

Roberto Stella

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

520
citations

840585

11
h-index

677027

22
g-index

32
all docs

32
docs citations

32
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and validation of a QuEChERS method coupled to liquid chromatography and high resolution mass spectrometry to determine pyrrolizidine and tropane alkaloids in honey. Food Chemistry, 2017, 234, 295-302.	4.2	76
2	Cellular Prion Protein Promotes Regeneration of Adult Muscle Tissue. Molecular and Cellular Biology, 2010, 30, 4864-4876.	1.1	58
3	Cellular prion protein is implicated in the regulation of local Ca ²⁺ movements in cerebellar granule neurons. Journal of Neurochemistry, 2011, 116, 881-890.	2.1	41
4	Impact of Temperature Dependent Sampling Procedures in Proteomics and Peptidomics – A Characterization of the Liver and Pancreas Post Mortem Degradome. Molecular and Cellular Proteomics, 2011, 10, M900229-MCP200.	2.5	35
5	Protein Expression Changes in Skeletal Muscle in Response to Growth Promoter Abuse in Beef Cattle. Journal of Proteome Research, 2011, 10, 2744-2757.	1.8	27
6	Absolute quantification of myosin heavy chain isoforms by selected reaction monitoring can underscore skeletal muscle changes in a mouse model of amyotrophic lateral sclerosis. Analytical and Bioanalytical Chemistry, 2017, 409, 2143-2153.	1.9	26
7	LC-HRMS/MS for the simultaneous determination of four allergens in fish and swine food products. Food Chemistry, 2020, 331, 127276.	4.2	23
8	Relative Quantification of Membrane Proteins in Wild-Type and Prion Protein (PrP)-Knockout Cerebellar Granule Neurons. Journal of Proteome Research, 2012, 11, 523-536.	1.8	19
9	Evaluation of thymus morphology and serum cortisol concentration as indirect biomarkers to detect low-dose dexamethasone illegal treatment in beef cattle. BMC Veterinary Research, 2012, 8, 129.	0.7	17
10	New strategies for the differentiation of fresh and frozen/thawed fish: A rapid and accurate non-targeted method by ambient mass spectrometry and data fusion (part A). Food Control, 2021, 130, 108364.	2.8	17
11	Proteomics for the detection of indirect markers of steroids treatment in bovine muscle. Proteomics, 2015, 15, 2332-2341.	1.3	13
12	Nucleolin Rescues TDP-43 Toxicity in Yeast and Human Cell Models. Frontiers in Cellular Neuroscience, 2021, 15, 625665.	1.8	12
13	Quantification of Membrane Proteins Using Nonspecific Protease Digestions. Journal of Proteome Research, 2009, 8, 5666-5673.	1.8	11
14	Abuse of anabolic agents in beef cattle: Could bile be a possible alternative matrix?. Food Chemistry, 2017, 229, 188-197.	4.2	11
15	Microglia in Prion Diseases: Angels or Demons?. International Journal of Molecular Sciences, 2020, 21, 7765.	1.8	11
16	Age-dependent neuromuscular impairment in prion protein knockout mice. Muscle and Nerve, 2016, 53, 269-279.	1.0	10
17	Metabolomics analysis of liver reveals profile disruption in bovines upon steroid treatment. Metabolomics, 2017, 13, 1.	1.4	10
18	A novel tool to screen for treatments with clenbuterol in bovine: Identification of two hepatic markers by metabolomics investigation. Food Chemistry, 2021, 353, 129366.	4.2	10

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19	Sub-therapeutic treatments of bulls with dexamethasone: direct and indirect markers of treatment. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2013, 30, 430-442.	1.1	9
20	Targeted proteomics for the indirect detection of dexamethasone treatment in bovines. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 8343-8353.	1.9	9
21	The Prion Protein Regulates Synaptic Transmission by Controlling the Expression of Proteins Key to Synaptic Vesicle Recycling and Exocytosis. <i>Molecular Neurobiology</i> , 2019, 56, 3420-3436.	1.9	9
22	TMTâ€Based Proteomics Profiling of Bovine Liver Underscores Protein Markers of Anabolic Treatments. <i>Proteomics</i> , 2019, 19, 1800422.	1.3	9
23	Perturbations of the Proteome and of Secreted Metabolites in Primary Astrocytes from the hSOD1(G93A) ALS Mouse Model. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7028.	1.8	9
24	Fast and simultaneous analysis of carbamate pesticides and anticoagulant rodenticides used in suspected cases of animal poisoning. <i>Forensic Science International</i> , 2021, 323, 110810.	1.3	9
25	New strategies for the differentiation of fresh and frozen/thawed fish: Non-targeted metabolomics by LC-HRMS (part B). <i>Food Control</i> , 2022, 132, 108461.	2.8	8
26	Prion and TNF±: TAC(E)it agreement between the prion protein and cell signaling. <i>Cell Cycle</i> , 2010, 9, 4616-4621.	1.3	6
27	Urinary Concentrations of Steroids in Bulls under Anabolic Treatment by Revalor-XSÂ® Implant. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-16.	0.7	6
28	Rapid detection of asperphenamate in a hay batch associated with constipation and deaths in dairy cattle. The application of DART-HRMS to veterinary forensic toxicology. <i>Toxicon</i> , 2020, 187, 122-128.	0.8	6
29	Confirmation of Protein Biomarkers of Corticosteroids Treatment in Veal Calves Sampled under Field Conditions. <i>Journal of Proteome Research</i> , 2014, 13, 1794-1799.	1.8	4
30	Acacia catechu Willd. Extract Protects Neuronal Cells from Oxidative Stress-Induced Damage. <i>Antioxidants</i> , 2022, 11, 81.	2.2	4
31	Anabolic treatments in bovines: quantification of plasma protein markers of dexamethasone administration. <i>Proteomics</i> , 2021, 21, 2000238.	1.3	3
32	Semiquantitative immunohistochemical detection of progesterone receptors in male accessory sex glands as a screening assay for anabolic steroid use in bulls. <i>Journal of Veterinary Diagnostic Investigation</i> , 2017, 29, 35-40.	0.5	2