

Kurt Boonen

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

903
citations

516710

16
h-index

526287

27
g-index

30
all docs

30
docs citations

30
times ranked

1446
citing authors

#	ARTICLE	IF	CITATIONS
1	Peptidomic analysis of the larval <i>Drosophila melanogaster</i> central nervous system by two-dimensional capillary liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2005, 40, 250-260.	1.6	161
2	Ultrafiltration and size exclusion chromatography combined with asymmetrical flow field-flow fractionation for the isolation and characterisation of extracellular vesicles from urine. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1490143.	12.2	103
3	Peptidomics: The integrated approach of MS, hyphenated techniques and bioinformatics for neuropeptide analysis. <i>Journal of Separation Science</i> , 2008, 31, 427-445.	2.5	95
4	UV crosslinked mRNA-binding proteins captured from leaf mesophyll protoplasts. <i>Plant Methods</i> , 2016, 12, 42.	4.3	53
5	Neuropeptides of the islets of Langerhans: A peptidomics study. <i>General and Comparative Endocrinology</i> , 2007, 152, 231-241.	1.8	51
6	Comparative peptidomics of <i>Caenorhabditis elegans</i> versus <i>C. briggsae</i> by LC-MALDI-TOF MS. <i>Peptides</i> , 2009, 30, 449-457.	2.4	45
7	Functional neuropeptidomics in invertebrates. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2015, 1854, 812-826.	2.3	35
8	Metabolic profiling of a transgenic <i>Caenorhabditis elegans</i> Alzheimer model. <i>Metabolomics</i> , 2015, 11, 477-486.	3.0	33
9	Integrating -Omics: Systems Biology as Explored Through <i>C. elegans</i> Research. <i>Journal of Molecular Biology</i> , 2015, 427, 3441-3451.	4.2	30
10	Peptidomics of Neuropeptidergic Tissues of the Tsetse Fly <i>Glossina morsitans morsitans</i> . <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 2024-2038.	2.8	28
11	Mass spectrometric evidence for neuropeptide-amidating enzymes in <i>C. elegans</i> . <i>Journal of Biological Chemistry</i> , 2018, 293, 6052-6063.	3.4	28
12	Comparison of multiple protein extraction buffers for GeLC-MS/MS proteomic analysis of liver and colon formalin-fixed, paraffin-embedded tissues. <i>Molecular BioSystems</i> , 2016, 12, 553-565.	2.9	26
13	A <i>Caenorhabditis elegans</i> Mass Spectrometric Resource for Neuropeptidomics. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 879-889.	2.8	25
14	Determination of variability due to biological and technical variation in urinary extracellular vesicles as a crucial step in biomarker discovery studies. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1676035.	12.2	24
15	Beyond Genes: Re-Identifiability of Proteomic Data and Its Implications for Personalized Medicine. <i>Genes</i> , 2019, 10, 682.	2.4	24
16	Identification of fukinolic acid from <i>Cimicifuga heracleifolia</i> and its derivatives as novel antiviral compounds against enterovirus A71 infection. <i>International Journal of Antimicrobial Agents</i> , 2019, 53, 128-136.	2.5	21
17	MALDI Mass Spectrometry Imaging Linked with Top-Down Proteomics as a Tool to Study the Non-Small-Cell Lung Cancer Tumor Microenvironment. <i>Methods and Protocols</i> , 2019, 2, 44.	2.0	19
18	Implementation of MALDI Mass Spectrometry Imaging in Cancer Proteomics Research: Applications and Challenges. <i>Journal of Personalized Medicine</i> , 2020, 10, 54.	2.5	18

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19	Approaches to Identify Endogenous Peptides in the Soil Nematode <i>Caenorhabditis elegans</i> . <i>Methods in Molecular Biology</i> , 2010, 615, 29-47.	0.9	17
20	Abundant plasma protein depletion using ammonium sulfate precipitation and Protein A affinity chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1089, 43-59.	2.3	17
21	Identification and functional characterization of a novel locust peptide belonging to the family of insect growth blocking peptides. <i>Peptides</i> , 2015, 74, 23-32.	2.4	13
22	Fast and Reliable Quantitative Peptidomics with <i>labelpepmatch</i> . <i>Journal of Proteome Research</i> , 2016, 15, 1080-1089.	3.7	11
23	Quantitative Peptidomics with Isotopic and Isobaric Tags. <i>Methods in Molecular Biology</i> , 2018, 1719, 141-159.	0.9	7
24	Identification and Relative Quantification of Neuropeptides from the Endocrine Tissues. <i>Methods in Molecular Biology</i> , 2010, 615, 191-206.	0.9	6
25	MS imaging and mass spectrometric synaptosome profiling identify PEP-19/pcp4 as a synaptic molecule involved in spatial learning in mice. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2017, 1865, 936-945.	2.3	5
26	A quantitative peptidomics approach to unravel immunological functions of angiotensin converting enzyme in <i>Locusta migratoria</i> . <i>General and Comparative Endocrinology</i> , 2016, 235, 120-129.	1.8	4
27	Peptidomics in Neuroendocrine Research: <i>Caenorhabditis elegans</i> and <i>Mus musculus</i> Study. , 0, , 355-386.		1
28	mRNA Interactome Capture from Plant Protoplasts. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	1