Dagmara Tymecka

List of Publications by Year in descending order

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34 papers	541 citations	566801 15 h-index	676716 22 g-index
34 all docs	34 docs citations	34 times ranked	665 citing authors

#	Article	IF	Citations
1	Î²-Homo-amino Acid Scan of Angiotensin IV. Journal of Medicinal Chemistry, 2008, 51, 2291-2296.	2.9	49
2	Electron Transfer Across Î±-Helical Peptide Monolayers: Importance of Interchain Coupling. Langmuir, 2012, 28, 17287-17294.	1.6	34
3	Novel selective human melanocortin-3 receptor ligands: Use of the 4-amino-1,2,4,5-tetrahydro-2-benzazepin-3-one (Aba) scaffold. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 2492-2498.	1.0	31
4	Enantioseparation of Î²2-amino acids on cinchona alkaloid-based zwitterionic chiral stationary phases. Structural and temperature effects. Journal of Chromatography A, 2014, 1334, 44-54.	1.8	28
5	HPLC enantioseparation of Î²²â€homoamino acids using crown etherâ€based chiral stationary phase. Journal of Separation Science, 2009, 32, 981-987.	1.3	27
6	Comparison of performance of Chirobiotic T, T2 and TAG columns in the separation of Î²²â€• and Î²³â€homoamino acids. Journal of Separation Science, 2008, 31, 3688-3697.	1.3	25
7	The Role of VEGF Receptors as Molecular Target in Nuclear Medicine for Cancer Diagnosis and Combination Therapy. Cancers, 2021, 13, 1072.	1.7	25
8	Diastereoselective Pictetâ€“Spengler condensation of tryptophan with Î±-amino aldehydes as chiral carbonyl components. Tetrahedron, 2008, 64, 1506-1514.	1.0	23
9	Branched pentapeptides as potent inhibitors of the vascular endothelial growth factor 165 binding to Neuropilin-1: Design, synthesis and biological activity. European Journal of Medicinal Chemistry, 2018, 158, 453-462.	2.6	23
10	Amyloidogenic Properties of Short Î±-<scp>l</scp>-Glutamic Acid Oligomers. Langmuir, 2015, 31, 10500-10507.	1.6	21
11	Modulation of Activity of Ultrashort Lipopeptides toward Negatively Charged Model Lipid Films. Langmuir, 2017, 33, 4619-4627.	1.6	19
12	High-performance liquid chromatographic enantioseparation of Î²2-amino acids using a long-tethered (+)-(18-crown-6)-2,3,11,12-tetracarboxylic acid-based chiral stationary phase. Journal of Chromatography A, 2010, 1217, 1075-1082.	1.8	18
13	Structure-activity relationship study of tetrapeptide inhibitors of the Vascular Endothelial Growth Factor A binding to Neuropilin-1. Peptides, 2017, 94, 25-32.	1.2	18
14	Comparison of the Separation Performances of Cinchona Alkaloid-Based Zwitterionic Stationary Phases in the Enantioseparation of Î²2- and Î²3-Amino Acids. Molecules, 2015, 20, 70-87.	1.7	16
15	SERS and DFT Study of Noble-Metal-Anchored Cys-Trp/Trp-Cys Dipeptides: Influence of Main-Chain Direction and Terminal Modifications. Journal of Physical Chemistry C, 2020, 124, 7097-7116.	1.5	16
16	Highâ€performance liquid chromatographic chiral separation of Î²²â€homoamino acids. Chirality, 2009, 21, 787-798.	1.3	15
17	Conformational latitude â€“ activity relationship of KPPR tetrapeptide analogues toward their ability to inhibit binding of vascular endothelial growth factor 165 to neuropilinâ€1. Journal of Peptide Science, 2017, 23, 445-454.	0.8	15
18	Physicochemical and Biological Characterization of Novel Membrane-Active Cationic Lipopeptides with Antimicrobial Properties. Langmuir, 2020, 36, 12900-12910.	1.6	15

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19	Beware of Cocktails: Chain-Length Bidispersity Triggers Explosive Self-Assembly of Poly-<scp>l</scp>-Glutamic Acid Î²₂-Fibrils. Biomacromolecules, 2016, 17, 1376-1382.	2.6	14
20	Triazolopeptides Inhibiting the Interaction between Neuropilin-1 and Vascular Endothelial Growth Factor-165. Molecules, 2019, 24, 1756.	1.7	13
21	Neuropilin-1 peptide-like ligands with proline mimetics, tested using the improved chemiluminescence affinity detection method. MedChemComm, 2019, 10, 332-340.	3.5	12
22	Lipopeptide-induced changes in permeability of solid supported bilayers composed of bacterial membrane lipids. Journal of Electroanalytical Chemistry, 2018, 812, 227-234.	1.9	10
23	Diverse effect of cationic lipopeptide on negatively charged and neutral lipid bilayers supported on gold electrodes. Electrochimica Acta, 2019, 298, 735-744.	2.6	10
24	Novel bifunctional hybrid compounds designed to enhance the effects of opioids and antagonize the pronociceptive effects of nonopioid peptides as potent analgesics in a rat model of neuropathic pain. Pain, 2021, 162, 432-445.	2.0	9
25	Synthesis, Physicochemical and Biological Study of Gallium-68- and Lutetium-177-Labeled VEGF-A165/NRP-1 Complex Inhibitors Based on Peptide A7R and Branched Peptidomimetic. Pharmaceutics, 2022, 14, 100.	2.0	8
26	Synthesis, binding affinities and metabolic stability of dimeric dermorphin analogs modified withÎ²³-homo-amino acids. Journal of Peptide Science, 2016, 22, 222-227.	0.8	7
27	Enantioseparation of ÃŸ-amino acids by liquid chromatography using core-shell chiral stationary phases based on teicoplanin and teicoplanin aglycone. Journal of Chromatography A, 2021, 1653, 462383.	1.8	7
28	Î²2-Homo-Amino Acid Scan of Âµ-Selective Opioid Tetrapeptide TAPP. Molecules, 2020, 25, 2461.	1.7	6
29	Chymase Dependent Pathway of Angiotensin II Generation and Rapeseed Derived Peptides for Antihypertensive Treatment of Spontaneously Hypertensive Rats. Frontiers in Pharmacology, 2021, 12, 658805.	1.6	6
30	Solution Phase Peptide Synthesis: The Case of Biphalin. Methods in Molecular Biology, 2020, 2103, 1-11.	0.4	6
31	Enkephalin degradation in serum of patients with inflammatory bowel diseases. Pharmacological Reports, 2019, 71, 42-47.	1.5	5
32	Multifunctional Enkephalin Analogs with a New Biological Profile: MOR/DOR Agonism and KOR Antagonism. Biomedicines, 2021, 9, 625.	1.4	5
33	Interactions of Linear Analogues of Battacin with Negatively Charged Lipid Membranes. Membranes, 2021, 11, 192.	1.4	4
34	Dimeric Dermorphin Analogues Containing Î²3-Homo-Amino Acids: Synthesis, Binding Affinities and Metabolic Stability. , 2015, , .		1