

Wolfgang Voelter

List of Publications by Year in descending order

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36
papers

467
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759233

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638
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#	ARTICLE	IF	CITATIONS
1	Effect and Mechanisms of Antibacterial Peptide Fraction from Mucus of <i>C. aspersum</i> against <i>Escherichia coli</i> NBIMCC 8785. <i>Biomedicines</i> , 2022, 10, 672.	3.2	4
2	Investigation of protein expression of <i>Saccharomyces cerevisiae</i> cells in quiescent and proliferating state before and after toxic stress. <i>Biotechnology and Biotechnological Equipment</i> , 2021, 35, 366-376.	1.3	4
3	Prothymosin $\hat{\pm}$ and Its C-Terminal Immunoreactive Decapeptide Show no Evidence of Acute Toxicity: A Preliminary in Silico, in Vitro and in Vivo Investigation. <i>Current Medicinal Chemistry</i> , 2021, 28, .	2.4	1
4	De Novo Structural Determination of the Oligosaccharide Structure of Hemocyanins from Molluscs. <i>Biomolecules</i> , 2020, 10, 1470.	4.0	4
5	Antimicrobial Activities of Different Fractions from Mucus of the Garden Snail <i>Cornu aspersum</i> . <i>Biomedicines</i> , 2020, 8, 315.	3.2	14
6	In Vitro Immunodetection of Prothymosin Alpha in Normal and Pathological Conditions. <i>Current Medicinal Chemistry</i> , 2020, 27, 4840-4854.	2.4	4
7	Development of a specific IgY-based ELISA for prothymosin alpha, a bioactive polypeptide with diagnostic and therapeutic potential. <i>Heliyon</i> , 2019, 5, e02616.	3.2	3
8	Structural and conformational stability of hemocyanin from the garden snail <i>Cornu aspersum</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2019, 74, 113-123.	1.4	3
9	Antitumor activity of <i>Helix</i> hemocyanin against bladder carcinoma permanent cell lines. <i>Biotechnology and Biotechnological Equipment</i> , 2019, 33, 20-32.	1.3	10
10	Antitumor Reactive T-Cell Responses Are Enhanced In Vivo by DAMP Prothymosin Alpha and Its C-Terminal Decapeptide. <i>Cancers</i> , 2019, 11, 1764.	3.7	10
11	In vivo biodistribution and imaging studies with a ^{99m} Tc-radiolabeled derivative of the C-terminus of prothymosin alpha in mice bearing experimentally-induced inflammation. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 113, 188-197.	4.3	5
12	Human Deiminases: Isoforms, Substrate Specificities, Kinetics, and Detection. <i>Progress in the Chemistry of Organic Natural Products</i> , 2017, 106, 203-240.	1.1	9
13	A fragment of the alarmin prothymosin $\hat{\pm}$ as a novel biomarker in murine models of bacteria-induced sepsis. <i>Oncotarget</i> , 2017, 8, 48635-48649.	1.8	6
14	Prothymosin Alpha: An Alarmin and More.... <i>Current Medicinal Chemistry</i> , 2017, 24, 1747-1760.	2.4	25
15	Structure-Activity Relationship of Chlorotoxin-Like Peptides. <i>Toxins</i> , 2016, 8, 36.	3.4	26
16	A Cytokine Cocktail Augments the Efficacy of Adoptive NK-92 Cell Therapy Against Mouse Xenografts of Human Cancer. <i>Anticancer Research</i> , 2016, 36, 3373-82.	1.1	3
17	Specific in vitro binding of a new ^{99m} Tc-radiolabeled derivative of the C-terminal decapeptide of prothymosin alpha on human neutrophils. <i>International Journal of Pharmaceutics</i> , 2015, 486, 1-12.	5.2	18
18	Solid phase synthesis, NMR structure determination of $\hat{\pm}$ -KTx3.8, its in silico docking to Kv1.x potassium channels, and electrophysiological analysis provide insights into toxin-channel selectivity. <i>Toxicon</i> , 2015, 101, 70-78.	1.6	9

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19	Synthesis and characterization of some new fluoroquinolone-barbiturate hybrid systems. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2015, 70, 513-517.	0.7	2
20	Structure-Activity Relationship of a Highly Selective Peptidyl Inhibitor of Kv1.3 Voltage-Gated K ⁺ -Channel from Scorpion (<i>B. sindicus</i>) Venom. International Journal of Peptide Research and Therapeutics, 2014, 20, 19-32.	1.9	7
21	Development of an ELISA for the quantification of the C-terminal decapeptide prothymosin $\hat{\pm}$ (100 $\hat{\pm}$ 109) in sera of mice infected with bacteria. Journal of Immunological Methods, 2013, 395, 54-62.	1.4	10
22	Design and Synthesis of a Peptidyl-FRET Substrate for Tumor Marker Enzyme human Matrix Metalloprotease-2 (hMMP-2). International Journal of Peptide Research and Therapeutics, 2012, 18, 207-215.	1.9	6
23	Synthesis of O-[2-[18F]fluoro-3-(2-nitro-1H-imidazole-1-yl)propyl]tyrosine ([18F]FNT) as a new class of tracer for imaging hypoxia. Journal of Radioanalytical and Nuclear Chemistry, 2012, 292, 1025-1033.	1.5	4
24	Prothymosin $\hat{\pm}$ immunoactive carboxyl-terminal peptide TKKQKTDEDD stimulates lymphocyte reactions, induces dendritic cell maturation and adopts a $\hat{\beta}$ 2-sheet conformation in a sequence-specific manner. Molecular Immunology, 2009, 46, 784-792.	2.2	34
25	Immunocytological and Preliminary Immunohistochemical Studies of Prothymosin $\hat{\pm}$, a Human Cancer-associated Polypeptide, With a Well-characterized Polyclonal Antibody. Journal of Histochemistry and Cytochemistry, 2008, 56, 1023-1031.	2.5	12
26	Development and immunochemical evaluation of antibodies Y for the poorly immunogenic polypeptide prothymosin alpha. Peptides, 2006, 27, 183-193.	2.4	32
27	A New Clerodane Diterpene and Other Constituents from <i>Ajuga chamaepitys</i> ssp. <i>laevigata</i> . Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2004, 59, 584-588.	0.7	14
28	A New Antibacterial Diterpene from the Roots of <i>Salvia caespitosa</i> . Natural Product Research, 2001, 15, 307-314.	0.4	15
29	Antibacterial Diterpenes from the Roots of <i>Salvia lepharochlaena</i> . Journal of Natural Products, 2001, 64, 549-551.	3.0	67
30	Substrate Specificity of the Highly Alkalophilic Bacterial Proteinase Esperase: Relation to the X-Ray Structure. Current Microbiology, 2001, 42, 368-371.	2.2	7
31	Sequence-specific ¹ H, ¹⁵ N, and ¹³ C assignment of the N-terminal domain of the human oncoprotein MDM2 that binds to p53. Journal of Biomolecular NMR, 2000, 17, 91-92.	2.8	13
32	Synergy between interleukin-2 and prothymosin $\hat{\pm}$ for the increased generation of cytotoxic T lymphocytes against autologous human carcinomas. Cancer Immunology, Immunotherapy, 2000, 49, 449-458.	4.2	19
33	Immunoprotective Effect of Cu/Zn Superoxide Dismutase on Myeloid Graffi Tumor-Bearing Hamsters. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2000, 55, 649-656.	1.4	2
34	Rational design, conformational studies and bioactivity of highly potent conformationally constrained calcitonin analogues. FEBS Journal, 1999, 265, 606-618.	0.2	26
35	Purification and primary structure of low molecular mass peptides from scorpion (<i>Buthus sindicus</i>) venom. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 1998, 121, 323-332.	1.8	31
36	Acid-labile anchoring linkages for solid phase synthesis of C-terminal asparagine peptides using the Fmoc strategy. International Journal of Peptide and Protein Research, 1990, 36, 182-187.	0.1	8