

# Serena Camerini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49  
papers

1,226  
citations

19  
h-index

34  
g-index

50  
ext. papers

1,450  
ext. citations

6.6  
avg, IF

3.9  
L-index

#	Paper	IF	Citations
49	Thiol-mediated protein retention in the endoplasmic reticulum: the role of ERp44. <i>EMBO Journal</i> , <b>2003</b> , 22, 5015-22	13	192
48	Optimisation of transgene action at the post-transcriptional level: high quality parthenocarpic fruits in industrial tomatoes. <i>BMC Biotechnology</i> , <b>2002</b> , 2, 1	3.5	89
47	A novel approach to identify proteins modified by nitric oxide: the HIS-TAG switch method. <i>Journal of Proteome Research</i> , <b>2007</b> , 6, 3224-31	5.6	79
46	Introduction of a novel pathway for IAA biosynthesis to rhizobia alters vetch root nodule development. <i>Archives of Microbiology</i> , <b>2008</b> , 190, 67-77	3	78
45	A novel disorder involving dyshematopoiesis, inflammation, and HLH due to aberrant CDC42 function. <i>Journal of Experimental Medicine</i> , <b>2019</b> , 216, 2778-2799	16.6	71
44	The role of protein and peptide separation before mass spectrometry analysis in clinical proteomics. <i>Journal of Chromatography A</i> , <b>2015</b> , 1381, 1-12	4.5	51
43	Natural-Killer-Derived Extracellular Vesicles: Immune Sensors and Interactors. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 262	8.4	46
42	HIPK2 catalytic activity and subcellular localization are regulated by activation-loop Y354 autophosphorylation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2013</b> , 1833, 1443-53	4.9	40
41	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> , <b>2009</b> , 83, 727-38	5.7	39
40	Interaction network of the 14-3-3 protein in the ancient protozoan parasite <i>Giardia duodenalis</i> . <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 2666-83	5.6	29
39	Native metastable prefibrillar oligomers are the most neurotoxic species among amyloid aggregates. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2014</b> , 1842, 1622-9	6.9	28
38	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> , <b>2013</b> , 126, 5477-89	5.3	28
37	MLC1 trafficking and membrane expression in astrocytes: role of caveolin-1 and phosphorylation. <i>Neurobiology of Disease</i> , <b>2010</b> , 37, 581-95	7.5	27
36	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> , <b>2013</b> , 1833, 110-21	4.9	26
35	Phosphorylation of SRSF1 is modulated by replicational stress. <i>Nucleic Acids Research</i> , <b>2012</b> , 40, 1106-17	20.1	26
34	Gaucher disease due to saposin C deficiency is an inherited lysosomal disease caused by rapidly degraded mutant proteins. <i>Human Molecular Genetics</i> , <b>2014</b> , 23, 5814-26	5.6	24
33	Genotype-phenotype analysis of S326C OGG1 polymorphism: a risk factor for oxidative pathologies. <i>Free Radical Biology and Medicine</i> , <b>2013</b> , 63, 401-9	7.8	23

32	MLC1 protein: a likely link between leukodystrophies and brain channelopathies. <i>Frontiers in Cellular Neuroscience</i> , <b>2015</b> , 9, 66	6.1	23
31	Mass spectrometry detection of fraudulent use of cow whey in water buffalo, sheep, or goat Italian ricotta cheese. <i>Food Chemistry</i> , <b>2016</b> , 197 Pt B, 1240-8	8.5	19
30	Separase prevents genomic instability by controlling replication fork speed. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 267-278	20.1	18
29	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> , <b>2014</b> , 66, 1-18	7.5	18
28	Streptococcal-vimentin cross-reactive antibodies induce microvascular cardiac endothelial proinflammatory phenotype in rheumatic heart disease. <i>Clinical and Experimental Immunology</i> , <b>2013</b> , 173, 419-29	6.2	18
27	Anti-GAPDH Autoantibodies as a Pathogenic Determinant and Potential Biomarker of Neuropsychiatric Diseases. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2708-2716	9.5	17
26	The FAD-dependent glycerol-3-phosphate dehydrogenase of <i>Giardia duodenalis</i> : 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> , <b>2015</b> , 6, 544	5.7	16
25	Carbon monoxide signaling in human red blood cells: evidence for pentose phosphate pathway activation and protein deglutathionylation. <i>Antioxidants and Redox Signaling</i> , <b>2014</b> , 20, 403-16	8.4	16
24	<i>Giardia duodenalis</i> 14-3-3 protein is polyglycylated by a tubulin tyrosine ligase-like member and deglycylated by two metalloproteases. <i>Journal of Biological Chemistry</i> , <b>2011</b> , 286, 4471-84	5.4	15
23	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> , <b>2007</b> , 1, 176-84	3.1	15
22	Exogenous Alpha-Synuclein Alters Pre- and Post-Synaptic Activity by Fragmenting Lipid Rafts. <i>EBioMedicine</i> , <b>2016</b> , 7, 191-204	8.8	14
21	Autoantibodies specific to D4GDI modulate Rho GTPase mediated cytoskeleton remodeling and induce autophagy in T lymphocytes. <i>Journal of Autoimmunity</i> , <b>2015</b> , 58, 78-89	15.5	14
20	Inactivation of human salivary glutathione transferase P1-1 by hypothiocyanite: a post-translational control system in search of a role. <i>PLoS ONE</i> , <b>2014</b> , 9, e112797	3.7	14
19	Peroxynitrite induces tyrosine residue modifications in synaptophysin C-terminal domain, affecting its interaction with src. <i>Journal of Neurochemistry</i> , <b>2009</b> , 111, 859-69	6	14
18	Proteomic and functional analyses reveal pleiotropic action of the anti-tumoral compound NBDHEX in <i>Giardia duodenalis</i> . <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , <b>2017</b> , 7, 147-158	4	13
17	HIPK2 Phosphorylates the Microtubule-Severing Enzyme Spastin at S268 for Abscission. <i>Cells</i> , <b>2019</b> , 8,	7.9	12
16	HIPK2 sustains apoptotic response by phosphorylating Che-1/AATF and promoting its degradation. <i>Cell Death and Disease</i> , <b>2014</b> , 5, e1414	9.8	11
15	Src inhibitors modulate frataxin protein levels. <i>Human Molecular Genetics</i> , <b>2015</b> , 24, 4296-305	5.6	9

14	Interkingdom complementation reveals structural conservation and functional divergence of 14-3-3 proteins. <i>PLoS ONE</i> , <b>2013</b> , 8, e78090	3.7	9
13	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> , <b>2014</b> , 9, e92902	3.7	8
12	Formation of an adduct by clenbuterol, a beta-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> , <b>2008</b> , 45, 124-35	7.8	7
11	HIPK2 and extrachromosomal histone H2B are separately recruited by Aurora-B for cytokinesis. <i>Oncogene</i> , <b>2018</b> , 37, 3562-3574	9.2	6
10	Serum low-molecular-weight protein fractionation for biomarker discovery. <i>Methods in Molecular Biology</i> , <b>2012</b> , 823, 237-49	1.4	5
9	Proteomics approaches to study the redox state of cysteine-containing proteins. <i>Annali Dell'istituto Superiore Di Sanita</i> , <b>2005</b> , 41, 451-7	1.6	4
8	Type E Botulinum Neurotoxin-Producing <i>Clostridium butyricum</i> Strains Are Aerotolerant during Vegetative Growth. <i>MSystems</i> , <b>2019</b> , 4,	7.6	3
7	An insight into the abundant proteome of 46BR.1G1 fibroblasts deficient of DNA ligase I. <i>Electrophoresis</i> , <b>2012</b> , 33, 307-15	3.6	3
6	The enzymatic processing of Edystroglycan by MMP-2 is controlled by two anchoring sites distinct from the active site. <i>PLoS ONE</i> , <b>2018</b> , 13, e0192651	3.7	2
5	Efficient one-step chromatographic purification and functional characterization of recombinant human Saposin C. <i>Protein Expression and Purification</i> , <b>2011</b> , 78, 209-15	2	2
4	Structural basis of ubiquitination mediated by protein splicing in early Eukarya. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2021</b> , 1865, 129844	4	2
3	The Fatty Acid and Protein Profiles of Circulating CD81-Positive Small Extracellular Vesicles Are Associated with Disease Stage in Melanoma Patients. <i>Cancers</i> , <b>2021</b> , 13,	6.6	2
2	Re-Discovery of : Genomic and Functional Analysis of Viruses from Isolates. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
1	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> , <b>2014</b> , 141, e108-e108	6.6	1