

Marc Maresca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4112414/publications.pdf>

Version: 2024-02-01

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	From the Gut to the Brain: Journey and Pathophysiological Effects of the Food-Associated Trichothecene Mycotoxin Deoxynivalenol. <i>Toxins</i> , 2013, 5, 784-820.	1.5	299
2	Identification of a Common Sphingolipid-binding Domain in Alzheimer, Prion, and HIV-1 Proteins. <i>Journal of Biological Chemistry</i> , 2002, 277, 11292-11296.	1.6	209
3	The Mycotoxin Patulin Alters the Barrier Function of the Intestinal Epithelium: Mechanism of Action of the Toxin and Protective Effects of Glutathione. <i>Toxicology and Applied Pharmacology</i> , 2002, 181, 209-218.	1.3	185
4	The Mycotoxin Deoxynivalenol Affects Nutrient Absorption in Human Intestinal Epithelial Cells. <i>Journal of Nutrition</i> , 2002, 132, 2723-2731.	1.3	179
5	Some food-associated mycotoxins as potential risk factors in humans predisposed to chronic intestinal inflammatory diseases. <i>Toxicon</i> , 2010, 56, 282-294.	0.8	154
6	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-1 β effect and increase in the transepithelial passage of commensal bacteria. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 84-92.	1.3	141
7	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). <i>Journal of Virology</i> , 1999, 73, 5244-5248.	1.5	133
8	Potent diarrheagenic mechanism mediated by the cooperative action of three enteropathogenic <i>Escherichia coli</i> -injected effector proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1876-1881.	3.3	109
9	Effect of <i>Bacillus subtilis</i> Strains on Intestinal Barrier Function and Inflammatory Response. <i>Frontiers in Immunology</i> , 2019, 10, 564.	2.2	101
10	Deoxynivalenol inhibits the expression by goblet cells of intestinal mucins through a PKR and MAP kinase dependent repression of the resistin-like molecule β . <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1076-1087.	1.5	88
11	<i>Ruminococcus gnavus</i> E1 modulates mucin expression and intestinal glycosylation. <i>Journal of Applied Microbiology</i> , 2016, 120, 1403-1417.	1.4	87
12	Enteropathogenic <i>Escherichia coli</i> (EPEC) inactivate innate immune responses prior to compromising epithelial barrier function. <i>Cellular Microbiology</i> , 2007, 9, 1909-1921.	1.1	83
13	The first extracellular domain of the tumour stem cell marker CD133 contains an antigenic ganglioside-binding motif. <i>Cancer Letters</i> , 2009, 278, 164-173.	3.2	77
14	The Mycotoxin Ochratoxin A Alters Intestinal Barrier and Absorption Functions but Has No Effect on Chloride Secretion. <i>Toxicology and Applied Pharmacology</i> , 2001, 176, 54-63.	1.3	73
15	Human intestinal absorption of imidacloprid with Caco-2 cells as enterocyte model. <i>Toxicology and Applied Pharmacology</i> , 2004, 194, 1-9.	1.3	73
16	EPEC's weapons of mass subversion. <i>Current Opinion in Microbiology</i> , 2005, 8, 28-34.	2.3	70
17	The enteropathogenic <i>Escherichia coli</i> EspF effector molecule inhibits PI-3 kinase-mediated uptake independently of mitochondrial targeting. <i>Cellular Microbiology</i> , 2006, 8, 972-981.	1.1	66
18	Radical Copolymerization of Vinyl Ethers and Cyclic Ketene Acetals as a Versatile Platform to Design Functional Polyesters. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 16515-16520.	7.2	65

#	ARTICLE	IF	CITATIONS
19	Altered Ion Channel Formation by the Parkinson's-Disease-Linked E46K Mutant of α -Synuclein Is Corrected by GM3 but Not by GM1 Gangliosides. <i>Journal of Molecular Biology</i> , 2010, 397, 202-218.	2.0	61
20	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. <i>Glycoconjugate Journal</i> , 2000, 17, 173-179.	1.4	57
21	Squalamine: An Appropriate Strategy against the Emergence of Multidrug Resistant Gram-Negative Bacteria?. <i>PLoS ONE</i> , 2008, 3, e2765.	1.1	56
22	Ruminococcin C, a promising antibiotic produced by a human gut symbiont. <i>Science Advances</i> , 2019, 5, eaaw9969.	4.7	54
23	The Most Competent Plant-Derived Natural Products for Targeting Apoptosis in Cancer Therapy. <i>Biomolecules</i> , 2021, 11, 534.	1.8	53
24	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. <i>Journal of Biomedical Science</i> , 2003, 10, 156-166.	2.6	52
25	Interaction of curcumin with phosphocasein micelles processed or not by dynamic high-pressure. <i>Food Chemistry</i> , 2013, 138, 2327-2337.	4.2	52
26	The rumen microbiome: an underexplored resource for novel antimicrobial discovery. <i>Npj Biofilms and Microbiomes</i> , 2017, 3, 33.	2.9	51
27	Aurone derivatives as promising antibacterial agents against resistant Gram-positive pathogens. <i>European Journal of Medicinal Chemistry</i> , 2019, 165, 133-141.	2.6	46
28	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. <i>Chemistry and Physics of Lipids</i> , 2010, 163, 131-140.	1.5	44
29	The ribotoxin deoxynivalenol affects the viability and functions of glial cells. <i>Glia</i> , 2011, 59, 1672-1683.	2.5	41
30	Controlled aggregation of adenine by sugars: physicochemical studies, molecular modelling simulations of sugar π -aromatic CH π - π stacking interactions, and biological significance. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 2792.	1.3	40
31	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. <i>NeuroToxicology</i> , 2010, 31, 475-484.	1.4	40
32	The Food-Associated Ribotoxin Deoxynivalenol Modulates Inducible NO Synthase in Human Intestinal Cell Model. <i>Toxicological Sciences</i> , 2015, 145, 372-382.	1.4	39
33	Hydrolytic Fate of 3/15-Acetyldeoxynivalenol in Humans: Specific Deacetylation by the Small Intestine and Liver Revealed Using in Vitro and ex Vivo Approaches. <i>Toxins</i> , 2016, 8, 232.	1.5	39
34	2-Hydroxypyridine- <i>N</i> -oxide-Embedded Aurones as Potent Human Tyrosinase Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 55-60.	1.3	38
35	Review article: Role of satiety hormones in anorexia induction by Trichothecene mycotoxins. <i>Food and Chemical Toxicology</i> , 2018, 121, 701-714.	1.8	38
36	Enteropathogenic <i>Escherichia coli</i> (EPEC) effector-mediated suppression of antimicrobial nitric oxide production in a small intestinal epithelial model system. <i>Cellular Microbiology</i> , 2005, 7, 1749-1762.	1.1	30

#	ARTICLE	IF	CITATIONS
37	Two New Secreted Proteases Generate a Casein-Derived Antimicrobial Peptide in <i>Bacillus cereus</i> Food Born Isolate Leading to Bacterial Competition in Milk. <i>Frontiers in Microbiology</i> , 2018, 9, 1148.	1.5	29
38	pH-Dependent Interaction of Fumonisin B1 with Cholesterol: Physicochemical and Molecular Modeling Studies at the Air-Water Interface. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 327-331.	2.4	27
39	Elaboration of antimicrobial polymeric materials by dispersion of well-defined amphiphilic methacrylic SG1-based copolymers. <i>Polymer Chemistry</i> , 2018, 9, 3127-3141.	1.9	26
40	Comparative Structure-Activity Analysis of the Antimicrobial Activity, Cytotoxicity, and Mechanism of Action of the Fungal Cyclohexadepsipeptides Enniatins and Beauvericin. <i>Toxins</i> , 2019, 11, 514.	1.5	26
41	The unusual structure of Ruminococcin C1 antimicrobial peptide confers clinical properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 19168-19177.	3.3	25
42	Worms™ Antimicrobial Peptides. <i>Marine Drugs</i> , 2019, 17, 512.	2.2	24
43	Intestinal absorption of the acetamiprid neonicotinoid by Caco-2 cells: Transepithelial transport, cellular uptake and efflux. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2008, 43, 261-270.	0.7	23
44	Blockage of bacterial FimH prevents mucosal inflammation associated with Crohn's disease. <i>Microbiome</i> , 2021, 9, 176.	4.9	22
45	Synthesis and Evaluation of the Antibacterial Activities of 13-Substituted Berberine Derivatives. <i>Antibiotics</i> , 2020, 9, 381.	1.5	18
46	Mislocalization of the excitatory amino-acid transporters (EAATs) in human astrocytoma and non-astrocytoma cancer cells: effect of the cell confluence. <i>Journal of Biomedical Science</i> , 2012, 19, 10.	2.6	17
47	Deoxynivalenol inhibits the expression of trefoil factors (TFF) by intestinal human and porcine goblet cells. <i>Archives of Toxicology</i> , 2019, 93, 1039-1049.	1.9	17
48	Furan-Conjugated Tripeptides as Potent Antitumor Drugs. <i>Biomolecules</i> , 2020, 10, 1684.	1.8	16
49	Reconstitution of Sphingolipid-Cholesterol Plasma Membrane Microdomains for Studies of Virus-Glycolipid Interactions. <i>Methods in Enzymology</i> , 2000, 312, 495-506.	0.4	14
50	Investigating Host Microbiota Relationships Through Functional Metagenomics. <i>Frontiers in Microbiology</i> , 2019, 10, 1286.	1.5	13
51	Enediynes bearing polyfluoroaryl sulfoxide as new antiproliferative agents with dual targeting of microtubules and DNA. <i>European Journal of Medicinal Chemistry</i> , 2018, 148, 306-313.	2.6	12
52	Naphtho-Gamma-Pyrone Produced by <i>Aspergillus tubingensis</i> G131: New Source of Natural Nontoxic Antioxidants. <i>Biomolecules</i> , 2020, 10, 29.	1.8	11
53	The Multifunctional Sactipeptide Ruminococcin C1 Displays Potent Antibacterial Activity In Vivo as Well as Other Beneficial Properties for Human Health. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3253.	1.8	11
54	Antioxidant Activity and Biocompatibility of Fructo-Polysaccharides Extracted from a Wild Species of <i>Ornithogalum</i> from Lebanon. <i>Antioxidants</i> , 2021, 10, 68.	2.2	11

#	ARTICLE	IF	CITATIONS
55	In silico identification of two peptides with antibacterial activity against multidrug-resistant <i>Staphylococcus aureus</i> . <i>Npj Biofilms and Microbiomes</i> , 2022, 8, .	2.9	11
56	Temporin-SHa and Its Analogs as Potential Candidates for the Treatment of <i>Helicobacter pylori</i> . <i>Biomolecules</i> , 2019, 9, 598.	1.8	10
57	Selective transport of staphylococcal enterotoxin A through in vitro generated human M cells. <i>Microbes and Infection</i> , 2007, 9, 1507-1510.	1.0	9
58	Overview and Comparison of Intestinal Organotypic Models, Intestinal Cells, and Intestinal Explants Used for Toxicity Studies. <i>Current Topics in Microbiology and Immunology</i> , 2018, 430, 247-264.	0.7	8
59	Study of Neuroprotection by a Combination of the Biological Antioxidant (Eucalyptus Extract) and the Antihypertensive Drug Candesartan against Chronic Cerebral Ischemia in Rats. <i>Molecules</i> , 2021, 26, 839.	1.7	8
60	Ditopic Chelators of Dicopper Centers for Enhanced Tyrosinases Inhibition. <i>Chemistry - A European Journal</i> , 2021, 27, 4384-4393.	1.7	6
61	<i>Origanum syriacum</i> Phytochemistry and Pharmacological Properties: A Comprehensive Review. <i>Molecules</i> , 2022, 27, 4272.	1.7	6
62	RadA, a MSCRAMM Adhesin of the Dominant Symbiote <i>Ruminococcus gnavus</i> E1, Binds Human Immunoglobulins and Intestinal Mucins. <i>Biomolecules</i> , 2021, 11, 1613.	1.8	5
63	Chemical Modification of 1-Aminocyclopropane Carboxylic Acid (ACC) Oxidase: Cysteine Mutational Analysis, Characterization, and Bioconjugation with a Nitroxide Spin Label. <i>Molecular Biotechnology</i> , 2019, 61, 650-662.	1.3	4
64	A versatile and straightforward process to turn plastics into antibacterial materials. <i>Polymer Chemistry</i> , 2021, 13, 69-79.	1.9	3
65	Serum Stable and Low Hemolytic Temporin-SHa Peptide Analogs Disrupt Cell Membrane of Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA). <i>Probiotics and Antimicrobial Proteins</i> , 2022, 14, 391-405.	1.9	3
66	Carbamylated erythropoietin enhances mice ventilatory responses to changes in O ₂ but not CO ₂ levels. <i>Respiratory Physiology and Neurobiology</i> , 2016, 232, 1-12.	0.7	2
67	Study of the Antioxidant and Anti-Inflammatory Properties of the Biological Extracts of <i>Psophocarpus tetragonolobus</i> Using Two Extraction Methods. <i>Molecules</i> , 2021, 26, 4435.	1.7	2
68	Design, Synthesis and Characterization of [G10a]-Temporin SHa Dendrimers as Dual Inhibitors of Cancer and Pathogenic Microbes. <i>Biomolecules</i> , 2022, 12, 770.	1.8	2
69	In silico identification of two novel antimicrobial peptides with antibacterial activity against multi-drug resistant <i>Staphylococcus aureus</i> . <i>Access Microbiology</i> , 2019, 1, .	0.2	1
70	<i>Ziziphus nummularia</i> : A Comprehensive Review of Its Phytochemical Constituents and Pharmacological Properties. <i>Molecules</i> , 2022, 27, 4240.	1.7	1
71	Tu1785 – Eb8018 is Able to Decrease Tnf α Secretion in T84 Cells and Hek Cells by Blocking Interaction Between FimH Adhesin and Toll Like Receptor 4. <i>Gastroenterology</i> , 2019, 156, S-1122.	0.6	0
72	The enteric nerve system as target of regulated and emerging food-associated mycotoxins.. , 0, , .		0