

# Carla Emiliani

## List of Publications by Year in descending order

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142  
papers

4,208  
citations

126858

33  
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143943

57  
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146  
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146  
docs citations

146  
times ranked

7449  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatible Polymer Nanoparticles for Drug Delivery Applications in Cancer and Neurodegenerative Disorder Therapies. <i>Journal of Functional Biomaterials</i> , 2019, 10, 4.	1.8	291
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	PVA bio-nanocomposites: A new take-off using cellulose nanocrystals and PLGA nanoparticles. <i>Carbohydrate Polymers</i> , 2014, 99, 47-58.	5.1	126
5	The Role of Extracellular Vesicles in Viral Infection and Transmission. <i>Vaccines</i> , 2019, 7, 102.	2.1	124
6	Exosome-based strategies for Diagnosis and Therapy. <i>Recent Patents on CNS Drug Discovery</i> , 2015, 10, 10-27.	0.9	97
7	Extracellular Vesicles as New Players in Cellular Senescence. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1408.	1.8	91
8	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
9	Insight into Mechanobiology: How Stem Cells Feel Mechanical Forces and Orchestrate Biological Functions. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5337.	1.8	81
10	Platelets Release their Lysosomal Content In Vivo in Humans upon Activation. <i>Thrombosis and Haemostasis</i> , 2000, 83, 157-164.	1.8	79
11	THE LIPID SOLUBILITY OF PORPHYRINS MODULATES THEIR PHOTOTOXICITY IN MEMBRANE MODELS. <i>Photochemistry and Photobiology</i> , 1983, 37, 487-490.	1.3	76
12	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
13	A direct gene transfer strategy via brain internal capsule reverses the biochemical defect in Tayâ€“Sachs disease. <i>Human Molecular Genetics</i> , 2005, 14, 2113-2123.	1.4	72
14	Toxoplasma depends on lysosomal consumption of autophagosomes for persistent infection. <i>Nature Microbiology</i> , 2017, 2, 17096.	5.9	72
15	Lysosomal Exocytosis: The Extracellular Role of an Intracellular Organelle. <i>Membranes</i> , 2020, 10, 406.	1.4	69
16	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
17	Extracellular Vesicles under Oxidative Stress Conditions: Biological Properties and Physiological Roles. <i>Cells</i> , 2021, 10, 1763.	1.8	66
18	Cathepsin D expression is decreased in Alzheimer's disease fibroblasts. <i>Neurobiology of Aging</i> , 2008, 29, 12-22.	1.5	61

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19	Adipose Stem Cell Translational Applications: From Bench-to-Bedside. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3475.	1.8	60
20	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
21	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
22	Identification of plasma membrane associated mature $\beta$ -hexosaminidase A, active towards GM2 ganglioside, in human fibroblasts. <i>FEBS Letters</i> , 2005, 579, 5501-5506.	1.3	45
23	Roles of the Amino Terminal Region and Repeat Region of the Plasmodium berghei Circumsporozoite Protein in Parasite Infectivity. <i>PLoS ONE</i> , 2012, 7, e32524.	1.1	44
24	High-Performance Versatile Setup for Simultaneous Brillouin-Raman Microspectroscopy. <i>Physical Review X</i> , 2017, 7, .	2.8	44
25	Keratins extracted from Merino wool and Brown Alpaca fibres: Thermal, mechanical and biological properties of PLLA based biocomposites. <i>Materials Science and Engineering C</i> , 2015, 47, 394-406.	3.8	42
26	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
27	Early intrathecal infusion of everolimus restores cognitive function and mood in a murine model of Alzheimer's disease. <i>Experimental Neurology</i> , 2019, 311, 88-105.	2.0	41
28	Widespread distribution of $\beta$ -hexosaminidase activity in the brain of a Sandhoff mouse model after coinjection of adenoviral vector and mannitol. <i>Gene Therapy</i> , 2003, 10, 1841-1849.	2.3	39
29	Above the Epitranscriptome: RNA Modifications and Stem Cell Identity. <i>Genes</i> , 2018, 9, 329.	1.0	39
30	KRIT1 Loss-Of-Function Associated with Cerebral Cavernous Malformation Disease Leads to Enhanced S-Glutathionylation of Distinct Structural and Regulatory Proteins. <i>Antioxidants</i> , 2019, 8, 27.	2.2	39
31	Assessment of safety and efficiency of nitrogen organic fertilizers from animal-based protein hydrolysates-a laboratory multidisciplinary approach. <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 235-245.	1.7	38
32	A Comparison of Lysosomal Enzymes Expression Levels in Peripheral Blood of Mild- and Severe-Alzheimer's Disease and MCI Patients: Implications for Regenerative Medicine Approaches. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1806.	1.8	36
33	Insight into the Role of Extracellular Vesicles in Lysosomal Storage Disorders. <i>Genes</i> , 2019, 10, 510.	1.0	35
34	Absence of Metabolic Cross-correction in Tay-Sachs Cells. <i>Journal of Biological Chemistry</i> , 2002, 277, 20177-20184.	1.6	32
35	Muscle as a putative producer of acid alpha-glucosidase for glycogenosis type II gene therapy. <i>Human Molecular Genetics</i> , 2002, 11, 1637-1645.	1.4	32
36	Bicistronic lentiviral vector corrects $\beta$ -hexosaminidase deficiency in transduced and cross-corrected human Sandhoff fibroblasts. <i>Neurobiology of Disease</i> , 2005, 20, 583-593.	2.1	32

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37	Restoration of the GM2 ganglioside metabolism in bone marrow-derived stromal cells from Tay-Sachs disease animal model. <i>Neurochemical Research</i> , 2002, 27, 793-800.	1.6	31
38	Differences in Extracellular Matrix Production and Basic Fibroblast Growth Factor Response in Skin Fibroblasts from Sporadic and Familial Alzheimer's Disease. <i>Molecular Medicine</i> , 2007, 13, 542-550.	1.9	31
39	Rapamycin Loaded Solid Lipid Nanoparticles as a New Tool to Deliver mTOR Inhibitors: Formulation and in Vitro Characterization. <i>Nanomaterials</i> , 2016, 6, 87.	1.9	31
40	Chaperone Therapy for GM2 Gangliosidosis: Effects of Pyrimethamine on $\beta$ -Hexosaminidase Activity in Sandhoff Fibroblasts. <i>Molecular Neurobiology</i> , 2014, 50, 159-167.	1.9	30
41	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
42	Expression and purification of a human, soluble Arylsulfatase A for Metachromatic Leukodystrophy enzyme replacement therapy. <i>Journal of Biotechnology</i> , 2005, 117, 243-251.	1.9	27
43	Characterization of human Enah gene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2006, 1759, 99-107.	2.4	27
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, 1483-1495.	1.2	27
45	Toxoplasma-induced changes in host risk behaviour are independent of parasite-derived AaaH2 tyrosine hydroxylase. <i>Scientific Reports</i> , 2017, 7, 13822.	1.6	27
46	A distinct $\beta$ -hexosaminidase isoenzyme separated from human leukemic lymphocytes and myelocytes. <i>Biochemical and Biophysical Research Communications</i> , 1984, 122, 966-973.	1.0	26
47	Effect of pH on potassium metabisulphite biocidal activity against yeast and human cell cultures. <i>Food Chemistry</i> , 2012, 134, 1327-1336.	4.2	26
48	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
49	Surface Hydrophilicity of Poly(L-Lactide) Acid Polymer Film Changes the Human Adult Adipose Stem Cell Architecture. <i>Polymers</i> , 2018, 10, 140.	2.0	26
50	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
51	In-vitro degradation of PLGA nanoparticles in aqueous medium and in stem cell cultures by monitoring the cargo fluorescence spectrum. <i>Polymer Degradation and Stability</i> , 2016, 134, 296-304.	2.7	25
52	Rapamycin-loaded solid lipid nanoparticles: Morphology and impact of the drug loading on the phase transition between lipid polymorphs. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 502, 54-65.	2.3	24
53	Abnormal cortical lysosomal $\beta$ -hexosaminidase and $\beta$ -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
54	Design of a nanocomposite substrate inducing adult stem cell assembly and progression toward an Epiblast-like or Primitive Endoderm-like phenotype via mechanotransduction. <i>Biomaterials</i> , 2017, 144, 211-229.	5.7	23

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55	Recent Developments in Therapeutic Approaches for Lysosomal Storage Diseases. <i>Recent Patents on CNS Drug Discovery</i> , 2011, 6, 1-19.	0.9	22
56	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
57	Evidence of DMSO-Induced Protein Aggregation in Cells. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5065-5070.	1.1	22
58	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
59	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
60	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
61	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
62	mTOR Signaling and Neural Stem Cells: The Tuberous Sclerosis Complex Model. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1474.	1.8	20
63	The role of physical cues in the development of stem cell-derived organoids. <i>European Biophysics Journal</i> , 2022, 51, 105-117.	1.2	20
64	$\hat{I}^2$ N-acetylhexosaminidases A and S have similar sub-cellular distributions in HL-60 cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1243, 489-495.	1.1	19
65	Ex-Vivo Tissues Engineering Modeling for Reconstructive Surgery Using Human Adult Adipose Stem Cells and Polymeric Nanostructured Matrix. <i>Nanomaterials</i> , 2016, 6, 57.	1.9	19
66	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
67	Protein carbonylation in dopaminergic cells exposed to rotenone. <i>Toxicology Letters</i> , 2019, 309, 20-32.	0.4	18
68	Biologically driven cut-off definition of lymphocyte ratios in metastatic breast cancer and association with exosomal subpopulations and prognosis. <i>Scientific Reports</i> , 2020, 10, 7010.	1.6	18
69	The Influence of Modified Silica Nanomaterials on Adult Stem Cell Culture. <i>Nanomaterials</i> , 2016, 6, 104.	1.9	17
70	Alternative splicing mechanisms orchestrating post-transcriptional gene expression: intron retention and the intron-rich genome of apicomplexan parasites. <i>Current Genetics</i> , 2016, 62, 31-38.	0.8	17
71	Oncogenic H-Ras Up-Regulates Acid $\hat{I}^2$ -Hexosaminidase by a Mechanism Dependent on the Autophagy Regulator TFEB. <i>PLoS ONE</i> , 2014, 9, e89485.	1.1	17
72	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

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73	TFEB activation restores migration ability to Tsc1-deficient adult neural stem/progenitor cells. <i>Human Molecular Genetics</i> , 2017, 26, 3303-3312.	1.4	16
74	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
75	Defective platelet $\beta$ -N-acetyl hexosaminidase content and release in chronic myeloproliferative disorders. <i>Platelets</i> , 2006, 17, 20-29.	1.1	15
76	New Perspectives for the Diagnosis of Alzheimers Disease. <i>Recent Patents on CNS Drug Discovery</i> , 2009, 4, 160-181.	0.9	15
77	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
78	A New Analytical Bench Assay for the Determination of Arylsulfatase A Activity Toward Galactosyl-3-Sulfate Ceramide: Implication for Metachromatic Leukodystrophy Diagnosis. <i>Analytical Chemistry</i> , 2014, 86, 473-481.	3.2	15
79	Cryopreservation of cells: FT-IR monitoring of lipid membrane at freeze-thaw cycles. <i>Biophysical Chemistry</i> , 2016, 208, 34-39.	1.5	15
80	A role for the autophagy regulator Transcription Factor EB in amiodarone-induced phospholipidosis. <i>Biochemical Pharmacology</i> , 2015, 95, 201-209.	2.0	14
81	Evidence for the regulation of $\beta$ -N-acetylhexosaminidase expression during pregnancy in the rat. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2000, 1475, 184-190.	1.1	13
82	Identification and characterization of mature $\beta$ -hexosaminidases associated with human placenta lysosomal membrane. <i>Bioscience Reports</i> , 2008, 28, 229-237.	1.1	13
83	TFEB activation promotes the recruitment of lysosomal glycohydrolases $\beta$ -hexosaminidase and $\beta$ -galactosidase to the plasma membrane. <i>Biochemical and Biophysical Research Communications</i> , 2013, 440, 251-257.	1.0	12
84	Particular forms of $\beta$ -N-acetylhexosaminidase in human leukaemic cells. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1992, 24, 539-544.	0.8	11
85	$\beta$ -N-Acetylhexosaminidase in Peripheral Blood Lymphocytes and Monocytes in the Different Forms and Stages of Multiple Sclerosis. <i>Journal of Neurochemistry</i> , 2002, 71, 1168-1176.	2.1	11
86	Enhancement of Lysosomal Glycohydrolase Activity in Human Primary B Lymphocytes during Spontaneous Apoptosis. <i>International Journal of Immunopathology and Pharmacology</i> , 2007, 20, 279-287.	1.0	11
87	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
88	Nanostructured polystyrene films engineered by plasma processes: Surface characterization and stem cell interaction. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	1.3	11
89	Covalent Immobilization of Proteases on Polylactic Acid for Proteins Hydrolysis and Waste Biomass Protein Content Valorization. <i>Catalysts</i> , 2021, 11, 167.	1.6	11
90	$\beta$ -N-Acetylhexosaminidases in the spleen of a patient with hairy-cell leukaemia. <i>BBA - Proteins and Proteomics</i> , 1990, 1037, 265-273.	2.1	10

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91	Platelet glycohydrolase activities: Characterization and release. <i>Cell Biochemistry and Function</i> , 1995, 13, 31-39.	1.4	10
92	Glycohydrolases $\beta$ -hexosaminidase and $\beta$ -galactosidase are associated with lipid microdomains of Jurkat T-lymphocytes. <i>Biochimie</i> , 2012, 94, 684-694.	1.3	10
93	Raman micro-spectroscopy study of living SH-SY5Y cells adhering on different substrates. <i>Biophysical Chemistry</i> , 2016, 208, 48-53.	1.5	10
94	Functionalized Silica Star-Shaped Nanoparticles and Human Mesenchymal Stem Cells: An In Vitro Model. <i>Nanomaterials</i> , 2021, 11, 779.	1.9	10
95	Metabolomic Profiling, Antioxidant and Antimicrobial Activity of <i>Bidens pilosa</i> . <i>Processes</i> , 2021, 9, 903.	1.3	10
96	Proteomics and Epigenetic Mechanisms in Stem Cells. <i>Current Proteomics</i> , 2014, 11, 193-209.	0.1	10
97	On the active site of $\beta$ -hexosaminidase from latex of <i>Ficus glabrata</i> . <i>Phytochemistry</i> , 1985, 24, 659-662.	1.4	9
98	Interpretation of the complex karyotype and identification of a new 6p amplicon by integrated comparative genomic hybridization and fluorescence in situ hybridization on the U937-I cell line. <i>Cancer Genetics and Cytogenetics</i> , 2002, 135, 28-34.	1.0	9
99	Biochemical and Immunological Characterization of Pollen-Derived $\beta$ -Galactosidase Reveals a New Cross-Reactive Class of Allergens among Mediterranean Trees. <i>International Archives of Allergy and Immunology</i> , 2005, 136, 123-133.	0.9	9
100	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
101	Unpatterned Bioactive Poly(Butylene 1,4-Cyclohexanedicarboxylate)-Based Film Fast Induced Neuronal-Like Differentiation of Human Bone Marrow-Mesenchymal Stem Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9274.	1.8	9
102	Purification and properties of human urinary $\beta$ -d-mannosidase. <i>BBA - Proteins and Proteomics</i> , 1996, 1293, 9-16.	2.1	8
103	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
104	$\beta$ -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
105	The Big Bluff of Amyotrophic Lateral Sclerosis Diagnosis: The Role of Neurodegenerative Disease Mimics. <i>Neurodegenerative Diseases</i> , 2015, 15, 313-321.	0.8	8
106	Changes in Lipid Composition During Manganese-Induced Apoptosis in PC12 Cells. <i>Neurochemical Research</i> , 2016, 41, 258-269.	1.6	8
107	Curcumin Analogue C1 Promotes Hex and Gal Recruitment to the Plasma Membrane via mTORC1-independent TFEB Activation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1363.	1.8	8
108	The Other Side of Alzheimer's Disease: Influence of Metabolic Disorder Features for Novel Diagnostic Biomarkers. <i>Journal of Personalized Medicine</i> , 2020, 10, 115.	1.1	8

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109	De novo ssRNA Aptamers against the SARS-CoV-2 Main Protease: In Silico Design and Molecular Dynamics Simulation. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6874.	1.8	8
110	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
111	Expression of a particular $\beta$ -N-acetylglucosaminidase isoenzyme in human haematopoietic leukemic cell-lines. <i>Cell Biochemistry and Function</i> , 1986, 4, 197-203.	1.4	7
112	Distribution of active $\alpha$ - and $\beta$ -subunits of $\beta$ -N-acetylhexosaminidase as a function of leukaemic cell types. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1335, 5-15.	1.1	7
113	Hypermethylation contributes to down-regulation of lysosomal $\beta$ -hexosaminidase $\alpha$ subunit in prostate cancer cells. <i>Biochimie</i> , 2014, 101, 75-82.	1.3	7
114	Correlative Brillouin and Raman spectroscopy data acquired on single cells. <i>Data in Brief</i> , 2020, 29, 105223.	0.5	7
115	Storage of Mutant Human SOD1 in Non-Neural Cells from the Type-1 Amyotrophic Lateral Sclerosis ratG93A Model Correlated with the Lysosomes <sup>TM</sup> Dysfunction. <i>Biomedicines</i> , 2021, 9, 1080.	1.4	7
116	Therapeutic Approaches for Lysosomal Storage Diseases: A Patent Update. <i>Recent Patents on CNS Drug Discovery</i> , 2013, 8, 91-109.	0.9	7
117	Chronic lithium administration in a mouse model for Krabbe disease. <i>JIMD Reports</i> , 2022, 63, 50-65.	0.7	7
118	$\beta$ -N-Acetylhexosaminidases in human cerebrospinal fluid and serum of patients with multiple sclerosis. <i>Clinica Chimica Acta</i> , 1991, 200, 73-80.	0.5	6
119	Adenosine A1 receptors contribute to mitochondria vulnerability to pro-oxidant stressors. <i>Mitochondrion</i> , 2010, 10, 369-379.	1.6	6
120	Evaluation of a LC-MS method for everolimus preclinical determination in brain by using [13C2D4]RAD001 internal standard. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 985, 155-163.	1.2	6
121	An Alternative Approach to Evaluate the Quality of Protein-Based Raw Materials for Dry Pet Food. <i>Animals</i> , 2021, 11, 458.	1.0	6
122	Enhanced Stability of Long-Living Immobilized Recombinant $\beta$ -d-N-Acetyl-Hexosaminidase A on Polylactic Acid (PLA) Films for Potential Biomedical Applications. <i>Journal of Functional Biomaterials</i> , 2021, 12, 32.	1.8	6
123	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
124	Distinct $\alpha$ -L-Fucosidase Isoenzyme Profiles in Human Leukemic Cells. <i>Cancer Investigation</i> , 1987, 5, 95-100.	0.6	5
125	Human lysosomal $\alpha$ -D-mannosidase regulation in promyelocytic leukaemia cells. <i>Bioscience Reports</i> , 2011, 31, 477-487.	1.1	5
126	Delta-Integration of Single Gene Shapes the Whole Metabolomic Short-Term Response to Ethanol of Recombinant <i>Saccharomyces cerevisiae</i> Strains. <i>Metabolites</i> , 2020, 10, 140.	1.3	5



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127	Immobilizing Enzymes on a Commercial Polymer: Performance Analysis of a GOx-Laccase Based Enzymatic Biofuel Cell Assembly. <i>Energies</i> , 2022, 15, 2182.	1.6	5
128	isoenzymes from human amnionic membranes. <i>Clinica Chimica Acta</i> , 1986, 159, 279-289.	0.5	4
129	Alteration of $\beta$ -hexosaminidase activity and isoenzymes in human leukemic cells. <i>Biochemical Medicine and Metabolic Biology</i> , 1986, 36, 283-292.	0.7	4
130	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
131	HexA-Enzyme Coated Polymer Nanoparticles for the Development of a Drug-Delivery System in the Treatment of Sandhoff Lysosomal Storage Disease. <i>Journal of Functional Biomaterials</i> , 2022, 13, 37.	1.8	4
132	Increase of intermediate forms of $\beta$ -N-acetylhexosaminidase during rat liver development and regeneration. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1991, 23, 215-219.	0.8	3
133	Pregnancy modulates the expression of $\beta$ -N-acetylhexosaminidase in rat serum and tissues. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1992, 24, 1599-1605.	0.8	3
134	Integrated Computational Analysis Highlights unique miRNA Signatures in the Subventricular Zone and Striatum of GM2 Gangliosidosis Animal Models. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3179.	1.8	3
135	Proteome Alterations in Equine Osteochondrotic Chondrocytes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6179.	1.8	3
136	Chromatofocusing coupled with automated assay for $\beta$ -hexosaminidase isoenzymes in GM2 gangliosidosis. <i>Experientia</i> , 1985, 41, 525-527.	1.2	2
137	Micro-Raman detection of the differentiation state of <i>S. aureus</i> cells grown on silicon and aluminium substrates. <i>Journal of Raman Spectroscopy</i> , 2018, 49, 1031-1040.	1.2	2
138	RNA Modifications in Neurodegenerations. <i>RNA Technologies</i> , 2021, , 23-77.	0.2	1
139	Lysosomal Glycohydrolase Activities in Dendritic Cells: Is It a Function of Hematopoietic Stem Cells Differentiation Process?. <i>Blood</i> , 2004, 104, 4193-4193.	0.6	1
140	Patterns of $\beta$ -l-fucosidase in acute myeloid leukemia cells. Comparison with promyelocytic HL-60 cell line. <i>Carbohydrate Research</i> , 1992, 236, 259-265.	1.1	0
141	$\beta$ -D-mannosidase properties in serum of patients with amyotrophic lateral sclerosis. <i>Journal of Neurology</i> , 2001, 248, 1090-1092.	1.8	0
142	P4-186 Regulation of lysosomal enzymes expression in fibroblasts from Alzheimer's disease patients. <i>Neurobiology of Aging</i> , 2004, 25, S528.	1.5	0