

Anna Konopka

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

855
citations

516710
16
h-index

501196
28
g-index

33
all docs

33
docs citations

33
times ranked

1285
citing authors

#	ARTICLE	IF	CITATIONS
1	The DNA damage response (DDR) is induced by the C9orf72 repeat expansion in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2017, 26, 2882-2896.	2.9	116
2	Factors Affecting the Potentiometric Response of All-Solid-State Solvent Polymeric Membrane Calcium-Selective Electrode for Low-Level Measurements. <i>Analytical Chemistry</i> , 2004, 76, 6410-6418.	6.5	78
3	All-Solid-State Calcium Solvent Polymeric Membrane Electrode for Low-Level Concentration Measurements. <i>Analytical Chemistry</i> , 2003, 75, 141-144.	6.5	67
4	CD44: a novel synaptic cell adhesion molecule regulating structural and functional plasticity of dendritic spines. <i>Molecular Biology of the Cell</i> , 2016, 27, 4055-4066.	2.1	58
5	Protein Quality Control and the Amyotrophic Lateral Sclerosis/Frontotemporal Dementia Continuum. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 119.	2.9	58
6	Matrix metalloproteinase-9 (MMP-9) in human intractable epilepsy caused by focal cortical dysplasia. <i>Epilepsy Research</i> , 2013, 104, 45-58.	1.6	57
7	CD44 regulates dendrite morphogenesis through Src tyrosine kinase-dependent positioning of the Golgi apparatus. <i>Journal of Cell Science</i> , 2014, 127, 5038-51.	2.0	41
8	Cleavage of Hyaluronan and CD44 Adhesion Molecule Regulate Astrocyte Morphology via Rac1 Signalling. <i>PLoS ONE</i> , 2016, 11, e0155053.	2.5	41
9	The Influence of the Conditioning Procedure on Potentiometric Characteristics of Solid Contact Calcium-Selective Electrodes in Nanomolar Concentration Solutions. <i>Electroanalysis</i> , 2006, 18, 2232-2242.	2.9	32
10	Investigation of biotransformation of selenium in plants using spectrometric methods. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2017, 130, 7-16.	2.9	30
11	The Emerging Role of DNA Damage in the Pathogenesis of the C9orf72 Repeat Expansion in Amyotrophic Lateral Sclerosis. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3137.	4.1	28
12	ERp57 is protective against mutant SOD1-induced cellular pathology in amyotrophic lateral sclerosis. <i>Human Molecular Genetics</i> , 2018, 27, 1311-1331.	2.9	24
13	Epigenetics of Epileptogenesis-Evoked Upregulation of Matrix Metalloproteinase-9 in Hippocampus. <i>PLoS ONE</i> , 2016, 11, e0159745.	2.5	23
14	Accurate quantification of selenoproteins in human plasma/serum by isotope dilution ICP-MS: focus on selenoprotein P. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1904-1912.	3.0	20
15	DP-b99 Modulates Matrix Metalloproteinase Activity and Neuronal Plasticity. <i>PLoS ONE</i> , 2014, 9, e99789.	2.5	18
16	The Role of DNA Damage in Neural Plasticity in Physiology and Neurodegeneration. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	3.7	18
17	Organic Hydroxy Acids as Highly Oxygenated Molecular (HOM) Tracers for Aged Isoprene Aerosol. <i>Environmental Science & Technology</i> , 2019, 53, 14516-14527.	10.0	17
18	<i>Allium cepa</i> L. Response to Sodium Selenite (Se(IV)) Studied in Plant Roots by a LC-MS-Based Proteomic Approach. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 3995-4004.	5.2	16

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19	Single-step synthesis of Er ³⁺ and Yb ³⁺ ions doped molybdate/Gd ₂ O ₃ core-shell nanoparticles for biomedical imaging. Nanotechnology, 2018, 29, 025702.	2.6	16
20	Neuronal TDP-43 depletion affects activity-dependent plasticity. Neurobiology of Disease, 2019, 130, 104499.	4.4	15
21	Design and synthesis of selective and blood-brain barrier-permeable hydroxamate-based gelatinase inhibitors. Bioorganic Chemistry, 2020, 94, 103365.	4.1	14
22	The matrix metalloproteinase inhibitor marimastat inhibits seizures in a model of kainic acid-induced status epilepticus. Scientific Reports, 2020, 10, 21314.	3.3	12
23	Improving the precision of quantitative bottom-up proteomics based on stable isotope-labeled proteins. Analytical and Bioanalytical Chemistry, 2012, 404, 1079-1087.	3.7	9
24	Searching for Low Molecular Weight Seleno-Compounds in Sprouts by Mass Spectrometry. Molecules, 2020, 25, 2870.	3.8	9
25	Molecular absorption and mass spectrometry for complementary analytical study of fluorinated drugs in animal organisms. Journal of Analytical Atomic Spectrometry, 2020, 35, 1840-1847.	3.0	8
26	Preparation of Heteroelement-Incorporated and Stable Isotope-Labeled Protein Standards for Quantitative Proteomics. Methods in Molecular Biology, 2014, 1156, 337-363.	0.9	8
27	[Sec-to-Cys]selenoprotein – a novel type of recombinant, full-length selenoprotein standard for quantitative proteomics. Journal of Analytical Atomic Spectrometry, 2016, 31, 1929-1938.	3.0	7
28	In vitro metabolic studies of novel selective androgen receptor modulators and their use for doping control analysis. Drug Testing and Analysis, 2021, , .	2.6	6
29	Fluorine-Containing Drug Administration in Rats Results in Fluorination of Selected Proteins in Liver and Brain Tissue. International Journal of Molecular Sciences, 2022, 23, 4202.	4.1	4
30	Label-Free Mass Spectrometry-Based Proteomic Analysis in Lamb Tissues after Fish Oil, Carnosic Acid, and Inorganic Selenium Supplementation. Animals, 2022, 12, 1428.	2.3	3
31	Detection of ALDH3B2 in Human Placenta. International Journal of Molecular Sciences, 2019, 20, 6292.	4.1	2
32	Mass Spectrometry-Based Proteomic Analysis in Neurodegenerative Disorders™ Research. , 2022, , 27-48.		0