

Rosa Lemmens-Gruber

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,368
citations

331670

21
h-index

330143

37
g-index

50
all docs

50
docs citations

50
times ranked

1958
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclodepsipeptides from Marine Sponges: Natural Agents for Drug Research. <i>Marine Drugs</i> , 2010, 8, 810-834.	4.6	121
2	Investigation of the electrophysiological properties of enniatins. <i>Archives of Biochemistry and Biophysics</i> , 2004, 429, 215-223.	3.0	114
3	Enniatin Exerts p53-Dependent Cytostatic and p53-Independent Cytotoxic Activities against Human Cancer Cells. <i>Chemical Research in Toxicology</i> , 2007, 20, 465-473.	3.3	114
4	Sex-Specific differences in metabolic control, cardiovascular risk, and interventions in patients with type 2 diabetes mellitus. <i>Gender Medicine</i> , 2010, 7, 571-583.	1.4	81
5	Clinical pharmacy activities in chronic kidney disease and end-stage renal disease patients: a systematic literature review. <i>BMC Nephrology</i> , 2011, 12, 35.	1.8	80
6	TLR 2 and CD14 Mediate Innate Immunity and Lung Inflammation to Staphylococcal Pantone-Valentine Leukocidin In Vivo. <i>Journal of Immunology</i> , 2011, 186, 1608-1617.	0.8	68
7	Oxidative stress and DNA interactions are not involved in Enniatin- and Beauvericin-mediated apoptosis induction. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 1112-1122.	3.3	61
8	Investigation of the Spasmolytic Activity of the Flavonoid Fraction of <i>Achillea millefolium</i> s.l. on Isolated Guinea-pig Ileum. <i>Arzneimittelforschung</i> , 2006, 56, 582-588.	0.4	55
9	Interactions between ABC-transport proteins and the secondary <i>Fusarium</i> metabolites enniatin and beauvericin. <i>Molecular Nutrition and Food Research</i> , 2009, 53, 904-920.	3.3	55
10	A Novel Tumor Necrosis Factor-mediated Mechanism of Direct Epithelial Sodium Channel Activation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 522-532.	5.6	49
11	Thyroid Disorders. <i>Handbook of Experimental Pharmacology</i> , 2013, , 361-386.	1.8	43
12	Sex-specific-differences in cardiometabolic risk in type 1 diabetes: a cross-sectional study. <i>Cardiovascular Diabetology</i> , 2013, 12, 78.	6.8	38
13	IFN- γ Increases Listeriolysin O-Induced Membrane Permeabilization and Death of Macrophages. <i>Journal of Immunology</i> , 2008, 180, 4116-4123.	0.8	35
14	Effects of Beauvericin on the Metabolic State and Ionic Homeostasis of Ventricular Myocytes of the Guinea Pig. <i>Chemical Research in Toxicology</i> , 2005, 18, 1661-1668.	3.3	30
15	The naturally born fusariotoxin enniatin B and sorafenib exert synergistic activity against cervical cancer in vitro and in vivo. <i>Biochemical Pharmacology</i> , 2015, 93, 318-331.	4.4	28
16	Proarrhythmic effects of antidepressants and neuroleptic drugs on isolated, spontaneously beating guinea-pig Purkinje fibers. <i>European Journal of Pharmaceutical Sciences</i> , 1999, 7, 113-118.	4.0	27
17	Essential Structural Features of TNF- α Lectin-like Domain Derived Peptides for Activation of Amiloride-Sensitive Sodium Current in A549 Cells. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 8021-8029.	6.4	27
18	A C-terminal Membrane Anchor Affects the Interactions of Prion Proteins with Lipid Membranes. <i>Journal of Biological Chemistry</i> , 2014, 289, 30144-30160.	3.4	27

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19	Calpain-Mediated Integrin Deregulation as a Novel Mode of Action for the Anticancer Gallium Compound KP46. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 2436-2449.	4.1	25
20	AP301, a synthetic peptide mimicking the lectin-like domain of TNF, enhances amiloride-sensitive Na ⁺ current in primary dog, pig and rat alveolar type II cells. <i>Pulmonary Pharmacology and Therapeutics</i> , 2013, 26, 356-363.	2.6	24
21	Mechanism of Action of Novel Lung Edema Therapeutic AP301 by Activation of the Epithelial Sodium Channel. <i>Molecular Pharmacology</i> , 2013, 84, 899-910.	2.3	23
22	The Natural Fungal Metabolite Beauvericin Exerts Anticancer Activity In Vivo: A Pre-Clinical Pilot Study. <i>Toxins</i> , 2017, 9, 258.	3.4	22
23	Phosphorylation of cardiac voltage-gated sodium channel: Potential players with multiple dimensions. <i>Acta Physiologica</i> , 2019, 225, e13210.	3.8	22
24	The Lectin-like Domain of TNF Increases ENaC Open Probability through a Novel Site at the Interface between the Second Transmembrane and C-terminal Domains of the α -Subunit. <i>Journal of Biological Chemistry</i> , 2016, 291, 23440-23451.	3.4	20
25	Glycosylation-dependent activation of epithelial sodium channel by solnatide. <i>Biochemical Pharmacology</i> , 2015, 98, 740-753.	4.4	18
26	Adherence to clinical guidelines in the prevention of coronary heart disease in type II diabetes mellitus. <i>International Journal of Clinical Pharmacy</i> , 2007, 30, 120-127.	1.4	16
27	The clinical pharmacist's contributions within the multidisciplinary patient care team of an intern nephrology ward. <i>International Journal of Clinical Pharmacy</i> , 2011, 33, 759-762.	2.1	16
28	Restoration of Epithelial Sodium Channel Function by Synthetic Peptides in Pseudohypoaldosteronism Type 1B Mutants. <i>Frontiers in Pharmacology</i> , 2017, 8, 85.	3.5	16
29	Studies on the chemistry of thienoannellated O,N- and S,N-containing heterocycles. Part 30: Synthesis and pharmacological properties of thieno[2,3-b][1,4]thiazines with potential vasopressin receptor antagonistic activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006, 14, 826-836.	3.0	14
30	Altered membrane rigidity via enhanced endogenous cholesterol synthesis drives cancer cell resistance to destruxins. <i>Oncotarget</i> , 2018, 9, 25661-25680.	1.8	14
31	Improved synthesis and pharmacologic activity of the enantiomers of a new benzofurane type antiarrhythmic compound. <i>Chirality</i> , 1994, 6, 329-336.	2.6	13
32	TNF Lectin-Like Domain Restores Epithelial Sodium Channel Function in Frameshift Mutants Associated with Pseudohypoaldosteronism Type 1B. <i>Frontiers in Immunology</i> , 2017, 8, 601.	4.8	12
33	Identification of phosphorylation sites and binding pockets for modulation of Na ^v 1.5 channel by Fyn tyrosine kinase. <i>FEBS Journal</i> , 2018, 285, 2520-2530.	4.7	10
34	The role of the nAChR subunits $\alpha 5$, $\alpha 2$, and $\alpha 4$ on synaptic transmission in the mouse superior cervical ganglion. <i>Physiological Reports</i> , 2019, 7, e14023.	1.7	8
35	Cardiotoxic effects of fenfluramine hydrochloride on isolated cardiac preparations and ventricular myocytes of guinea-pigs. <i>British Journal of Pharmacology</i> , 2000, 129, 843-852.	5.4	6
36	Synthesis and pharmacological profile of non-peptide vasopressin antagonists. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 24, 421-431.	4.0	6

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37	Novel screening test to assess the potential environmental toxicity of waste water samples. <i>Environmental Toxicology and Pharmacology</i> , 2005, 19, 385-388.	4.0	5
38	Evaluation of educational needs in patients with diabetes mellitus in respect of medication use in Austria. <i>International Journal of Clinical Pharmacy</i> , 2012, 34, 490-500.	2.1	5
39	Luteapyrone, a Novel α -Pyrone Isolated from the Filamentous Fungus <i>Metapochonia lutea</i> . <i>Molecules</i> , 2021, 26, 6589.	3.8	5
40	Voltage gated ion channels blockade is the underlying mechanism of BIMU8 induced cardiotoxicity. <i>Toxicology Letters</i> , 2017, 277, 64-68.	0.8	4
41	Obesity and Diabetes. <i>Handbook of Experimental Pharmacology</i> , 2013, , 307-340.	1.8	3
42	Comparative Studies of New Thienothiazine Derivatives on Heart and Smooth Muscle Preparations of Guinea Pigs.. <i>Biological and Pharmaceutical Bulletin</i> , 1999, 22, 453-456.	1.4	2
43	Evaluation of risk factor management of patients treated on an internal nephrology ward: a pilot study. <i>BMC Clinical Pharmacology</i> , 2009, 9, 15.	2.5	2
44	Clinical characteristics, modalities and complications of diabetic patients with migration background at a Central European University Clinic. <i>Wiener Medizinische Wochenschrift</i> , 2011, 161, 128-135.	1.1	2
45	Patent focus on agents affecting cardiovascular and renal functions November 1999 - March 2000. <i>Expert Opinion on Therapeutic Patents</i> , 2000, 10, 533-548.	5.0	1
46	Adrenal Disorders. <i>Handbook of Experimental Pharmacology</i> , 2013, , 341-359.	1.8	1
47	Structure-activity relationships of new thienothiazine derivatives in isolated heart and smooth muscle preparations of guinea pigs. <i>General Pharmacology</i> , 1999, 33, 319-324.	0.7	0
48	The lectin-like domain of TNF directly increases ENaC activity. <i>FASEB Journal</i> , 2013, 27, 913.40.	0.5	0
49	Molecular mechanism of lung oedema clearance by AP301: dependence of ENaC pore forming subunits (LB781). <i>FASEB Journal</i> , 2014, 28, LB781.	0.5	0
50	Glycosylation-dependent activation of ENaC by the TNF lectin like domain derived peptide AP301. <i>FASEB Journal</i> , 2015, 29, 844.9.	0.5	0