

Lorena Urbanelli

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.

63

papers

5,178

citations

21

h-index

66

g-index

66

ext. papers

7,265

ext. citations

5.3

avg, IF

4.69

L-index

#	Paper	IF	Citations
63	Minimal information for studies of extracellular vesicles 2018 (MISEV2018): a position statement of the International Society for Extracellular Vesicles and update of the MISEV2014 guidelines. <i>Journal of Extracellular Vesicles</i> , 2018 , 7, 1535750	16.4	3642
62	Signaling pathways in exosomes biogenesis, secretion and fate. <i>Genes</i> , 2013 , 4, 152-70	4.2	225
61	Lysosomal Exocytosis, Exosome Release and Secretory Autophagy: The Autophagic- and Endo-Lysosomal Systems Go Extracellular. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	89
60	Exosome-based strategies for Diagnosis and Therapy. <i>Recent Patents on CNS Drug Discovery</i> , 2015 , 10, 10-27		79
59	The Role of Extracellular Vesicles in Viral Infection and Transmission. <i>Vaccines</i> , 2019 , 7,	5.3	75
58	Extracellular Vesicles as New Players in Cellular Senescence. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	72
57	Non-contact mechanical and chemical analysis of single living cells by microspectroscopic techniques. <i>Light: Science and Applications</i> , 2018 , 7, 17139	16.7	66
56	Synchrotron-based X-ray fluorescence imaging of human cells labeled with CdSe quantum dots. <i>Analytical Biochemistry</i> , 2009 , 388, 33-9	3.1	65
55	Cathepsin D expression is decreased in Alzheimer's disease fibroblasts. <i>Neurobiology of Aging</i> , 2008 , 29, 12-22	5.6	48
54	Extracellular Vesicles as Conveyors of Membrane-Derived Bioactive Lipids in Immune System. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	47
53	Targeted gene transduction of mammalian cells expressing the HER2/neu receptor by filamentous phage. <i>Journal of Molecular Biology</i> , 2001 , 313, 965-76	6.5	46
52	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. <i>PLoS ONE</i> , 2017 , 12, e0188840	3.7	36
51	Up-regulation of glycohydrolases in Alzheimer's Disease fibroblasts correlates with Ras activation. <i>Journal of Biological Chemistry</i> , 2003 , 278, 38453-60	5.4	35
50	hLGDB: a database of human lysosomal genes and their regulation. <i>Database: the Journal of Biological Databases and Curation</i> , 2013 , 2013, bat024	5	34
49	S-D-Lactoylglutathione can be an alternative supply of mitochondrial glutathione. <i>Free Radical Biology and Medicine</i> , 2014 , 67, 451-9	7.8	33
48	General strategy for broadening adenovirus tropism. <i>Journal of Virology</i> , 2003 , 77, 11094-104	6.6	29
47	Insight into the Role of Extracellular Vesicles in Lysosomal Storage Disorders. <i>Genes</i> , 2019 , 10,	4.2	26

46	Raman micro-spectroscopy: a powerful tool for the monitoring of dynamic supramolecular changes in living cells. <i>Biophysical Chemistry</i> , 2013 , 182, 58-63	3.5	24
45	Evaluating the risk of phospholipidosis using a new multidisciplinary pipeline approach. <i>European Journal of Medicinal Chemistry</i> , 2015 , 92, 49-63	6.8	23
44	Spectroscopic investigation of interactions of new potential anticancer drugs with DNA and non-ionic micelles. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 1483-95	3.4	23
43	Characterization of human Enah gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006 , 1759, 99-107		21
42	A possible S-glutathionylation of specific proteins by glyoxalase II: An in vitro and in silico study. <i>Cell Biochemistry and Function</i> , 2016 , 34, 620-627	4.2	21
41	Cellular redox imbalance and changes of protein S-glutathionylation patterns are associated with senescence induced by oncogenic H-ras. <i>PLoS ONE</i> , 2012 , 7, e52151	3.7	20
40	DNA-based selection and screening of peptide ligands. <i>Nature Biotechnology</i> , 1998 , 16, 1068-73	44.5	20
39	Abnormal cortical lysosomal Hexosaminidase and Galactosidase activity at post-synaptic sites during Alzheimer's disease progression. <i>International Journal of Biochemistry and Cell Biology</i> , 2015 , 58, 62-70	5.6	19
38	Recent developments in therapeutic approaches for lysosomal storage diseases. <i>Recent Patents on CNS Drug Discovery</i> , 2011 , 6, 1-19		19
37	Evidence of tRNA cleavage in apicomplexan parasites: Half-tRNAs as new potential regulatory molecules of <i>Toxoplasma gondii</i> and <i>Plasmodium berghei</i> . <i>Molecular and Biochemical Parasitology</i> , 2013 , 188, 99-108	1.9	17
36	Evidence of DMSO-Induced Protein Aggregation in Cells. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 5065-70	3.0	16
35	Fluorescence properties of aza-helicenium derivatives for cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011 , 222, 307-313	4.7	14
34	Cryopreservation of cells: FT-IR monitoring of lipid membrane at freeze-thaw cycles. <i>Biophysical Chemistry</i> , 2016 , 208, 34-9	3.5	13
33	Lysosomal Exocytosis: The Extracellular Role of an Intracellular Organelle. <i>Membranes</i> , 2020 , 10,	3.8	13
32	The n-10 Fatty Acids Family in the Lipidome of Human Prostatic Adenocarcinoma Cell Membranes and Extracellular Vesicles. <i>Cancers</i> , 2020 , 12,	6.6	13
31	Occurrence of an anomalous endocytic compartment in fibroblasts from Sandhoff disease patients. <i>Molecular and Cellular Biochemistry</i> , 2010 , 335, 273-82	4.2	13
30	Identification and characterization of mature beta-hexosaminidases associated with human placenta lysosomal membrane. <i>Bioscience Reports</i> , 2008 , 28, 229-37	4.1	13
29	"Affinity maturation" of ligands for HCV-specific serum antibodies. <i>Journal of Immunological Methods</i> , 2000 , 236, 167-76	2.5	13

28	Oncogenic H-Ras up-regulates acid Hexosaminidase by a mechanism dependent on the autophagy regulator TFEB. <i>PLoS ONE</i> , 2014 , 9, e89485	3.7	13
27	Extracellular Vesicles under Oxidative Stress Conditions: Biological Properties and Physiological Roles. <i>Cells</i> , 2021 , 10,	7.9	13
26	Use of Polylactide-Co-Glycolide-Nanoparticles for Lysosomal Delivery of a Therapeutic Enzyme in Glycogenesis Type II Fibroblasts. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 2657-66	1.3	12
25	Oncogenic H-Ras Expression Induces Fatty Acid Profile Changes in Human Fibroblasts and Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	12
24	Effect of Curcumin on Protein Damage Induced by Rotenone in Dopaminergic PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	11
23	TFEB activation promotes the recruitment of lysosomal glycohydrolases Hexosaminidase and Galactosidase to the plasma membrane. <i>Biochemical and Biophysical Research Communications</i> , 2013 , 440, 251-7	3.4	11
22	New perspectives for the diagnosis of Alzheimer's disease. <i>Recent Patents on CNS Drug Discovery</i> , 2009 , 4, 160-81		11
21	Cathepsin L increased level upon Ras mutants expression: the role of p38 and p44/42 MAPK signaling pathways. <i>Molecular and Cellular Biochemistry</i> , 2010 , 343, 49-57	4.2	11
20	A role for the autophagy regulator Transcription Factor EB in amiodarone-induced phospholipidosis. <i>Biochemical Pharmacology</i> , 2015 , 95, 201-9	6	10
19	Raman micro-spectroscopy study of living SH-SY5Y cells adhering on different substrates. <i>Biophysical Chemistry</i> , 2016 , 208, 48-53	3.5	10
18	Nano-laminography for three-dimensional high-resolution imaging of flat specimens. <i>Journal of Instrumentation</i> , 2013 , 8, C05006-C05006	1	10
17	Glycohydrolases Hexosaminidase and Galactosidase are associated with lipid microdomains of Jurkat T-lymphocytes. <i>Biochimie</i> , 2012 , 94, 684-94	4.6	9
16	Lipidomic analysis of cancer cells cultivated at acidic pH reveals phospholipid fatty acids remodelling associated with transcriptional reprogramming. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020 , 35, 963-973	5.6	8
15	Cloning and expression of pigeon IFN- γ gene. <i>Research in Veterinary Science</i> , 2010 , 89, 367-72	2.5	8
14	In vitro evolution of ligands for HCV-specific serum antibodies. <i>Biological Chemistry</i> , 2000 , 381, 245-54	4.5	7
13	Therapeutic approaches for lysosomal storage diseases: a patent update. <i>Recent Patents on CNS Drug Discovery</i> , 2013 , 8, 91-109		7
12	A multidisciplinary approach to study the functional properties of neuron-like cell models constituting a living bio-hybrid system: SH-SY5Y cells adhering to PANI substrate. <i>AIP Advances</i> , 2016 , 6, 111303	1.5	7
11	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. <i>Neurochemical Research</i> , 2016 , 41, 258-69	4.6	6

10	Hexosaminidase over-expression affects lysosomal glycohydrolases expression and glycosphingolipid metabolism in mammalian cells. <i>Molecular and Cellular Biochemistry</i> , 2012 , 363, 109-118	4.2	6
9	Quaternized styryl-azinium fluorophores as cellular RNA-binders. <i>Photochemical and Photobiological Sciences</i> , 2020 , 19, 362-370	4.2	5
8	Human lysosomal β -mannosidase regulation in promyelocytic leukaemia cells. <i>Bioscience Reports</i> , 2011 , 31, 477-87	4.1	5
7	Correlative Brillouin and Raman spectroscopy data acquired on single cells. <i>Data in Brief</i> , 2020 , 29, 105223	4.2	4
6	Hypermethylation contributes to down-regulation of lysosomal Hexosaminidase β subunit in prostate cancer cells. <i>Biochimie</i> , 2014 , 101, 75-82	4.6	4
5	Methods to discriminate the distribution of acidic glycohydrolases between the endosomal-lysosomal systems and the plasma membrane. <i>Methods in Enzymology</i> , 2014 , 534, 25-45	1.7	4
4	Fibroblasts from PS1 mutated pre-symptomatic subjects and Alzheimer's disease patients share a unique protein levels profile. <i>Journal of Alzheimer's Disease</i> , 2010 , 21, 431-44	4.3	4
3	Micro-Raman detection of the differentiation state of SH-SY5Y cells grown on silicon and aluminium substrates. <i>Journal of Raman Spectroscopy</i> , 2018 , 49, 1031-1040	2.3	2
2	LipidOne: user-friendly lipidomic data analysis tool for a deeper interpretation in a systems biology scenario.. <i>Bioinformatics</i> , 2021 ,	7.2	2
1	Circulating Extracellular Vesicles from Acute Myeloid Leukemia Patients Drive Distinct Metabolic Profile of Leukemic Cells and Reveal Crucial Lipidomic Biomarkers. <i>Blood</i> , 2021 , 138, 3471-3471	2.2	0