Lorena Urbanelli

List of Publications by Year in Descending Order

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	Circulating Extracellular Vesicles from Acute Myeloid Leukemia Patients Drive Distinct Metabolic Profile of Leukemic Cells and Reveal Crucial Lipidomic Biomarkers. *Blood*, **2021**, 138, 3471-3471	2.2	0
62	Extracellular Vesicles under Oxidative Stress Conditions: Biological Properties and Physiological Roles. *Cells*, **2021**, 10,	7.9	13
61	LipidOne: user-friendly lipidomic data analysis tool for a deeper interpretation in a systems biology scenario.. *Bioinformatics*, **2021**,	7.2	2
60	Lysosomal Exocytosis: The Extracellular Role of an Intracellular Organelle. *Membranes*, **2020**, 10,	3.8	13
59	Quaternized styryl-azinium fluorophores as cellular RNA-binders. *Photochemical and Photobiological Sciences*, **2020**, 19, 362-370	4.2	5
58	Correlative Brillouin and Raman spectroscopy data acquired on single cells. *Data in Brief*, **2020**, 29, 105223	1.2	4
57	The n-10 Fatty Acids Family in the Lipidome of Human Prostatic Adenocarcinoma Cell Membranes and Extracellular Vesicles. *Cancers*, **2020**, 12,	6.6	13
56	Lysosomal Exocytosis, Exosome Release and Secretory Autophagy: The Autophagic- and Endo-Lysosomal Systems Go Extracellular. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	89
55	Effect of Curcumin on Protein Damage Induced by Rotenone in Dopaminergic PC12 Cells. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
54	Lipidomic analysis of cancer cells cultivated at acidic pH reveals phospholipid fatty acids remodelling associated with transcriptional reprogramming. *Journal of Enzyme Inhibition and Medicinal Chemistry*, **2020**, 35, 963-973	5.6	8
53	The Role of Extracellular Vesicles in Viral Infection and Transmission. *Vaccines*, **2019**, 7,	5.3	75
52	Insight into the Role of Extracellular Vesicles in Lysosomal Storage Disorders. *Genes*, **2019**, 10,	4.2	26
51	Micro-Raman detection of the differentiation state of SH-SY5Y cells grown on silicon and aluminium substrates. *Journal of Raman Spectroscopy*, **2018**, 49, 1031-1040	2.3	2
50	Extracellular Vesicles as Conveyors of Membrane-Derived Bioactive Lipids in Immune System. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	47
49	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. *Journal of Extracellular Vesicles*, **2018**, 7, 1535750	16.4	3642
48	Oncogenic H-Ras Expression Induces Fatty Acid Profile Changes in Human Fibroblasts and Extracellular Vesicles. *International Journal of Molecular Sciences*, **2018**, 19,	6.3	12
47	Non-contact mechanical and chemical analysis of single living cells by microspectroscopic techniques. *Light: Science and Applications*, **2018**, 7, 17139	16.7	66

46	Extracellular vesicles released by fibroblasts undergoing H-Ras induced senescence show changes in lipid profile. *PLoS ONE*, **2017**, 12, e0188840	3.7	36
45	Cryopreservation of cells: FT-IR monitoring of lipid membrane at freeze-thaw cycles. *Biophysical Chemistry*, **2016**, 208, 34-9	3.5	13
44	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. *Neurochemical Research*, **2016**, 41, 258-69	4.6	6
43	Evidence of DMSO-Induced Protein Aggregation in Cells. *Journal of Physical Chemistry A*, **2016**, 120, 5065-80	2.8	16
42	Raman micro-spectroscopy study of living SH-SY5Y cells adhering on different substrates. *Biophysical Chemistry*, **2016**, 208, 48-53	3.5	10
41	Extracellular Vesicles as New Players in Cellular Senescence. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	72
40	A possible S-glutathionylation of specific proteins by glyoxalase II: An in vitro and in silico study. *Cell Biochemistry and Function*, **2016**, 34, 620-627	4.2	21
39	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. *AIP Advances*, **2016**, 6, 111303	1.5	7
38	A role for the autophagy regulator Transcription Factor EB in amiodarone-induced phospholipidosis. *Biochemical Pharmacology*, **2015**, 95, 201-9	6	10
37	Use of Polylactide-Co-Glycolide-Nanoparticles for Lysosomal Delivery of a Therapeutic Enzyme in Glycogenosis Type II Fibroblasts. *Journal of Nanoscience and Nanotechnology*, **2015**, 15, 2657-66	1.3	12
36	Abnormal cortical lysosomal β-hexosaminidase and β-galactosidase activity at post-synaptic sites during Alzheimer's disease progression. *International Journal of Biochemistry and Cell Biology*, **2015**, 58, 62-70	5.6	19
35	Exosome-based strategies for Diagnosis and Therapy. *Recent Patents on CNS Drug Discovery*, **2015**, 10, 10-27		79
34	Evaluating the risk of phospholipidosis using a new multidisciplinary pipeline approach. *European Journal of Medicinal Chemistry*, **2015**, 92, 49-63	6.8	23
33	Spectroscopic investigation of interactions of new potential anticancer drugs with DNA and non-ionic micelles. *Journal of Physical Chemistry B*, **2015**, 119, 1483-95	3.4	23
32	S-D-Lactoylglutathione can be an alternative supply of mitochondrial glutathione. *Free Radical Biology and Medicine*, **2014**, 67, 451-9	7.8	33
31	Hypermethylation contributes to down-regulation of lysosomal β-hexosaminidase β-subunit in prostate cancer cells. *Biochimie*, **2014**, 101, 75-82	4.6	4
30	Methods to discriminate the distribution of acidic glycohydrolases between the endosomal-lysosomal systems and the plasma membrane. *Methods in Enzymology*, **2014**, 534, 25-45	1.7	4
29	Oncogenic H-Ras up-regulates acid β-hexosaminidase by a mechanism dependent on the autophagy regulator TFEB. *PLoS ONE*, **2014**, 9, e89485	3.7	13

28	Raman micro-spectroscopy: a powerful tool for the monitoring of dynamic supramolecular changes in living cells. *Biophysical Chemistry*, **2013**, 182, 58-63	3.5	24
27	TFEB activation promotes the recruitment of lysosomal glycohydrolases β-hexosaminidase and β-galactosidase to the plasma membrane. *Biochemical and Biophysical Research Communications*, **2013**, 440, 251-7	3.4	11
26	Evidence of tRNA cleavage in apicomplexan parasites: Half-tRNAs as new potential regulatory molecules of Toxoplasma gondii and Plasmodium berghei. *Molecular and Biochemical Parasitology*, **2013**, 188, 99-108	1.9	17
25	hLGDB: a database of human lysosomal genes and their regulation. *Database: the Journal of Biological Databases and Curation*, **2013**, 2013, bat024	5	34
24	Nano-laminography for three-dimensional high-resolution imaging of flat specimens. *Journal of Instrumentation*, **2013**, 8, C05006-C05006	1	10
23	Signaling pathways in exosomes biogenesis, secretion and fate. *Genes*, **2013**, 4, 152-70	4.2	225
22	Therapeutic approaches for lysosomal storage diseases: a patent update. *Recent Patents on CNS Drug Discovery*, **2013**, 8, 91-109		7
21	β-hexosaminidase over-expression affects lysosomal glycohydrolases expression and glycosphingolipid metabolism in mammalian cells. *Molecular and Cellular Biochemistry*, **2012**, 363, 109-18	4.2	6
20	Glycohydrolases β-hexosaminidase and β-galactosidase are associated with lipid microdomains of Jurkat T-lymphocytes. *Biochimie*, **2012**, 94, 684-94	4.6	9
19	Cellular redox imbalance and changes of protein S-glutathionylation patterns are associated with senescence induced by oncogenic H-ras. *PLoS ONE*, **2012**, 7, e52151	3.7	20
18	Recent developments in therapeutic approaches for lysosomal storage diseases. *Recent Patents on CNS Drug Discovery*, **2011**, 6, 1-19		19
17	Fluorescence properties of aza-helicenium derivatives for cell imaging. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 222, 307-313	4.7	14
16	Human lysosomal β-D-mannosidase regulation in promyelocytic leukaemia cells. *Bioscience Reports*, **2011**, 31, 477-87	4.1	5
15	Fibroblasts from PS1 mutated pre-symptomatic subjects and Alzheimer's disease patients share a unique protein levels profile. *Journal of Alzheimer's Disease*, **2010**, 21, 431-44	4.3	4
14	Cloning and expression of pigeon IFN-γ gene. *Research in Veterinary Science*, **2010**, 89, 367-72	2.5	8
13	Occurrence of an anomalous endocytic compartment in fibroblasts from Sandhoff disease patients. *Molecular and Cellular Biochemistry*, **2010**, 335, 273-82	4.2	13
12	Cathepsin L increased level upon Ras mutants expression: the role of p38 and p44/42 MAPK signaling pathways. *Molecular and Cellular Biochemistry*, **2010**, 343, 49-57	4.2	11
11	New perspectives for the diagnosis of Alzheimer's disease. *Recent Patents on CNS Drug Discovery*, **2009**, 4, 160-81		11

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10	Synchrotron-based X-ray fluorescence imaging of human cells labeled with CdSe quantum dots. *Analytical Biochemistry*, **2009**, 388, 33-9	3.1	65
9	Cathepsin D expression is decreased in Alzheimer's disease fibroblasts. *Neurobiology of Aging*, **2008**, 29, 12-22	5.6	48
8	Identification and characterization of mature beta-hexosaminidases associated with human placenta lysosomal membrane. *Bioscience Reports*, **2008**, 28, 229-37	4.1	13
7	Characterization of human Enah gene. *Biochimica Et Biophysica Acta Gene Regulatory Mechanisms*, **2006**, 1759, 99-107		21
6	General strategy for broadening adenovirus tropism. *Journal of Virology*, **2003**, 77, 11094-104	6.6	29
5	Up-regulation of glycohydrolases in Alzheimer's Disease fibroblasts correlates with Ras activation. *Journal of Biological Chemistry*, **2003**, 278, 38453-60	5.4	35
4	Targeted gene transduction of mammalian cells expressing the HER2/neu receptor by filamentous phage. *Journal of Molecular Biology*, **2001**, 313, 965-76	6.5	46
3	"Affinity maturation" of ligands for HCV-specific serum antibodies. *Journal of Immunological Methods*, **2000**, 236, 167-76	2.5	13
2	'In vitro evolution' of ligands for HCV-specific serum antibodies. *Biological Chemistry*, **2000**, 381, 245-54	4.5	7
1	DNA-based selection and screening of peptide ligands. *Nature Biotechnology*, **1998**, 16, 1068-73	44.5	20