

Jerzy Silberring

List of Publications by Year in descending order

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176
papers

3,655
citations

186265
28
h-index

182427
51
g-index

207
all docs

207
docs citations

207
times ranked

4507
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Degradation of Human Antimicrobial Peptide LL-37 by <i>Staphylococcus aureus</i> -Derived Proteinases. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 4673-4679. | 3.2 | 454 |
| 2 | Methods for samples preparation in proteomic research. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 849, 1-31. | 2.3 | 194 |
| 3 | Catecholamines and methods for their identification and quantitation in biological tissues and fluids. <i>Journal of Neuroscience Methods</i> , 2002, 113, 1-13. | 2.5 | 130 |
| 4 | Isolation of a hemoglobin-derived opioid peptide from cerebrospinal fluid of patients with cerebrovascular bleedings. <i>Biochemical and Biophysical Research Communications</i> , 1992, 184, 1060-1066. | 2.1 | 100 |
| 5 | Antibacterial activities of temporin A analogs. <i>FEBS Letters</i> , 2000, 479, 6-9. | 2.8 | 97 |
| 6 | Plasma-based ambient ionization mass spectrometry in bioanalytical sciences. <i>Mass Spectrometry Reviews</i> , 2016, 35, 22-34. | 5.4 | 83 |
| 7 | Prolyl Tripeptidyl Peptidase from <i>Porphyromonas gingivalis</i> . <i>Journal of Biological Chemistry</i> , 1999, 274, 9246-9252. | 3.4 | 81 |
| 8 | Biomarker discovery and clinical proteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 128-140. | 11.4 | 78 |
| 9 | Identification of catecholamines in the immune system by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1998, 12, 683-688. | 1.5 | 67 |
| 10 | The influence of chronic stress on multiple opioid peptide systems in the rat: pronounced effects upon dynorphin in spinal cord. <i>Brain Research</i> , 1987, 413, 213-219. | 2.2 | 64 |
| 11 | Activities of Temporin Family Peptides against the Chytrid Fungus (<i>Batrachochytrium dendrobatidis</i>) Associated with Global Amphibian Declines. <i>Antimicrobial Agents and Chemotherapy</i> , 2003, 47, 1157-1160. | 3.2 | 62 |
| 12 | Nociceptin inhibits acquisition of amphetamine-induced place preference and sensitization to stereotypy in rats. <i>European Journal of Pharmacology</i> , 2003, 474, 233-239. | 3.5 | 57 |
| 13 | A practical guide to nano-LC troubleshooting. <i>Journal of Separation Science</i> , 2007, 30, 2179-2189. | 2.5 | 54 |
| 14 | Proteomics in neurosciences. <i>Mass Spectrometry Reviews</i> , 2007, 26, 432-450. | 5.4 | 50 |
| 15 | Processing of prodynorphin-derived peptides in striatal extracts. Identification by electrospray ionization mass spectrometry linked to size-exclusion chromatography. <i>Life Sciences</i> , 1995, 57, 123-129. | 4.3 | 44 |
| 16 | The activity of CART peptide fragments. <i>Peptides</i> , 2006, 27, 1926-1933. | 2.4 | 44 |
| 17 | Antimicrobial peptides derived from heme-containing proteins: hemocidins. <i>Antonie Van Leeuwenhoek</i> , 2000, 77, 197-207. | 1.7 | 43 |
| 18 | Rat brain proteome in morphine dependence. <i>Neurochemistry International</i> , 2006, 49, 401-406. | 3.8 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Neuropeptide FF (NPFF) reduces the expression of morphine- but not of ethanol-induced conditioned place preference in rats. <i>Peptides</i> , 2007, 28, 2235-2242. | 2.4 | 42 |
| 20 | Cholinesterase inhibitors, donepezil and rivastigmine, attenuate spatial memory and cognitive flexibility impairment induced by acute ethanol in the Barnes maze task in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 1059-1071. | 3.0 | 42 |
| 21 | MINIATURIZATION IN MASS SPECTROMETRY. <i>Mass Spectrometry Reviews</i> , 2020, 39, 453-470. | 5.4 | 40 |
| 22 | Chapter 7 Neuropeptide converting and processing enzymes in the spinal cord and cerebrospinal fluid. <i>Progress in Brain Research</i> , 1995, 104, 111-130. | 1.4 | 35 |
| 23 | Desorption/ionization mass spectrometry on porous silicon dioxide. <i>Sensors and Actuators B: Chemical</i> , 2004, 103, 206-212. | 7.8 | 34 |
| 24 | Proteomic analysis of striatal neuronal cell cultures after morphine administration. <i>Journal of Separation Science</i> , 2009, 32, 1200-1210. | 2.5 | 31 |
| 25 | Flowing atmospheric pressure afterglow combined with laser ablation for direct analysis of compounds separated by thin-layer chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 815-823. | 3.7 | 31 |
| 26 | Inhibition of dynorphin-converting enzymes prolongs the antinociceptive effect of intrathecally administered dynorphin in the mouse formalin test. <i>European Journal of Pharmacology</i> , 1996, 314, 61-67. | 3.5 | 30 |
| 27 | Structure-Property Relationships of a Tetrapyrroliodinyl PNP-Lariat Ether and Its Complexes with Potassium, Sodium, and Silver Cations. <i>Inorganic Chemistry</i> , 2001, 40, 3704-3710. | 4.0 | 29 |
| 28 | Proteomics and peptidomics in neuroscience. Experience of capabilities and limitations in a neurochemical laboratory. <i>Journal of Mass Spectrometry</i> , 2005, 40, 202-213. | 1.6 | 29 |
| 29 | In vivo metabolism of nociceptin/orphanin FQ in rat hippocampus. <i>NeuroReport</i> , 1999, 10, 71-76. | 1.2 | 28 |
| 30 | The Proteomic Analysis of Primary Cortical Astrocyte Cell Culture after Morphine Administration. <i>Journal of Proteome Research</i> , 2009, 8, 4633-4640. | 3.7 | 28 |
| 31 | Thermosensitive PNIPAM-peptide conjugate Synthesis and aggregation. <i>European Polymer Journal</i> , 2013, 49, 499-509. | 5.4 | 28 |
| 32 | Sensitive detection of charge derivatized peptides at the attomole level using nano-LC-ESI-MRM analysis. <i>International Journal of Mass Spectrometry</i> , 2014, 362, 32-38. | 1.5 | 28 |
| 33 | Glycosylation Changes in Serum Proteins Identify Patients with Pancreatic Cancer. <i>Journal of Proteome Research</i> , 2017, 16, 1436-1444. | 3.7 | 27 |
| 34 | The new face of nucleolin in human melanoma. <i>Cancer Immunology, Immunotherapy</i> , 2009, 58, 1471-1480. | 4.2 | 26 |
| 35 | Biotransformation of nociceptin/orphanin FQ by enzyme activity from morphine-naive and morphine-treated cell cultures. <i>Brain Research</i> , 1999, 818, 212-220. | 2.2 | 25 |
| 36 | Orphanin FQ/nociceptin inhibits morphine withdrawal. <i>Life Sciences</i> , 2000, 66, PL119-PL123. | 4.3 | 25 |

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|----|---|-----|-----------|
| 37 | Acid-labile surfactant assists in-solution digestion of proteins resistant to enzymatic attack. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 822-824. | 1.5 | 25 |
| 38 | Proteome analysis of mouse primary astrocytes. <i>Neurochemistry International</i> , 2005, 47, 159-172. | 3.8 | 25 |
| 39 | Supramolecular Assistance to Regioselectivity in the Reactions of Chlorocyclophosphazenes with Sodium Oxyanions: A Macrocyclic Effect and Anion Dependence. <i>Journal of Organic Chemistry</i> , 2001, 66, 5701-5712. | 3.2 | 24 |
| 40 | Non-peptidergic OP4 receptor agonist inhibits morphine antinociception but does not influence morphine dependence. <i>NeuroReport</i> , 2003, 14, 601-604. | 1.2 | 24 |
| 41 | The role of neuropeptide FF (NPFF) in the expression of sensitization to hyperlocomotor effect of morphine and ethanol. <i>Neuropeptides</i> , 2007, 41, 51-58. | 2.2 | 24 |
| 42 | Determination of psychostimulants and their metabolites by electrochemistry linked on-line to flowing atmospheric pressure afterglow mass spectrometry. <i>Analyst</i> , 2014, 139, 4350-4355. | 3.5 | 24 |
| 43 | Influence of cholinesterase inhibitors, donepezil and rivastigmine on the acquisition, expression, and reinstatement of morphine-induced conditioned place preference in rats. <i>Behavioural Brain Research</i> , 2014, 268, 169-176. | 2.2 | 24 |
| 44 | Comparison of synthesis and antibacterial activity of temporin A. <i>FEBS Letters</i> , 1999, 449, 187-190. | 2.8 | 23 |
| 45 | N-terminal H3/D3-acetylation for improved high-throughput peptide sequencing by matrix-assisted laser desorption/ionization mass spectrometry with a time-of-flight/time-of-flight analyzer. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1823-1827. | 1.5 | 23 |
| 46 | Differential Metabolism of Dynorphins in Substantia Nigra, Striatum, and Hippocampus. <i>Peptides</i> , 1997, 18, 949-956. | 2.4 | 22 |
| 47 | Bioactive mesoglobules of poly(di(ethylene glycol) monomethyl ether methacrylate)-peptide conjugate. <i>Journal of Polymer Science Part A</i> , 2012, 50, 3104-3115. | 2.3 | 21 |
| 48 | Micropurification and amino acid sequence of β^2 -casomorphin-8 in milk from a woman with postpartum psychosis. <i>Peptides</i> , 1993, 14, 1125-1132. | 2.4 | 20 |
| 49 | Neuropeptide FF (NPFF) reduces the expression of cocaine-induced conditioned place preference and cocaine-induced sensitization in animals. <i>Peptides</i> , 2008, 29, 933-939. | 2.4 | 20 |
| 50 | Direct analysis of methcathinone from crude reaction mixture by flowing atmospheric pressure afterglow mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 1577-1580. | 1.5 | 20 |
| 51 | Dielectric Barrier Discharge Ionization in Characterization of Organic Compounds Separated on Thin-Layer Chromatography Plates. <i>PLoS ONE</i> , 2014, 9, e106088. | 2.5 | 20 |
| 52 | Magnetic mesoporous silica Fe ₃ O ₄ @SiO ₂ @meso-SiO ₂ and Fe ₃ O ₄ @SiO ₂ @meso-SiO ₂ -NH ₂ as adsorbents for the determination of trace organic compounds. <i>Microporous and Mesoporous Materials</i> , 2017, 240, 80-90. | 4.4 | 20 |
| 53 | Advances in the Study of Aptamer-Protein Target Identification Using the Chromatographic Approach. <i>Journal of Proteome Research</i> , 2018, 17, 2174-2181. | 3.7 | 20 |
| 54 | Arylsulfatase A in serum from patients with cancer of various organs. <i>Clinica Chimica Acta</i> , 1991, 204, 69-77. | 1.1 | 19 |

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|----|---|-----|-----------|
| 55 | An enhanced method for peptides sequencing by N-terminal derivatization and MS. <i>Proteomics</i> , 2005, 5, 4367-4375. | 2.2 | 19 |
| 56 | Molecularly imprinted polymers as selective adsorbents for ambient plasma mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 3393-3405. | 3.7 | 19 |
| 57 | Structure-alkali metal cation complexation relationships for macrocyclic PNP-ariat ether ligands Electronic supplementary information (ESI) available: diagnostic ³¹ P NMR and ¹ H NMR spectral data and combustion analyses for new PNP-ariat and bis-ariat ethers. See http://www.rsc.org/suppdata/p2/b1/b110415b/ . <i>Perkin Transactions II RSC</i> , 2002, , 442-448. | 1.1 | 17 |
| 58 | Metabolism of Cryptic Peptides Derived from Neuropeptide FF Precursors: The Involvement of Insulin-Degrading Enzyme. <i>International Journal of Molecular Sciences</i> , 2014, 15, 16787-16799. | 4.1 | 17 |
| 59 | Cholinergic activation affects the acute and chronic antinociceptive effects of morphine. <i>Physiology and Behavior</i> , 2017, 169, 22-32. | 2.1 | 17 |
| 60 | Capillary liquid chromatography-fast atom bombardment mass spectrometry using a high-resolving cation exchanger, based on a continuous chromatographic matrix Application to studies on neuropeptide peptidases. <i>Biomedical Applications</i> , 1995, 664, 426-430. | 1.7 | 16 |
| 61 | Antinociceptive effect produced by intracerebroventricularly administered dynorphin A is potentiated by p-hydroxymercuribenzoate or phosphoramidon in the mouse formalin test. <i>Brain Research</i> , 2001, 891, 274-280. | 2.2 | 16 |
| 62 | Morphinome - A meta-analysis applied to proteomics studies in morphine dependence. <i>Proteomics</i> , 2011, 11, 5-21. | 2.2 | 16 |
| 63 | Reversible Lysine Acetylation Regulates Activity of Human Glycine N-Acyltransferase-like 2 (hGLYATL2). <i>Journal of Biological Chemistry</i> , 2012, 287, 16158-16167. | 3.4 | 16 |
| 64 | Atmospheric pressure plasma jet with high-voltage power supply based on piezoelectric transformer. <i>Review of Scientific Instruments</i> , 2014, 85, 054703. | 1.3 | 16 |
| 65 | Quantitation and identification of two cholecystokinin peptides, CCK-4 and CCK-8s, in rat brain by HPLC and fast atom bombardment mass spectrometry. <i>Biomedical Chromatography</i> , 1993, 7, 251-255. | 1.7 | 15 |
| 66 | Identification of Functional Domains in Efb, a Fibrinogen Binding Protein of <i>Staphylococcus aureus</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 690-695. | 2.1 | 15 |
| 67 | Synthesis of metabolites of paracetamol and cocaine via photooxidation on TiO ₂ catalyzed by UV light. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2013, 118, 49-57. | 3.8 | 15 |
| 68 | Antibiotic Properties of Novel Synthetic Temporin A Analogs and a Cecropin A-Temporin A Hybrid Peptide. <i>Protein and Peptide Letters</i> , 2002, 9, 533-543. | 0.9 | 15 |
| 69 | Approach to studying proteinase specificity by continuous-flow fast atom bombardment mass spectrometry and high-performance liquid chromatography combined with photodiode-array ultraviolet detection. <i>Journal of Chromatography A</i> , 1991, 554, 83-90. | 3.7 | 14 |
| 70 | LEVELS OF DYNORPHIN PEPTIDES IN THE CENTRAL NERVOUS SYSTEM AND PITUITARY GLAND OF THE SPONTANEOUSLY HYPERTENSIVE RAT. <i>Neurochemistry International</i> , 1997, 31, 27-32. | 3.8 | 14 |
| 71 | A novel cryptic peptide derived from the rat neuropeptide FF precursor reverses antinociception and conditioned place preference induced by morphine. <i>Peptides</i> , 2008, 29, 473-478. | 2.4 | 14 |
| 72 | FAPA mass spectrometry of designer drugs. <i>Talanta</i> , 2016, 146, 29-33. | 5.5 | 14 |

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|----|--|-----|-----------|
| 73 | Hemorphinsâ€”From Discovery to Functions and Pharmacology. <i>Molecules</i> , 2021, 26, 3879. | 3.8 | 14 |
| 74 | Purification and characterization of endoproteases from human choroid plexus cleaving prodynorphin-derived opioid peptides. <i>Brain Research</i> , 1991, 552, 129-135. | 2.2 | 13 |
| 75 | Size-exclusion chromatography performed in capillaries. <i>Biomedical Applications</i> , 1999, 726, 37-43. | 1.7 | 13 |
| 76 | Electrochemical generation of selegiline metabolites coupled to mass spectrometry. <i>Journal of Chromatography A</i> , 2015, 1389, 96-103. | 3.7 | 13 |
| 77 | Inhibition of Dynorphin Converting Enzymes from Human Spinal Cord by N-Peptidyl-O-Acyl Hydroxylamines1. <i>Journal of Biochemistry</i> , 1993, 114, 648-651. | 1.7 | 12 |
| 78 | Molecular Scavengers as Carriers of Analytes for Mass Spectrometry Identification. <i>Analytical Chemistry</i> , 2014, 86, 11226-11229. | 6.5 | 12 |
| 79 | Relevance of the Poly(ethylene glycol) Linkers in Peptide Surfaces for Proteases Assays. <i>Langmuir</i> , 2014, 30, 5015-5025. | 3.5 | 12 |
| 80 | Determination of hexabromocyclododecane by flowing atmospheric pressure afterglow mass spectrometry. <i>Talanta</i> , 2014, 128, 58-62. | 5.5 | 12 |
| 81 | Peptidyl Ammonium Methyl Ketones as Substrate Analog Inhibitors of Proline-Specific Peptidases. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1993, 7, 77-85. | 0.5 | 11 |
| 82 | Identification of major cellular proteins synthesized in response to interleukin-1 and interleukin-6 in human hepatoma HepG2 cells. <i>Cytokine</i> , 2006, 33, 111-117. | 3.2 | 11 |
| 83 | Cysteine protease inhibitors suppress the development of tolerance to morphine antinociception. <i>Neuropeptides</i> , 2008, 42, 239-244. | 2.2 | 11 |
| 84 | Constant activity of glutamine synthetase after morphine administration versus proteomic results. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 2939-2942. | 3.7 | 11 |
| 85 | Dynorphin converting enzyme in the rat spinal cord. decreased activities during acute phase of adjuvant induced arthritis. <i>Life Sciences</i> , 1992, 50, 839-847. | 4.3 | 10 |
| 86 | Application of fast-atom bombardment mass spectrometry for sequencing of a hemoglobin fragment, naturally occurring in human cerebrospinal fluid. <i>Rapid Communications in Mass Spectrometry</i> , 1992, 6, 777-780. | 1.5 | 10 |
| 87 | Opiate modulation of dynorphin conversion in primary cultures of rat cerebral cortex. <i>Brain Research</i> , 1997, 760, 85-93. | 2.2 | 10 |
| 88 | Electrospray ionization tandem mass spectrometry for poly(propylene oxide) starting and end group analysis. , 1999, 13, 2469-2473. | | 10 |
| 89 | Identification of catecholamines in the immune system by desorption/ionization on silicon. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1969-1972. | 1.5 | 10 |
| 90 | Dansyl-PQRamide, a putative antagonist of NPFF receptors, reduces anxiety-like behavior of ethanol withdrawal in a plus-maze test in rats. <i>Peptides</i> , 2009, 30, 1165-1172. | 2.4 | 10 |

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|-----|--|-----|-----------|
| 91 | Synthesis and characterisation of PEG-peptide surfaces for proteolytic enzyme detection. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 9049-9059. | 3.7 | 10 |
| 92 | Magnetic scavengers as carriers of analytes for flowing atmospheric pressure afterglow mass spectrometry (FAPA-MS). <i>Analyst, The</i> , 2015, 140, 6138-6144. | 3.5 | 10 |
| 93 | The kisspeptin derivative kissorphan reduces the acquisition, expression, and reinstatement of ethanol-induced conditioned place preference in rats. <i>Alcohol</i> , 2019, 81, 11-19. | 1.7 | 10 |
| 94 | Insulin/IGF1-PI3K-dependent nucleolar localization of a glycolytic enzyme - phosphoglycerate mutase 2, is necessary for proper structure of nucleolus and RNA synthesis. <i>Oncotarget</i> , 2015, 6, 17237-17250. | 1.8 | 10 |
| 95 | Application of high performance liquid chromatography combined with diode-array detection for analysis of proteins and peptides in human cerebrospinal fluid. <i>Biomedical Chromatography</i> , 1989, 3, 203-208. | 1.7 | 9 |
| 96 | Rat neuronal cells in primary culture as a model for nociceptin/orphanin FQ metabolism. <i>Neuroscience Letters</i> , 2003, 348, 167-170. | 2.1 | 9 |
| 97 | Characterisation of a highly specific, endogenous inhibitor of cysteine protease from <i>Staphylococcus epidermidis</i> , a new member of the staphostatin family. <i>Biological Chemistry</i> , 2004, 385, 543-546. | 2.5 | 9 |
| 98 | Influence of nociceptin(1-17) fragments and its tyrosine-substituted derivative on morphine-withdrawal signs in rats. <i>Neuropeptides</i> , 2004, 38, 277-282. | 2.2 | 9 |
| 99 | Proteomic analysis of rat cerebral cortex, hippocampus and striatum after exposure to morphine. <i>International Journal of Molecular Medicine</i> , 2006, 18, 775. | 4.0 | 9 |
| 100 | A comparative study of glycoproteomes in androgen-sensitive and -independent prostate cancer cell lines. <i>Molecular and Cellular Biochemistry</i> , 2014, 386, 189-198. | 3.1 | 9 |
| 101 | Desorption electrospray ionization-based imaging of interaction between vascular graft and human body. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 192-196. | 3.4 | 9 |
| 102 | The new kisspeptin derivative "kissorphan (KSO)" attenuates acute hyperlocomotion and sensitization induced by ethanol and morphine in mice. <i>Alcohol</i> , 2017, 64, 45-53. | 1.7 | 9 |
| 103 | IDE Degrades Nociceptin/Orphanin FQ through an Insulin Regulated Mechanism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4447. | 4.1 | 9 |
| 104 | LWV-hemorphin-7 (LWV-H7) plays a role in antinociception in a rat model of alcohol-induced pain disorders. <i>Peptides</i> , 2021, 136, 170455. | 2.4 | 9 |
| 105 | Rapamycin Improves Spatial Learning Deficits, Vulnerability to Alcohol Addiction and Altered Expression of the GluN2B Subunit of the NMDA Receptor in Adult Rats Exposed to Ethanol during the Neonatal Period. <i>Biomolecules</i> , 2021, 11, 650. | 4.0 | 9 |
| 106 | Catalytic Iodination of proteins by horse myeloperoxidase in solid state. <i>Analytical Biochemistry</i> , 1976, 72, 372-379. | 2.4 | 8 |
| 107 | Analysis of tyrosine- and methionine-containing neuropeptides by fast atom bombardment mass spectrometry. <i>Biomedical Applications</i> , 1991, 562, 459-467. | 1.7 | 8 |
| 108 | Strategies in studies on neuropeptide processing using mass spectrometry. <i>Biochemical Society Transactions</i> , 1994, 22, 136-140. | 3.4 | 8 |

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|-----|--|-----|-----------|
| 109 | Metabolism of $\hat{1}^2$ -endorphin in plasma studied by liquid chromatography-electrospray ionization mass spectrometry. <i>Regulatory Peptides</i> , 1998, 73, 67-72. | 1.9 | 8 |
| 110 | Solution conformational study of nociceptin and its 1-13 and 1-11 fragments using circular dichroism and two-dimensional NMR in conjunction with theoretical conformational analysis. <i>Journal of Peptide Science</i> , 2004, 10, 678-690. | 1.4 | 8 |
| 111 | Differential effects of N-peptidyl-O-acyl hydroxylamines on dynorphin-induced antinociception in the mouse capsaicin test. <i>Neuropeptides</i> , 2005, 39, 569-573. | 2.2 | 8 |
| 112 | Fingerprinting of 3, 4-Methylenedioxyamphetamine Markers by Desorption/Ionization on Porous Silicon. <i>European Journal of Mass Spectrometry</i> , 2006, 12, 253-259. | 1.0 | 8 |
| 113 | Electrochemical Simulation of Cocaine Metabolism—A Step toward Predictive Toxicology for Drugs of Abuse. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 279-285. | 1.0 | 8 |
| 114 | Fast atom bombardment mass spectrometric analysis of arginine-containing neuropeptides. <i>Biological Mass Spectrometry</i> , 1990, 19, 819-821. | 0.5 | 7 |
| 115 | Analysis of human pituitary growth hormone and its charge variants by fast-atom bombardment mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 1991, 5, 579-581. | 1.5 | 7 |
| 116 | Characterization of immunoreactive dynorphin B and $\hat{1}^2$ -endorphin in human plasma. <i>Peptides</i> , 1998, 19, 1329-1337. | 2.4 | 7 |
| 117 | Acquisition and reinstatement of ethanol-induced conditioned place preference in rats: Effects of the cholinesterase inhibitors donepezil and rivastigmine. <i>Journal of Psychopharmacology</i> , 2016, 30, 676-687. | 4.0 | 7 |
| 118 | The influence of a new derivative of kisspeptin-10 — Kissorphin (KSO) on the rewarding effects of morphine in the conditioned place preference (CPP) test in male rats. <i>Behavioural Brain Research</i> , 2019, 372, 112043. | 2.2 | 7 |
| 119 | Crypteins - An Overlooked Piece of Peptide Systems. <i>Current Protein and Peptide Science</i> , 2015, 16, 203-218. | 1.4 | 7 |
| 120 | A universal and simple chloramine T version for hormone iodination. <i>The International Journal of Applied Radiation and Isotopes</i> , 1982, 33, 117-119. | 0.7 | 6 |
| 121 | Analgesic and convulsant effects of guanidinoethylmercaptosuccinic acid (GEMSA) — A potent enkephalin convertase inhibitor. <i>Neuropeptides</i> , 1986, 8, 359-365. | 2.2 | 6 |
| 122 | Desorption/ionization mass spectrometry on array of silicon microtips. <i>Journal of Vacuum Science & Technology an Official Journal of the American Vacuum Society B, Microelectronics Processing and Phenomena</i> , 2005, 23, 819. | 1.6 | 6 |
| 123 | Crypteins derived from the mouse neuropeptide FF (NPFF)A precursor display NPFF-like effects in nociceptive tests in mice. <i>Peptides</i> , 2012, 36, 17-22. | 2.4 | 6 |
| 124 | Phenylmethanesulfonyl fluoride, a serine protease inhibitor, suppresses naloxone-precipitated withdrawal jumping in morphine-dependent mice. <i>Neuropeptides</i> , 2013, 47, 187-191. | 2.2 | 6 |
| 125 | Patients with alcohol use disorder increase pain and analgesics use: A nationwide population-based cohort study. <i>Drug and Alcohol Dependence</i> , 2021, 229, 109102. | 3.2 | 6 |
| 126 | Kinetics of [3H]-prazosin binding to the rat cortex during aging. <i>Pharmacology Biochemistry and Behavior</i> , 1988, 31, 505-507. | 2.9 | 5 |

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|-----|---|-----|-----------|
| 127 | Proteomic profiles in cerebrospinal fluid from alcoholic subjects. <i>Biomedical Chromatography</i> , 1994, 8, 137-141. | 1.7 | 5 |
| 128 | Electrospray mass spectrometric studies of noncovalent complexes of buspirone hydrochloride and other serotonin 5-HT _{1A} receptor ligands containing arylpiperazine moieties. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 2139-2146. | 1.5 | 5 |
| 129 | Attenuated Kinin Release from Human Neutrophil Elastase-Pretreated Kininogens by Tissue and Plasma Kallikreins. <i>Biological Chemistry</i> , 2003, 384, 929-37. | 2.5 | 5 |
| 130 | Identification of bikunin as an endogenous inhibitor of dynorphin convertase in human cerebrospinal fluid. <i>FEBS Journal</i> , 2006, 273, 5113-5120. | 4.7 | 5 |
| 131 | Differential binding of tropomyosin isoforms to actin modified with m-maleimidobenzoyl-N-hydroxysuccinimide ester and fluorescein-5-isothiocyanate. <i>Analytical Biochemistry</i> , 2009, 394, 48-55. | 2.4 | 5 |
| 132 | Suppressive effects by cysteine protease inhibitors on naloxone-precipitated withdrawal jumping in morphine-dependent mice. <i>Neuropeptides</i> , 2010, 44, 279-283. | 2.2 | 5 |
| 133 | Molecular level differentiation between end-capped and intramolecular azofunctional oligo(ϵ -caprolactone) positional isomers through liquid chromatography multistage mass spectrometry. <i>Journal of Polymer Science Part A</i> , 2012, 50, 2421-2431. | 2.3 | 5 |
| 134 | FAPA mass spectrometry of hydroxychalcones. Comparative studies with classical methods of ionization. <i>Current Issues in Pharmacy and Medical Sciences</i> , 2014, 27, 27-31. | 0.4 | 5 |
| 135 | Inhibitors of neuropeptide peptidases engaged in pain and drug dependence. <i>Neuropharmacology</i> , 2020, 175, 108137. | 4.1 | 5 |
| 136 | Synthesis And Characterization Of New Temporin A Analogs And A Hybrid Peptide. <i>Protein and Peptide Letters</i> , 2001, 8, 443-450. | 0.9 | 5 |
| 137 | Dynorphin Convertases and their Functions in CNS. <i>Current Pharmaceutical Design</i> , 2012, 19, 1043-1051. | 1.9 | 5 |
| 138 | OPIATE SENSITIVE DYNORPHIN CONVERSION IN SH-SY5Y HUMAN NEUROBLASTOMA CELLS: EVIDENCE FOR INHIBITION BY DYNORPHIN RELATED PEPTIDES. <i>Analgesia (Elmsford, N Y)</i> , 1995, 1, 821-824. | 0.5 | 5 |
| 139 | Enkephalin convertase in the rat spinal cord. <i>Neuropeptides</i> , 1986, 8, 367-376. | 2.2 | 4 |
| 140 | Inhibition of Proteases with Enkephalin-Analogue Inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 1991, 4, 289-298. | 0.5 | 4 |
| 141 | Application of photodiode array detection and fast atom bombardment mass spectrometry for the identification of the arginine residue in neuropeptides. <i>Biomedical Chromatography</i> , 1991, 5, 240-247. | 1.7 | 4 |
| 142 | C-Terminal glycine is crucial for hyperalgesic activity of nociceptin/orphanin FQ-(1-6). <i>European Journal of Pharmacology</i> , 2001, 419, 33-37. | 3.5 | 4 |
| 143 | CART (85-102) Inhibition of psychostimulant-induced hyperlocomotion: Importance of cyclization. <i>Peptides</i> , 2006, 27, 3183-3192. | 2.4 | 4 |
| 144 | Cryptic peptide derived from the rat neuropeptide FF precursor affects G-proteins linked to opioid receptors in the rat brain. <i>Peptides</i> , 2008, 29, 1988-1993. | 2.4 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | Miniature plasma jet for mass spectrometry. Proceedings of SPIE, 2013, , . | 0.8 | 4 |
| 146 | 2D Electrophoretic pattern of bovine placental proteins during earlyâ€mid pregnancy. Journal of Mass Spectrometry, 2020, 55, e4483. | 1.6 | 4 |
| 147 | Synthesis of the Novel Covalent Cysteine Proteases Inhibitor with Iodoacetic Functional Group. Molecules, 2020, 25, 813. | 3.8 | 4 |
| 148 | The insulin-degrading enzyme as a link between insulin and neuropeptides metabolism. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 183-187. | 5.2 | 4 |
| 149 | Control of the RIA method as viewed from the standpoint of the investigation on the kinetics of the insulin-125I-antibody reaction. European Journal of Nuclear Medicine and Molecular Imaging, 1976, 1, 155-158. | 2.1 | 3 |
| 150 | Horse leucocyte proteinase-inhibitor system. Kinetic parameters of the inhibition reaction. International Journal of Biochemistry & Cell Biology, 1985, 17, 509-513. | 0.5 | 3 |
| 151 | Characterization of neurotensin-like immunoreactivity in human cerebrospinal fluid by high-performance liquid chromatography combined with mass spectrometry. Biological Mass Spectrometry, 1994, 23, 225-229. | 0.5 | 3 |
| 152 | Detection of legal highs in the urine of methadoneâ€treated patient by LCâ€MS. Basic and Clinical Pharmacology and Toxicology, 2019, 125, 253-258. | 2.5 | 3 |
| 153 | Changes in Protein Glycosylation as a Result of Aptamer Interactions with Cancer Cells. Proteomics - Clinical Applications, 2020, 14, 1800186. | 1.6 | 3 |
| 154 | Enzymatic iodination of human growth hormone by myeloperoxidase in the solid state. Clinica Chimica Acta, 1977, 79, 609-610. | 1.1 | 2 |
| 155 | A modified radioimmunoassay for arylsulfatase A in human serum and urine. Clinica Chimica Acta, 1986, 158, 23-31. | 1.1 | 2 |
| 156 | Highly efficient proteinase assay with chromogenic substrates and its application in a study of enzyme inhibitors. Analytica Chimica Acta, 1990, 238, 331-337. | 5.4 | 2 |
| 157 | Dynorphin A Inhibits Nociceptin-Converting Enzyme from the Rat Spinal Cord. Biochemical and Biophysical Research Communications, 2001, 287, 927-931. | 2.1 | 2 |
| 158 | Myeloperoxidase-catalyzed oxidative inactivation of human kininogens: the impairment of kinin-precursor and prekallikrein-binding functions. Biological Chemistry, 2011, 392, 263-74. | 2.5 | 2 |
| 159 | iTRAQ Analysis with Paul Ion Trapâ€Obstacle Solved. Journal of Proteome Research, 2013, 12, 4607-4611. | 3.7 | 2 |
| 160 | Integrated workflow for quantitative phosphoproteomic analysis of the selected brain structures in development of morphine dependence. Pharmacological Reports, 2014, 66, 1003-1010. | 3.3 | 2 |
| 161 | Comparison of Cysteine and Serine Protease Inhibitors on Dynorphin B-Induced Antinociception in the Mouse Capsaicin Test. Pain Research, 1997, 12, 59-64. | 0.1 | 2 |
| 162 | Mass spectrometry in art conservationâ€With focus on paintings. Mass Spectrometry Reviews, 2023, 42, 1625-1646. | 5.4 | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 163 | Erratum to Book Review on "Mass spectrometry and hyphenated techniques in neuropeptide research"; Journal of the American Society for Mass Spectrometry, 2003, 14, 287-287. | 2.8 | 1 |
| 164 | Evaluation of the Possibility of Mucin Adsorption onto Implantation Materials. Solid State Phenomena, 2013, 199, 550-555. | 0.3 | 1 |
| 165 | Fundamental Strategies of Protein and Peptide Sample Preparation. , 2013, , 25-77. | | 1 |
| 166 | Identification of catecholamines in the immune system by electrospray ionization mass spectrometry. Rapid Communications in Mass Spectrometry, 1998, 12, 683-688. | 1.5 | 1 |
| 167 | Polymers for peptide/protein arrays. Polimery, 2015, 60, 75-86. | 0.7 | 1 |
| 168 | RIA system programming by means of kinetic parameters. European Journal of Nuclear Medicine and Molecular Imaging, 1979, 4, 467-469. | 2.1 | 0 |
| 169 | An improved off-line program for intertechnique system users. European Journal of Nuclear Medicine and Molecular Imaging, 1981, 6, 119-120. | 2.1 | 0 |
| 170 | Utilization of Mass Spectrometry in Clinical Chemistry. , 2008, , 287-297. | | 0 |
| 171 | Doping Control. , 2008, , 225-233. | | 0 |
| 172 | Gel Electrophoresis. , 2013, , 107-133. | | 0 |
| 173 | Quantitative Measurements in Proteomics. , 2013, , 135-150. | | 0 |
| 174 | Validation in Proteomics and Regulatory Affairs. , 2013, , 217-233. | | 0 |
| 175 | Application of the NanoLC-MS/MS Technique for Protein Analysis of Biofilm on Surface of Mandibular Fixation with X-Ray Detection of Metallic Ions Relocation to the Osseous Tissue. Solid State Phenomena, 2013, 199, 531-537. | 0.3 | 0 |
| 176 | Jacek NamieÅnik "Analytical Chemist and Dedicated Biker: From Wine Analysis to Toxic Compounds. Molecules, 2021, 26, 3536. | 3.8 | 0 |