

Serena Camerini

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,644
citations

304602

22
h-index

302012

39
g-index

50
all docs

50
docs citations

50
times ranked

3456
citing authors

#	ARTICLE	IF	CITATIONS
1	The Nitrobenzoxadiazole Derivative NBDHEX Behaves as Plasmodium falciparum Gametocyte Selective Inhibitor with Malaria Parasite Transmission Blocking Activity. <i>Pharmaceutics</i> , 2022, 15, 168.	1.7	3
2	Structural basis of ubiquitination mediated by protein splicing in early Eukarya. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2021, 1865, 129844.	1.1	2
3	Re-Discovery of Giardavirus: Genomic and Functional Analysis of Viruses from Giardia duodenalis Isolates. <i>Biomedicines</i> , 2021, 9, 654.	1.4	6
4	The Fatty Acid and Protein Profiles of Circulating CD81-Positive Small Extracellular Vesicles Are Associated with Disease Stage in Melanoma Patients. <i>Cancers</i> , 2021, 13, 4157.	1.7	17
5	Natural-Killer-Derived Extracellular Vesicles: Immune Sensors and Interactors. <i>Frontiers in Immunology</i> , 2020, 11, 262.	2.2	87
6	HIPK2 Phosphorylates the Microtubule-Severing Enzyme Spastin at S268 for Abscission. <i>Cells</i> , 2019, 8, 684.	1.8	31
7	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , 2019, 216, 2778-2799.	4.2	132
8	Type E Botulinum Neurotoxin-Producing Clostridium butyricum Strains Are Aerotolerant during Vegetative Growth. <i>MSystems</i> , 2019, 4, .	1.7	7
9	HIPK2 and extrachromosomal histone H2B are separately recruited by Aurora-B for cytokinesis. <i>Oncogene</i> , 2018, 37, 3562-3574.	2.6	15
10	Separase prevents genomic instability by controlling replication fork speed. <i>Nucleic Acids Research</i> , 2018, 46, 267-278.	6.5	48
11	The enzymatic processing of β -dystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. <i>PLoS ONE</i> , 2018, 13, e0192651.	1.1	4
12	Proteomic and functional analyses reveal pleiotropic action of the anti-tumoral compound NBDHEX in Giardia duodenalis. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2017, 7, 147-158.	1.4	16
13	Anti- β -GAPDH Autoantibodies as a Pathogenic Determinant and Potential Biomarker of Neuropsychiatric Diseases. <i>Arthritis and Rheumatology</i> , 2016, 68, 2708-2716.	2.9	24
14	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. <i>EBioMedicine</i> , 2016, 7, 191-204.	2.7	24
15	Mass spectrometry detection of fraudulent use of cow whey in water buffalo, sheep, or goat Italian ricotta cheese. <i>Food Chemistry</i> , 2016, 197, 1240-1248.	4.2	29
16	MLC1 protein: a likely link between leukodystrophies and brain channelopathies. <i>Frontiers in Cellular Neuroscience</i> , 2015, 09, 66.	1.8	30
17	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. <i>Journal of Autoimmunity</i> , 2015, 58, 78-89.	3.0	21
18	The FAD-dependent glycerol-3-phosphate dehydrogenase of Giardia duodenalis: an unconventional enzyme that interacts with the g14-3-3 and it is a target of the antitumoral compound NBDHEX. <i>Frontiers in Microbiology</i> , 2015, 06, 544.	1.5	27

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19	Src inhibitors modulate frataxin protein levels. <i>Human Molecular Genetics</i> , 2015, 24, 4296-4305.	1.4	12
20	The role of protein and peptide separation before mass spectrometry analysis in clinical proteomics. <i>Journal of Chromatography A</i> , 2015, 1381, 1-12.	1.8	63
21	Inactivation of Human Salivary Glutathione Transferase P1-1 by Hypothiocyanite: A Post-Translational Control System in Search of a Role. <i>PLoS ONE</i> , 2014, 9, e112797.	1.1	18
22	The Crystal Structure of <i>Giardia duodenalis</i> 14-3-3 in the Apo Form: When Protein Post-Translational Modifications Make the Difference. <i>PLoS ONE</i> , 2014, 9, e92902.	1.1	12
23	Carbon Monoxide Signaling in Human Red Blood Cells: Evidence for Pentose Phosphate Pathway Activation and Protein Deglutathionylation. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 403-416.	2.5	22
24	HIPK2 sustains apoptotic response by phosphorylating Che-1/AATF and promoting its degradation. <i>Cell Death and Disease</i> , 2014, 5, e1414-e1414.	2.7	11
25	Gaucher disease due to saposin C deficiency is an inherited lysosomal disease caused by rapidly degraded mutant proteins. <i>Human Molecular Genetics</i> , 2014, 23, 5814-5826.	1.4	33
26	Native metastable prefibrillar oligomers are the most neurotoxic species among amyloid aggregates. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1622-1629.	1.8	32
27	Megalencephalic leukoencephalopathy with subcortical cysts protein-1 modulates endosomal pH and protein trafficking in astrocytes: Relevance to MLC disease pathogenesis. <i>Neurobiology of Disease</i> , 2014, 66, 1-18.	2.1	20
28	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. <i>Development (Cambridge)</i> , 2014, 141, e108-e108.	1.2	0
29	The nebulin SH3 domain is dispensable for normal skeletal muscle structure but is required for effective active load bearing in mouse. <i>Journal of Cell Science</i> , 2013, 126, 5477-89.	1.2	31
30	Genotype-phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. <i>Free Radical Biology and Medicine</i> , 2013, 63, 401-409.	1.3	28
31	HIPK2 catalytic activity and subcellular localization are regulated by activation-loop Y354 autophosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 1443-1453.	1.9	47
32	Phosphorylation and nitration of tyrosine residues affect functional properties of Synaptophysin and Dynamin I, two proteins involved in exo-endocytosis of synaptic vesicles. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 110-121.	1.9	32
33	Streptococcal vimentin cross-reactive antibodies induce microvascular cardiac endothelial proinflammatory phenotype in rheumatic heart disease. <i>Clinical and Experimental Immunology</i> , 2013, 173, 419-429.	1.1	25
34	Interkingdom Complementation Reveals Structural Conservation and Functional Divergence of 14-3-3 Proteins. <i>PLoS ONE</i> , 2013, 8, e78090.	1.1	13
35	Phosphorylation of SRSF1 is modulated by replicational stress. <i>Nucleic Acids Research</i> , 2012, 40, 1106-1117.	6.5	31
36	Interaction Network of the 14-3-3 Protein in the Ancient Protozoan Parasite <i>Giardia duodenalis</i> . <i>Journal of Proteome Research</i> , 2012, 11, 2666-2683.	1.8	40

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37	An insight into the abundant proteome of 46BR.1G1 fibroblasts deficient of DNA ligase I. <i>Electrophoresis</i> , 2012, 33, 307-315.	1.3	3
38	Serum Low-Molecular-Weight Protein Fractionation for Biomarker Discovery. <i>Methods in Molecular Biology</i> , 2012, 823, 237-249.	0.4	6
39	Efficient one-step chromatographic purification and functional characterization of recombinant human Saposin C. <i>Protein Expression and Purification</i> , 2011, 78, 209-215.	0.6	2
40	<i>Giardia Duodenalis</i> 14-3-3 Protein Is Polyglycylated by a Tubulin Tyrosine Ligase-like Member and Deglycylated by Two Metalloprotease. <i>Journal of Biological Chemistry</i> , 2011, 286, 4471-4484.	1.6	17
41	MLC1 trafficking and membrane expression in astrocytes: Role of caveolin-1 and phosphorylation. <i>Neurobiology of Disease</i> , 2010, 37, 581-595.	2.1	30
42	Effects of indole-3-acetic acid on <i>Sinorhizobium meliloti</i> survival and on symbiotic nitrogen fixation and stem dry weight production. <i>Applied Microbiology and Biotechnology</i> , 2009, 83, 727-738.	1.7	44
43	Peroxynitrite induces tyrosine residue modifications in synaptophysin C-terminal domain, affecting its interaction with <i>src</i> . <i>Journal of Neurochemistry</i> , 2009, 111, 859-869.	2.1	15
44	Introduction of a novel pathway for IAA biosynthesis to rhizobia alters vetch root nodule development. <i>Archives of Microbiology</i> , 2008, 190, 67-77.	1.0	98
45	Formation of an adduct by clenbuterol, a β_2 -adrenoceptor agonist drug, and serum albumin in human saliva at the acidic pH of the stomach: Evidence for an aryl radical-based process. <i>Free Radical Biology and Medicine</i> , 2008, 45, 124-135.	1.3	7
46	A Novel Approach to Identify Proteins Modified by Nitric Oxide: the HIS-TAG Switch Method. <i>Journal of Proteome Research</i> , 2007, 6, 3224-3231.	1.8	82
47	A method for the selective isolation and enrichment of carrier protein-bound low-molecular weight proteins and peptides in the blood. <i>Proteomics - Clinical Applications</i> , 2007, 1, 176-184.	0.8	18
48	Proteomics approaches to study the redox state of cysteine-containing proteins. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2005, 41, 451-7.	0.2	4
49	Thiol-mediated protein retention in the endoplasmic reticulum: the role of ERp44. <i>EMBO Journal</i> , 2003, 22, 5015-5022.	3.5	208
50	Optimisation of transgene action at the post-transcriptional level: high quality parthenocarpic fruits in industrial tomatoes. <i>BMC Biotechnology</i> , 2002, 2, 1.	1.7	117