

Piotr Rekowski

List of Publications by Year in descending order

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68
papers

746
citations

516215

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610482

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72
all docs

72
docs citations

72
times ranked

829
citing authors

#	ARTICLE	IF	CITATIONS
1	Origin of the positive 225â€“230 nm circular dichroism band in proteins. <i>Biophysical Chemistry</i> , 1988, 31, 45-51.	1.5	41
2	Differential salutary effects of nonselective and selective COX-2 inhibitors in postoperative ileus in rats. <i>Journal of Surgical Research</i> , 2003, 109, 161-169.	0.8	35
3	Cell-penetrating peptides as a promising tool for delivery of various molecules into the cells. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 52, 257-269.	0.6	34
4	Structural requirements for conserved Arg52 residue for interaction of the human immunodeficiency virus type 1 trans-activation responsive element with trans-activator of transcription protein (49â€“57). <i>Journal of Chromatography A</i> , 2002, 968, 211-220.	1.8	32
5	Transportan 10 improves the pharmacokinetics and pharmacodynamics of vancomycin. <i>Scientific Reports</i> , 2019, 9, 3247.	1.6	32
6	Problem of aspartimide formation in Fmocâ€“based solidâ€“phase peptide synthesis using Dmab group to protect side chain of aspartic acid. <i>Journal of Peptide Science</i> , 2008, 14, 335-341.	0.8	27
7	Synthesis of arginine-vasopressins, modified in positions 1 and 2, as antagonists of the vasopressor response to the parent hormone. <i>Journal of Medicinal Chemistry</i> , 1988, 31, 603-606.	2.9	25
8	Experimental models of protein-RNA interaction: isolation and analyses of tRNA(Phe) and U1 snRNA-binding peptides from bacteriophage display libraries. <i>The Protein Journal</i> , 1999, 18, 425-435.	1.1	24
9	Protein and siRNA delivery by transportan and transportan 10 into colorectal cancer cell lines. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 52, 270-280.	0.6	24
10	Separation of siderophores by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 830, 183-189.	1.8	23
11	Anticodon Domain Methylated Nucleosides of Yeast tRNAPhe Are Significant Recognition Determinants in the Binding of a Phage Display Selected Peptide. <i>Biochemistry</i> , 2001, 40, 14191-14199.	1.2	23
12	TP10-Dopamine Conjugate as a Potential Therapeutic Agent in the Treatment of Parkinsonâ€™s Disease. <i>Bioconjugate Chemistry</i> , 2019, 30, 760-774.	1.8	23
13	Influence of Lâ€“naphthylalanine in position 3 of AVP and its analogues on their pharmacological properties. <i>Chemical Biology and Drug Design</i> , 1997, 49, 261-268.	1.2	21
14	Intracerebroventricular galanin and N-terminal galanin fragment enhance the morphine-induced analgesia in the rat. <i>Journal of Neural Transmission</i> , 1995, 102, 229-235.	1.4	20
15	Capillary electrophoresis study of systemin peptides spreading in tomato plant. <i>Electrophoresis</i> , 2019, 40, 336-342.	1.3	20
16	Fluorescence study of conformational flexibility of RNase S-peptide: Distance-distribution, end-to-end diffusion, and anisotropy decays. <i>Biochemistry</i> , 1993, 32, 12337-12345.	1.2	18
17	Effects of Diabetes mellitus on the Contractile Activity of Carbachol and Galanin in Isolated Gastric Fundus Strips of Rats. <i>Pharmacology</i> , 1998, 57, 65-78.	0.9	18
18	Epigenetic inhibitor zebularine activates ear pinna wound closure in the mouse. <i>EBioMedicine</i> , 2019, 46, 317-329.	2.7	17

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19	GALANIN, GALANTIDE AND GALANIN(1-14)-[\pm -AMINO BUTYRIC ACID8]-SCYLORHININ-I: STRUCTURE DEPENDENT EFFECTS ON THE RAT ISOLATED GASTRIC FUNDUS. <i>Pharmacological Research</i> , 1997, 35, 7-16.	3.1	16
20	Interaction of RNA with phage display selected peptides analyzed by capillary electrophoresis mobility shift assay. <i>Rna</i> , 2002, 8, 698-704.	1.6	16
21	„, <i>Journal of Gastrointestinal Surgery</i> , 2004, 8, 346-357.	0.9	16
22	Mechanism of the Activation of Proteinase Inhibitor Synthesis by Systemin Involves β 2-Sheet Structure, a Specific DNA-Binding Protein Domain. <i>Journal of Structural Biology</i> , 1995, 115, 30-36.	1.3	15
23	Synthesis and Hybridization Studies of a New CPP-PNA Conjugate as a Potential Therapeutic Agent in Atherosclerosis Treatment. <i>Protein and Peptide Letters</i> , 2014, 21, 672-678.	0.4	15
24	Aspartimide Modified Galanin Analogue Antagonizes Galanin Action on Insulin Secretion. <i>Protein and Peptide Letters</i> , 2010, 17, 1182-1188.	0.4	14
25	New galanin(1-15) analogues modified in positions 9, 10 and 11 act as galanin antagonists on glucose-induced insulin secretion. <i>Journal of Physiology and Pharmacology</i> , 2007, 58, 859-72.	1.1	13
26	Synthesis, Antidiuretic and Pressor Activities of [Arginine4]Arginine-Vasopressin and Two Related Analogues.. <i>Acta Chemica Scandinavica</i> , 1985, 39b, 453-457.	0.7	12
27	Actions of galanin and some of its analogues on rat isolated gastric fundus*. <i>Fundamental and Clinical Pharmacology</i> , 1996, 10, 442-449.	1.0	11
28	Inhibition of gastric acid secretion by galanin in rats. <i>Regulatory Peptides</i> , 1998, 74, 53-59.	1.9	11
29	â€Clickâ€™ chemistry synthesis and capillary electrophoresis study of 1,4-linked 1,2,3-triazole AZT-systemin conjugate. <i>Journal of Peptide Science</i> , 2014, 20, 696-703.	0.8	11
30	Monitoring of the purification of systemin by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1996, 734, 410-415.	1.8	10
31	Thermoregulatory activity of sodium nitroprusside and arginine vasopressin. <i>General Pharmacology</i> , 1995, 26, 393-397.	0.7	9
32	Fluorescence and Monte Carlo conformational studies of the (1â€15) galanin amide fragment. <i>Biophysical Chemistry</i> , 1996, 58, 303-312.	1.5	9
33	A peptide nucleic acid (PNA)-mediated polymerase chain reaction clamping allows the selective inhibition of the ERVWE1 gene amplification. <i>Molecular and Cellular Probes</i> , 2014, 28, 237-241.	0.9	9
34	CONTRACTILE ACTION OF GALANIN ANALOGUES ON RAT ISOLATED GASTRIC FUNDUS STRIPS IS MODIFIED BY TACHYPHYLAXIS TO SUBSTANCE P. <i>Pharmacological Research</i> , 1996, 33, 361-365.	3.1	8
35	Conformation of Systemin, a Polypeptide Activator of Proteinase Inhibitor Synthesis in Plants. <i>Collection of Czechoslovak Chemical Communications</i> , 1999, 64, 553-558.	1.0	8
36	The contractile effects of several substituted short analogues of porcine galanin in isolated rat jejunal and colonic smooth muscle strips. <i>Pharmacological Research</i> , 2005, 52, 283-289.	3.1	8

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37	A Novel, Highly Selective RT-QPCR Method for Quantification of MSRV Using PNA Clamping Syncytin-1 (ERVWE1). <i>Molecular Biotechnology</i> , 2015, 57, 801-813.	1.3	7
38	Specific induction of Z-DNA conformation by a nuclear localization signal peptide of lupin glutaminyI tRNA synthetase. <i>Molecular Biology Reports</i> , 2000, 27, 51-54.	1.0	6
39	Cell-penetrating peptides modulate the vascular action of phenylephrine. <i>Pharmacological Reports</i> , 2011, 63, 195-199.	1.5	5
40	PTD4 Peptide Increases Neural Viability in an In Vitro Model of Acute Ischemic Stroke. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6086.	1.8	5
41	Synthesis of three NH ₂ -terminally extended arginine-vasopressins with prolonged biological activities. <i>Experientia</i> , 1987, 43, 1211-1212.	1.2	4
42	Sequence-Altered Peptide Adopts Optimum Conformation for Modification-Dependent Binding of the Yeast tRNAPheAnticodon Domain. <i>Protein Journal</i> , 2004, 23, 33-38.	0.7	4
43	The application of strand invasion phenomenon, directed by peptide nucleic acid (<sc>PNA</sc>) and single-stranded <sc>DNA</sc> binding protein (<sc>SSB</sc>) for the recognition of specific sequences of human endogenous retroviral <sc>HERV-W</sc> family. <i>Journal of Molecular Recognition</i> , 2017, 30, e2600.	1.1	4
44	Lysine ¹⁴ Galanin(1–15)-IMH ₂ : A Partial Agonist at Galanin Receptors in Rat Isolated Gastric Fundus. <i>Pharmacology</i> , 1997, 55, 179-184.	0.9	3
45	CONTRACTILE EFFECTS OF PORCINE GALANIN(1â29)-NH ₂ ON THE RAT ISOLATED GASTRIC FUNDUS: MEDIATION BY POTASSIUM IONS. <i>Pharmacological Research</i> , 1997, 36, 147-151.	3.1	3
46	Systemin â An inducer of proteinase inhibitor synthesis can be responsible for biological activity of a lupin extract against insects. <i>Journal of Plant Physiology</i> , 1997, 150, 220-223.	1.6	3
47	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 2002, 9, 91-99.	0.1	3
48	Monitoring the Transcriptional Activity of Human Endogenous Retroviral HERV-W Family Using PNA Strand Invasion into Double-Stranded DNA. <i>Molecular Biotechnology</i> , 2018, 60, 124-133.	1.3	3
49	Actions of several substituted short analogues of porcine galanin on isolated rat fundus strips: a structure-activity relationship. <i>Journal of Physiology and Pharmacology</i> , 2001, 52, 127-36.	1.1	3
50	Interaction of Arginine-Rich Cell-Penetrating Peptides with an Artificial Neuronal Membrane. <i>Cells</i> , 2022, 11, 1638.	1.8	3
51	Title is missing!. <i>International Journal of Peptide Research and Therapeutics</i> , 1998, 5, 345-348.	0.1	2
52	Increased potency of some substituted short peptide analogues in comparison to galanin(1-15)-NH ₂ in rat fundus strips. <i>Pharmacological Research</i> , 2001, 44, 47-51.	3.1	2
53	Galanin and its analogues: A structure-activity relationship studies in rat isolated gastric smooth muscles. <i>International Journal of Peptide Research and Therapeutics</i> , 2002, 9, 91-99.	0.1	2
54	Interaction of HIV Tat Peptides With tRNAPhe from Yeast. <i>Collection of Czechoslovak Chemical Communications</i> , 1998, 63, 842-850.	1.0	2

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55	Synthesis and biological properties of new chimeric galanin analogue GAL(1-13)-[Ala ^{10,11} ET-1(6-21)-NH ₂ . Journal of Physiology and Pharmacology, 2005, 56, 273-85.	1.1	2
56	Constrictory activity of three new arginine-vasopressin (AVP) analogues (ALA-AVP, SER-ALA-AVP,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Communications, 1988, 20, 377-381.	0.2	1
57	Nuclease properties of two putative zinc finger peptides. International Journal of Biological Macromolecules, 1993, 15, 259-264.	3.6	1
58	Pharmacological characterization of the contractile effects of galanin(NH_2), galantide and galanin(NH_2)scyliorhinin in the rat gastric fundus. Fundamental and Clinical Pharmacology, 1997, 11, 576-583.	1.0	1
59	Circular dichroism studies of the interaction of Tat analogues substituted in the Arg52 position with TAR RNA HIV-1. International Journal of Peptide Research and Therapeutics, 1998, 5, 345-348.	0.1	1
60	THE INHIBITORY EFFECTS OF TERIKALANT ON THE CONTRACTILE ACTIVITY OF GALANIN IN ISOLATED RAT FUNDUS STRIPS. Pharmacological Research, 2000, 41, 585-587.	3.1	1
61	The Tertiary Structure of Plant Peptide Hormone Systemin and the Mechanism of its Action. , 1998, , 41-47.		1
62	Ru(II)-mediated Synthesis and Bioactivity Evaluation of 1,4,5- trisubstituted N-phthalimido Protected 5-bromo-1,2,3-triazolic Amino Acid. Letters in Organic Chemistry, 2018, 15, 282-289.	0.2	1
63	New Chimeric Analogues of Galanin: Synthesis and Effects on the Glucose-Induced Insulin Secretion. International Journal of Peptide Research and Therapeutics, 1998, 5, 417-420.	0.1	0
64	New chimeric analogues of galanin: Synthesis and effects on the glucose-induced insulin secretion. International Journal of Peptide Research and Therapeutics, 1998, 5, 417-420.	0.1	0
65	Mechanisms of Galanin-induced Contraction of Isolated Rat Gastric Fundus Strips. Pharmacy and Pharmacology Communications, 2000, 6, 415-420.	0.3	0
66	Interaction of Native RNAs with Tat Peptides. , 1999, , 277-290.		0
67	Conopressins and their analogs: synthesis, antidiuretic and behavioral effects. Polish Journal of Pharmacology and Pharmacy, 1991, 43, 361-7.	0.0	0
68	Synthesis and some pharmacological properties of two new antagonists of oxytocin. Polish Journal of Pharmacology and Pharmacy, 1987, 39, 303-7.	0.0	0