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List of Publications by Year in descending order

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20
papers

434
citations

759233

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20
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Regulation of <i>Nicotiana tabacum</i> osmotic stress-activated protein kinase and its cellular partner GAPDH by nitric oxide in response to salinity. <i>Biochemical Journal</i> , 2010, 429, 73-83.	3.7	133
2	Sequence-Specific Ni(II)-Dependent Peptide Bond Hydrolysis for Protein Engineering. Combinatorial Library Determination of Optimal Sequences. <i>Journal of the American Chemical Society</i> , 2010, 132, 3355-3366.	13.7	60
3	Global Analysis of S-nitrosylation Sites in the Wild Type (APP) Transgenic Mouse Brain-Clues for Synaptic Pathology. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 2288-2305.	3.8	35
4	Positions of disulfide bonds and N-glycosylation site in juvenile hormone binding protein. <i>Archives of Biochemistry and Biophysics</i> , 2004, 421, 260-266.	3.0	25
5	Vimentin S-glutathionylation at Cys328 inhibits filament elongation and induces severing of mature filaments <i>in vitro</i> . <i>FEBS Journal</i> , 2020, 287, 5304-5322.	4.7	24
6	Post-translational S-Nitrosylation Is an Endogenous Factor Fine Tuning the Properties of Human S100A1 Protein. <i>Journal of Biological Chemistry</i> , 2012, 287, 40457-40470.	3.4	21
7	Oriented Immobilization of His-Tagged Protein on a Redox Active Thiol Derivative of DPTA-Cu(II) Layer Deposited on a Gold Electrode – The Base of Electrochemical Biosensors. <i>Sensors</i> , 2013, 13, 11586-11602.	3.8	21
8	Quantitative electrospray ionization mass spectrometry of zinc finger oxidation: The reaction of XPA zinc finger with H ₂ O ₂ . <i>Analytical Biochemistry</i> , 2007, 369, 226-231.	2.4	20
9	Reaction of the XPA Zinc Finger with S-Nitrosoglutathione. <i>Chemical Research in Toxicology</i> , 2008, 21, 386-392.	3.3	16
10	Voltammetric Detection of S100B Protein Using His-Tagged Receptor Domains for Advanced Glycation End Products (RAGE) Immobilized onto a Gold Electrode Surface. <i>Sensors</i> , 2014, 14, 10650-10663.	3.8	15
11	An Interplay of S-Nitrosylation and Metal Ion Binding for Astrocytic S100B Protein. <i>PLoS ONE</i> , 2016, 11, e0154822.	2.5	15
12	Redox Active Dipyromethene-Cu(II) Monolayer for Oriented Immobilization of His-Tagged RAGE Domains – the Base of Electrochemical Biosensor for Determination of Al ²⁺ . <i>Electroanalysis</i> , 2013, 25, 1185-1193.	2.9	14
13	Voltammetric detection of the S100B protein using His-tagged RAGE domain immobilized onto a gold electrode modified with a dipyromethene-Cu(II) complex and different diluents. <i>Journal of Electroanalytical Chemistry</i> , 2016, 767, 76-83.	3.8	10
14	LC-MS/MS improves screening towards 21-hydroxylase deficiency. <i>Gynecological Endocrinology</i> , 2015, 31, 296-300.	1.7	7
15	Nitrilotriacetic Acid-Copper(II) Monolayer Deposited on a Gold Electrode for the Immobilization of Histidine Tagged V Domain of Receptor for Advanced Glycation End Products – The Basis of Amyloid-Beta Peptide Sensing. <i>Analytical Letters</i> , 2014, 47, 1375-1391.	1.8	6
16	Total testosterone to dihydrotestosterone ratio assessed by LC-MS/MS predicts a worse metabolic profile not only in PCOS patients. <i>Ginekologia Polska</i> , 2017, 88, 5-8.	0.7	5
17	Electrochemical Biosensor for the Detection of Glycated Albumin. <i>Current Alzheimer Research</i> , 2017, 14, 345-351.	1.4	5
18	Intracellular Protein S-Nitrosylation – A Cells Response to Extracellular S100B and RAGE Receptor. <i>Biomolecules</i> , 2022, 12, 613.	4.0	2

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19	Label-Free LC-MS/MS Comparative Analysis of Protein S-Nitrosome in Synaptosomes from Wild-Type and APP Transgenic Mice. <i>Neuromethods</i> , 2016, , 73-96.	0.3	0
20	Towards an understanding of S100A8 and S100A9 post-translational regulation. <i>FASEB Journal</i> , 2022, 36, .	0.5	0