithelial passage of commensal bacteria. Toxicology and Applied Pharmacology, 2008, 228, 84-92.	1.3	141
53	Squalamine: An Appropriate Strategy against the Emergence of Multidrug Resistant Gram-Negative Bacteria?. PLoS ONE, 2008, 3, e2765.	1.1	56
54	Controlled aggregation of adenine by sugars: physicochemical studies, molecular modelling simulations of sugarâ€“aromatic CHâ€“Î€ stacking interactions, and biological significance. Physical Chemistry Chemical Physics, 2008, 10, 2792.	1.3	40

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55	Intestinal absorption of the acetamiprid neonicotinoid by Caco-2 cells: Transepithelial transport, cellular uptake and efflux. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2008, 43, 261-270.	0.7	23
56	Selective transport of staphylococcal enterotoxin A through in vitro generated human M cells. Microbes and Infection, 2007, 9, 1507-1510.	1.0	9
57	Enteropathogenic Escherichia coli (EPEC) inactivate innate immune responses prior to compromising epithelial barrier function. Cellular Microbiology, 2007, 9, 1909-1921.	1.1	83
58	The enteropathogenic Escherichia coli EspF effector molecule inhibits PI-3 kinase-mediated uptake independently of mitochondrial targeting. Cellular Microbiology, 2006, 8, 972-981.	1.1	66
59	Potent diarrheagenic mechanism mediated by the cooperative action of three enteropathogenic Escherichia coli-injected effector proteins. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 1876-1881.	3.3	109
60	Enteropathogenic Escherichia coli (EPEC) effector-mediated suppression of antimicrobial nitric oxide production in a small intestinal epithelial model system. Cellular Microbiology, 2005, 7, 1749-1762.	1.1	30
61	EPEC's weapons of mass subversion. Current Opinion in Microbiology, 2005, 8, 28-34.	2.3	70
62	Human intestinal absorption of imidacloprid with Caco-2 cells as enterocyte model. Toxicology and Applied Pharmacology, 2004, 194, 1-9.	1.3	73
63	The virotoxin model of HIV-1 enteropathy: Involvement of GPR15/Bob and galactosylceramide in the cytopathic effects induced by HIV-1 gp120 in the HT-29-D4 intestinal cell line. Journal of Biomedical Science, 2003, 10, 156-166.	2.6	52
64	Identification of a Common Sphingolipid-binding Domain in Alzheimer, Prion, and HIV-1 Proteins. Journal of Biological Chemistry, 2002, 277, 11292-11296.	1.6	209
65	pH-Dependent Interaction of Fumonisin B1 with Cholesterol: Physicochemical and Molecular Modeling Studies at the Airâ^'Water Interface. Journal of Agricultural and Food Chemistry, 2002, 50, 327-331.	2.4	27
66	The Mycotoxin Deoxynivalenol Affects Nutrient Absorption in Human Intestinal Epithelial Cells. Journal of Nutrition, 2002, 132, 2723-2731.	1.3	179
67	The Mycotoxin Patulin Alters the Barrier Function of the Intestinal Epithelium: Mechanism of Action of the Toxin and Protective Effects of Glutathione. Toxicology and Applied Pharmacology, 2002, 181, 209-218.	1.3	185
68	The Mycotoxin Ochratoxin A Alters Intestinal Barrier and Absorption Functions but Has No Effect on Chloride Secretion. Toxicology and Applied Pharmacology, 2001, 176, 54-63.	1.3	73
69	Reconstitution of Sphingolipidâ€“Cholesterol Plasma Membrane Mlcrodomalns for Studies of Virus-Glycolipid Interactions. Methods in Enzymology, 2000, 312, 495-506.	0.4	14
70	Glycosphingolipid (GSL) microdomains as attachment platforms for host pathogens and their toxins on intestinal epithelial cells: activation of signal transduction pathways and perturbations of intestinal absorption and secretion. Glycoconjugate Journal, 2000, 17, 173-179.	1.4	57
71	Human Erythrocyte Glycosphingolipids as Alternative Cofactors for Human Immunodeficiency Virus Type 1 (HIV-1) Entry: Evidence for CD4-Induced Interactions between HIV-1 gp120 and Reconstituted Membrane Microdomains of Glycosphingolipids (Gb3 and GM3). Journal of Virology, 1999, 73, 5244-5248.	1.5	133
72	The enteric nerve system as target of regulated and emerging food-associated mycotoxins.. , 0, , .		0