

ElÅ¼bieta Kamysz

List of Publications by Year in descending order

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53
papers

929
citations

471371

17
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526166

27
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53
all docs

53
docs citations

53
times ranked

1341
citing authors

#	ARTICLE	IF	CITATIONS
1	The major surface-metalloprotease of the parasitic protozoan, Leishmania, protects against antimicrobial peptide-induced apoptotic killing. <i>Molecular Microbiology</i> , 2006, 62, 1484-1497.	1.2	98
2	Potential Therapeutic Role of Cationic Peptides in Three Experimental Models of Septic Shock. <i>Antimicrobial Agents and Chemotherapy</i> , 2002, 46, 2132-2136.	1.4	60
3	The antimicrobial peptide Tachyplesin III coated alone and in combination with intraperitoneal piperacillin-tazobactam prevents ureteral stent Pseudomonas infection in a rat subcutaneous pouch model. <i>Peptides</i> , 2007, 28, 2293-2298.	1.2	50
4	Lipidated Analogs of the LL-37-Derived Peptide Fragment KR12—Structural Analysis, Surface-Active Properties and Antimicrobial Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 887.	1.8	50
5	Human opiorphin: The lack of physiological dependence, tolerance to antinociceptive effects and abuse liability in laboratory mice. <i>Behavioural Brain Research</i> , 2010, 213, 88-93.	1.2	40
6	Temporin A is effective in MRSA-infected wounds through bactericidal activity and acceleration of wound repair in a murine model. <i>Peptides</i> , 2008, 29, 520-528.	1.2	33
7	Retro analog concept: comparative study on physico-chemical and biological properties of selected antimicrobial peptides. <i>Amino Acids</i> , 2017, 49, 1755-1771.	1.2	30
8	Amphibian peptides prevent endotoxemia and bacterial translocation in bile duct-ligated rats*. <i>Critical Care Medicine</i> , 2006, 34, 2415-2420.	0.4	27
9	In vitro susceptibility of dermatophytes to conventional and alternative antifungal agents. <i>Medical Mycology</i> , 2009, 47, 321-326.	0.3	26
10	In vitro activity of Protegrin-1, alone and in combination with clinically useful antibiotics, against <i>Acinetobacter baumannii</i> strains isolated from surgical wounds. <i>Medical Microbiology and Immunology</i> , 2019, 208, 877-883.	2.6	26
11	New Peptide Inhibitor of Dipeptidyl Peptidase IV, EMDB-1 Extends the Half-Life of GLP-2 and Attenuates Colitis in Mice after Topical Administration. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017, 363, 92-103.	1.3	24
12	Alanine Scanning Studies of the Antimicrobial Peptide Aurein 1.2. <i>Probiotics and Antimicrobial Proteins</i> , 2019, 11, 1042-1054.	1.9	23
13	Antimicrobial Activity of Different Antimicrobial Peptides (AMPs) Against Clinical Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA). <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2116-2126.	1.0	23
14	The lipopeptides Pal-Lys-NH ₂ and Pal-Lys-Lys soaking alone and in combination with intraperitoneal vancomycin prevent vascular graft biofilm in a subcutaneous rat pouch model of staphylococcal infection. <i>Peptides</i> , 2007, 28, 1299-1303.	1.2	22
15	In vitro activity and in vivo animal model efficacy of IB-367 alone and in combination with imipenem and colistin against Gram-negative bacteria. <i>Peptides</i> , 2014, 55, 17-22.	1.2	21
16	Antimicrobial and conformational studies of the active and inactive analogues of the protegrin-1 peptide. <i>FEBS Journal</i> , 2010, 277, 1010-1022.	2.2	20
17	In vitro activity of the lipopeptide derivative (Pal-lys-lys-NH ₂), alone and in combination with antifungal agents, against clinical isolates of dermatophytes. <i>British Journal of Dermatology</i> , 2009, 161, 249-252.	1.4	17
18	Activity of short lipopeptides and conventional antimicrobials against planktonic cells and biofilms formed by clinical strains of <i>Staphylococcus aureus</i> . <i>Future Medicinal Chemistry</i> , 2012, 4, 1541-1551.	1.1	17

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19	Anti-inflammatory effect of novel analogs of natural enkephalinase inhibitors in a mouse model of experimental colitis. <i>Future Medicinal Chemistry</i> , 2016, 8, 2231-2243.	1.1	17
20	Systemic Administration of Sialorphin Attenuates Experimental Colitis in Mice via Interaction With Mu and Kappa Opioid Receptors. <i>Journal of Crohn's and Colitis</i> , 2017, 11, 988-998.	0.6	17
21	In vitro activity of the synthetic lipopeptide PAL-Lys-Lys-NH ₂ alone and in combination with antifungal agents against clinical isolates of <i>Cryptococcus neoformans</i> . <i>Peptides</i> , 2007, 28, 1509-1513.	1.2	16
22	The influence of the cyclopeptide sequence on its coordination abilities towards Cu(II). <i>Polyhedron</i> , 2010, 29, 1535-1542.	1.0	16
23	Synergistic combinations of antimicrobial peptides against biofilms of methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) on polystyrene and medical devices. <i>Journal of Global Antimicrobial Resistance</i> , 2020, 21, 203-210.	0.9	16
24	Characterization of the effects of opiorphin and sialorphin and their analogs substituted in position 1 with pyroglutamic acid on motility in the mouse ileum. <i>Journal of Peptide Science</i> , 2013, 19, 166-172.	0.8	15
25	In vitro activity of the protegrin IB367 alone and in combination compared with conventional antifungal agents against dermatophytes. <i>Mycoses</i> , 2014, 57, 233-239.	1.8	15
26	In vitro activity of Tachyplesin III alone and in combination with terbinafine against clinical isolates of dermatophytes. <i>Peptides</i> , 2009, 30, 1794-1797.	1.2	14
27	Synthesis, biological activity and conformational analysis of head-to-tail cyclic analogues of LL37 and histatin 5. <i>Journal of Peptide Science</i> , 2012, 18, 560-566.	0.8	13
28	IB-367 pre-treatment improves the in vivo efficacy of teicoplanin and daptomycin in an animal model of wounds infected with methicillin-resistant <i>Staphylococcus aureus</i> . <i>Journal of Medical Microbiology</i> , 2013, 62, 1552-1558.	0.7	12
29	Synergistic effect of antimicrobial peptide LL-37 and colistin combination against multidrug-resistant <i>Escherichia coli</i> isolates. <i>Future Microbiology</i> , 2021, 16, 221-227.	1.0	12
30	In vitro activity of the lipopeptide PAL-Lys-Lys-NH ₂ , alone and in combination with antifungal agents, against clinical isolates of <i>Candida</i> spp.. <i>Peptides</i> , 2011, 32, 99-103.	1.2	11
31	Synthesis, biological activity and solution structure of new analogues of the antimicrobial Gramicidin S. <i>Journal of Peptide Science</i> , 2011, 17, 211-217.	0.8	11
32	Lipopeptide Laur-CKK-NH ₂ dimer preserves daptomycin susceptibility and enhances its activity against <i>Enterococcus faecalis</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2011, 66, 859-862.	1.3	11
33	Probing the binding selected metal ions and biologically active substances to the antimicrobial peptide LL-37 using DSC, ITC measurements and calculations. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019, 138, 4523-4529.	2.0	11
34	Efficacy of Cathelicidin LL-37 in an MRSA Wound Infection Mouse Model. <i>Antibiotics</i> , 2021, 10, 1210.	1.5	10
35	Influence of Dimerization of Lipopeptide Laur-Orn-Orn-Cys-NH ₂ and an N-terminal Peptide of Human Lactoferricin on Biological Activity. <i>International Journal of Peptide Research and Therapeutics</i> , 2015, 21, 39-46.	0.9	9
36	Alanine scan of sialorphin and its hybrids with opiorphin: synthesis, molecular modelling and effect on enkephalins degradation. <i>Amino Acids</i> , 2018, 50, 1083-1088.	1.2	9

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37	In vitro and in vivo effects of sub-MICs of pexiganan and imipenem on <i>Pseudomonas aeruginosa</i> adhesion and biofilm development. <i>Infezioni in Medicina</i> , 2013, 21, 287-95.	0.7	8
38	Efficacy of the Combination of Tachyplesin III and Clarithromycin in Rat Models of <i>Escherichia coli</i> Sepsis. <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 4351-4355.	1.4	7
39	The synthesis of opiorphin and studies on its binding ability toward Cu(II). <i>Tetrahedron Letters</i> , 2010, 51, 2486-2488.	0.7	7
40	Protective Effect of Citropin 1.1 and Tazobactam-Piperacillin Against Oxidative Damage and Lethality in Mice Models of Gram-Negative Sepsis. <i>Journal of Surgical Research</i> , 2011, 171, 726-733.	0.8	7
41	Antinociceptive potency of enkephalins and enkephalinase inhibitors in the mouse model of colorectal distension – proof of concept. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1387-1392.	1.5	7
42	Efficacy of Pexiganan Combination with Tigecycline in a Mouse Model of <i>Pseudomonas aeruginosa</i> Sepsis. <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2127-2132.	1.0	7
43	Antitumor activity of opiorphin, sialorphin and their conjugates with a peptide klaklaklaklak. <i>Journal of Peptide Science</i> , 2016, 22, 723-730.	0.8	6
44	1-Substituted sialorphin analogues – synthesis, molecular modelling and in vitro effect on enkephalins degradation by NEP. <i>Amino Acids</i> , 2019, 51, 1201-1207.	1.2	6
45	Anti-Inflammatory Effect of Homo- and Heterodimers of Natural Enkephalinase Inhibitors in Experimental Colitis in Mice. <i>Molecules</i> , 2020, 25, 5820.	1.7	6
46	Anti-inflammatory and antibacterial effects of human cathelicidin active fragment KR-12 in the mouse models of colitis: a novel potential therapy of inflammatory bowel diseases. <i>Pharmacological Reports</i> , 2021, 73, 163-171.	1.5	5
47	Tachyplesin III and granulocyte-colony stimulating factor enhance the efficacy of tazobactam/piperacillin in a neutropenic mouse model of polymicrobial peritonitis. <i>Peptides</i> , 2008, 29, 31-38.	1.2	4
48	Effect of head-to-tail cyclization on conformation of histatin 5. <i>Journal of Peptide Science</i> , 2014, 20, 952-957.	0.8	4
49	Copper(II) coordination properties of GxG peptides: Key role of side chains of central residues on coordination of formed systems; combined potentiometric and ITC studies. <i>Journal of Chemical Thermodynamics</i> , 2019, 128, 336-343.	1.0	4
50	Effect of omiganan on colonic anastomosis healing in a rat model of peritonitis. <i>American Journal of Translational Research (discontinued)</i> , 2017, 9, 3374-3386.	0.0	4
51	Sialorphin and its analog as ligands for copper(II) ions. <i>Polyhedron</i> , 2013, 55, 216-224.	1.0	3
52	Synthesis and conformational analysis of salivary proline-rich peptide P. <i>Journal of Peptide Science</i> , 2010, 16, 709-715.	0.8	1
53	The Coordination Abilities of Three Novel Analogues of Saliva Peptides: The Influence of Structural Modification on the Copper Binding. <i>International Journal of Peptide Research and Therapeutics</i> , 2017, 23, 409-418.	0.9	1