

Lorena Urbanelli

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

9,174
citations

257101

24
h-index

106150

65
g-index

66
all docs

66
docs citations

66
times ranked

15310
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.5	6,961
2	Signaling Pathways in Exosomes Biogenesis, Secretion and Fate. <i>Genes</i> , 2013, 4, 152-170.	1.0	285
3	Lysosomal Exocytosis, Exosome Release and Secretory Autophagy: The Autophagic- and Endo-Lysosomal Systems Go Extracellular. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2576.	1.8	218
4	The Role of Extracellular Vesicles in Viral Infection and Transmission. <i>Vaccines</i> , 2019, 7, 102.	2.1	124
5	Exosome-based strategies for Diagnosis and Therapy. <i>Recent Patents on CNS Drug Discovery</i> , 2015, 10, 10-27.	0.9	97
6	Extracellular Vesicles as New Players in Cellular Senescence. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1408.	1.8	91
7	Non-contact mechanical and chemical analysis of single living cells by microspectroscopic techniques. <i>Light: Science and Applications</i> , 2018, 7, 17139-17139.	7.7	91
8	Synchrotron-based X-ray fluorescence imaging of human cells labeled with CdSe quantum dots. <i>Analytical Biochemistry</i> , 2009, 388, 33-39.	1.1	73
9	Lysosomal Exocytosis: The Extracellular Role of an Intracellular Organelle. <i>Membranes</i> , 2020, 10, 406.	1.4	69
10	Extracellular Vesicles as Conveyors of Membrane-Derived Bioactive Lipids in Immune System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1227.	1.8	67
11	Extracellular Vesicles under Oxidative Stress Conditions: Biological Properties and Physiological Roles. <i>Cells</i> , 2021, 10, 1763.	1.8	66
12	Cathepsin D expression is decreased in Alzheimer's disease fibroblasts. <i>Neurobiology of Aging</i> , 2008, 29, 12-22.	1.5	61
13	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. <i>PLoS ONE</i> , 2017, 12, e0188840.	1.1	52
14	Targeted gene transduction of mammalian cells expressing the HER2/neu receptor by filamentous phage 1 Edited by J. Karn. <i>Journal of Molecular Biology</i> , 2001, 313, 965-976.	2.0	50
15	hLGDB: a database of human lysosomal genes and their regulation. <i>Database: the Journal of Biological Databases and Curation</i> , 2013, 2013, bat024.	1.4	48
16	S-D-Lactoylglutathione can be an alternative supply of mitochondrial glutathione. <i>Free Radical Biology and Medicine</i> , 2014, 67, 451-459.	1.3	42
17	Up-regulation of Glycohydrolases in Alzheimer's Disease Fibroblasts Correlates with Ras Activation. <i>Journal of Biological Chemistry</i> , 2003, 278, 38453-38460.	1.6	41
18	Insight into the Role of Extracellular Vesicles in Lysosomal Storage Disorders. <i>Genes</i> , 2019, 10, 510.	1.0	35

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19	General Strategy for Broadening Adenovirus Tropism. <i>Journal of Virology</i> , 2003, 77, 11094-11104.	1.5	31
20	Evaluating the risk of phospholipidosis using a new multidisciplinary pipeline approach. <i>European Journal of Medicinal Chemistry</i> , 2015, 92, 49-63.	2.6	29
21	Characterization of human Enah gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006, 1759, 99-107.	2.4	27
22	Raman micro-spectroscopy: A powerful tool for the monitoring of dynamic supramolecular changes in living cells. <i>Biophysical Chemistry</i> , 2013, 182, 58-63.	1.5	27
23	Spectroscopic Investigation of Interactions of New Potential Anticancer Drugs with DNA and Non-Ionic Micelles. <i>Journal of Physical Chemistry B</i> , 2015, 119, 1483-1495.	1.2	27
24	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.	1.4	26
25	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.	1.1	25
26	Abnormal cortical lysosomal β -hexosaminidase and β -galactosidase activity at post-synaptic sites during Alzheimer's disease progression. <i>International Journal of Biochemistry and Cell Biology</i> , 2015, 58, 62-70.	1.2	23
27	Recent Developments in Therapeutic Approaches for Lysosomal Storage Diseases. <i>Recent Patents on CNS Drug Discovery</i> , 2011, 6, 1-19.	0.9	22
28	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.	0.5	22
29	Evidence of DMSO-Induced Protein Aggregation in Cells. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5065-5070.	1.1	22
30	Effect of Curcumin on Protein Damage Induced by Rotenone in Dopaminergic PC12 Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2761.	1.8	22
31	The n-10 Fatty Acids Family in the Lipidome of Human Prostatic Adenocarcinoma Cell Membranes and Extracellular Vesicles. <i>Cancers</i> , 2020, 12, 900.	1.7	21
32	DNA-based selection and screening of peptide ligands. <i>Nature Biotechnology</i> , 1998, 16, 1068-1073.	9.4	20
33	Fluorescence properties of aza-helicenium derivatives for cell imaging. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 307-313.	2.0	20
34	Use of Polylactide-Co-Glycolide-Nanoparticles for Lysosomal Delivery of a Therapeutic Enzyme in Glycogenosis Type II Fibroblasts. <i>Journal of Nanoscience and Nanotechnology</i> , 2015, 15, 2657-2666.	0.9	20
35	Oncogenic H-Ras Expression Induces Fatty Acid Profile Changes in Human Fibroblasts and Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3515.	1.8	18
36	Oncogenic H-Ras Up-Regulates Acid β -Hexosaminidase by a Mechanism Dependent on the Autophagy Regulator TFEB. <i>PLoS ONE</i> , 2014, 9, e89485.	1.1	17

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37	Lipidic Profile Changes in Exosomes and Microvesicles Derived From Plasma of Monoclonal Antibody-Treated Psoriatic Patients. <i>Frontiers in Cell and Developmental Biology</i> , 0, 10, .	1.8	17
38	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.	2.5	16
39	New Perspectives for the Diagnosis of Alzheimers Disease. <i>Recent Patents on CNS Drug Discovery</i> , 2009, 4, 160-181.	0.9	15
40	Occurrence of an anomalous endocytic compartment in fibroblasts from Sandhoff disease patients. <i>Molecular and Cellular Biochemistry</i> , 2010, 335, 273-282.	1.4	15
41	Nano-laminography for three-dimensional high-resolution imaging of flat specimens. <i>Journal of Instrumentation</i> , 2013, 8, C05006-C05006.	0.5	15
42	Cryopreservation of cells: FT-IR monitoring of lipid membrane at freeze-thaw cycles. <i>Biophysical Chemistry</i> , 2016, 208, 34-39.	1.5	15
43	A role for the autophagy regulator Transcription Factor EB in amiodarone-induced phospholipidosis. <i>Biochemical Pharmacology</i> , 2015, 95, 201-209.	2.0	14
44	“Affinity maturation” of ligands for HCV-specific serum antibodies. <i>Journal of Immunological Methods</i> , 2000, 236, 167-176.	0.6	13
45	Identification and characterization of mature β -hexosaminidases associated with human placenta lysosomal membrane. <i>Bioscience Reports</i> , 2008, 28, 229-237.	1.1	13
46	Cloning and expression of pigeon IFN- β gene. <i>Research in Veterinary Science</i> , 2010, 89, 367-372.	0.9	12
47	TFEB activation promotes the recruitment of lysosomal glycohydrolases β -hexosaminidase and β -galactosidase to the plasma membrane. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 251-257.	1.0	12
48	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.	1.4	11
49	Glycohydrolases β -hexosaminidase and β -galactosidase are associated with lipid microdomains of Jurkat T-lymphocytes. <i>Biochimie</i> , 2012, 94, 684-694.	1.3	10
50	Raman micro-spectroscopy study of living SH-SY5Y cells adhering on different substrates. <i>Biophysical Chemistry</i> , 2016, 208, 48-53.	1.5	10
51	In Vitro Evolution of Ligands for HCV-Specific Serum Antibodies. <i>Biological Chemistry</i> , 2000, 381, 245-254.	1.2	9
52	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, .	0.6	9
53	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, 431-444.	1.2	8
54	β -Hexosaminidase over-expression affects lysosomal glycohydrolases expression and glycosphingolipid metabolism in mammalian cells. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 109-118.	1.4	8

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55	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. <i>Neurochemical Research</i> , 2016, 41, 258-269.	1.6	8
56	Drug-Induced Lysosomal Impairment Is Associated with the Release of Extracellular Vesicles Carrying Autophagy Markers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12922.	1.8	8
57	Hypermethylation contributes to down-regulation of lysosomal β -hexosaminidase α subunit in prostate cancer cells. <i>Biochimie</i> , 2014, 101, 75-82.	1.3	7
58	Correlative Brillouin and Raman spectroscopy data acquired on single cells. <i>Data in Brief</i> , 2020, 29, 105223.	0.5	7
59	Therapeutic Approaches for Lysosomal Storage Diseases: A Patent Update. <i>Recent Patents on CNS Drug Discovery</i> , 2013, 8, 91-109.	0.9	7
60	Quaternized styryl-azinium fluorophores as cellular RNA-binders. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 362-370.	1.6	6
61	LipidOne: user-friendly lipidomic data analysis tool for a deeper interpretation in a systems biology scenario. <i>Bioinformatics</i> , 2022, 38, 1767-1769.	1.8	6
62	Human lysosomal β -D-mannosidase regulation in promyelocytic leukaemia cells. <i>Bioscience Reports</i> , 2011, 31, 477-487.	1.1	5
63	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.	0.4	4
64	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.	1.2	2
65	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.	0.6	1