

# Gian Maria Fimia

## List of Publications by Year in descending order

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164  
papers

32,676  
citations

18887

64  
h-index

6512

162  
g-index

168  
all docs

168  
docs citations

168  
times ranked

50290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. <i>Cell Death and Differentiation</i> , 2018, 25, 486-541.	5.0	4,036
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
4	Calreticulin exposure dictates the immunogenicity of cancer cell death. <i>Nature Medicine</i> , 2007, 13, 54-61.	15.2	2,580
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582</i>	4.3	1,430
6	Molecular definitions of autophagy and related processes. <i>EMBO Journal</i> , 2017, 36, 1811-1836.	3.5	1,230
7	Ambra1 regulates autophagy and development of the nervous system. <i>Nature</i> , 2007, 447, 1121-1125.	13.7	889
8	Essential versus accessory aspects of cell death: recommendations of the NCCD 2015. <i>Cell Death and Differentiation</i> , 2015, 22, 58-73.	5.0	811
9	Impairing follicle-stimulating hormone (FSH) signaling in vivo: Targeted disruption of the FSH receptor leads to aberrant gametogenesis and hormonal imbalance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998, 95, 13612-13617.	3.3	768
10	mTOR inhibits autophagy by controlling ULK1 ubiquitylation, self-association and function through AMBRA1 and TRAF6. <i>Nature Cell Biology</i> , 2013, 15, 406-416.	4.6	662
11	Autophagy in major human diseases. <i>EMBO Journal</i> , 2021, 40, e108863.	3.5	615
12	Cannabinoid action induces autophagy-mediated cell death through stimulation of ER stress in human glioma cells. <i>Journal of Clinical Investigation</i> , 2009, 119, 1359-1372.	3.9	585
13	Mitotic Phosphorylation of Histone H3: Spatio-Temporal Regulation by Mammalian Aurora Kinases. <i>Molecular and Cellular Biology</i> , 2002, 22, 874-885.	1.1	577
14	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. <i>Cell Death and Disease</i> , 2014, 5, e1179-e1179.	2.7	447
15	The dynamic interaction of AMBRA1 with the dynein motor complex regulates mammalian autophagy. <i>Journal of Cell Biology</i> , 2010, 191, 155-168.	2.3	432
16	An Immunosurveillance Mechanism Controls Cancer Cell Ploidy. <i>Science</i> , 2012, 337, 1678-1684.	6.0	367
17	The co-translocation of ERp57 and calreticulin determines the immunogenicity of cell death. <i>Cell Death and Differentiation</i> , 2008, 15, 1499-1509.	5.0	298
18	AMBRA1 is able to induce mitophagy via LC3 binding, regardless of PARKIN and p62/SQSTM1. <i>Cell Death and Differentiation</i> , 2015, 22, 419-432.	5.0	294

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19	Signaling routes to CREM and CREB: plasticity in transcriptional activation. Trends in Biochemical Sciences, 1999, 24, 281-285.	3.7	281
20	Beclin1: A role in membrane dynamics and beyond. Autophagy, 2012, 8, 6-17.	4.3	262
21	Endoplasmic Reticulum Stress, Unfolded Protein Response, and Cancer Cell Fate. Frontiers in Oncology, 2017, 7, 78.	1.3	261
22	PINK1 and BECN1 relocalize at mitochondria-associated membranes during mitophagy and promote ER-mitochondria tethering and autophagosome formation. Autophagy, 2017, 13, 654-669.	4.3	249
23	ESX-1 dependent impairment of autophagic flux by <i>Mycobacterium tuberculosis</i> in human dendritic cells. Autophagy, 2012, 8, 1357-1370.	4.3	237
24	CBP-independent activation of CREM and CREB by the LIM-only protein ACT. Nature, 1999, 398, 165-169.	13.7	216
25	Mitochondrial BCL-2 inhibits AMBRA1-induced autophagy. EMBO Journal, 2011, 30, 1195-1208.	3.5	206
26	Emerging Mechanisms in Initiating and Terminating Autophagy. Trends in Biochemical Sciences, 2017, 42, 28-41.	3.7	203
27	AMBRA1 links autophagy to cell proliferation and tumorigenesis by promoting c-Myc dephosphorylation and degradation. Nature Cell Biology, 2015, 17, 20-30.	4.6	200
28	Expansion of myeloid-derived suppressor cells in patients with severe coronavirus disease (COVID-19). Cell Death and Differentiation, 2020, 27, 3196-3207.	5.0	196
29	A Family of LIM-Only Transcriptional Coactivators: Tissue-Specific Expression and Selective Activation of CREB and CREM. Molecular and Cellular Biology, 2000, 20, 8613-8622.	1.1	186
30	Late Arrest of Spermiogenesis and Germ Cell Apoptosis in Mice Lacking the TBP-like TLF/TRF2 Gene. Molecular Cell, 2001, 7, 509-515.	4.5	176
31	Regulation of autophagy in mammals and its interplay with apoptosis. Cellular and Molecular Life Sciences, 2010, 67, 1581-1588.	2.4	174
32	Interaction between AIF and CHCHD4 Regulates Respiratory Chain Biogenesis. Molecular Cell, 2015, 58, 1001-1014.	4.5	164
33	Extracellular ATP acts on P2Y2 purinergic receptors to facilitate HIV-1 infection. Journal of Experimental Medicine, 2011, 208, 1823-1834.	4.2	156
34	Proteolysis of Ambra1 during apoptosis has a role in the inhibition of the autophagic pro-survival response. Cell Death and Differentiation, 2012, 19, 1495-1504.	5.0	134
35	AMBRA1 Interplay with Cullin E3 Ubiquitin Ligases Regulates Autophagy Dynamics. Developmental Cell, 2014, 31, 734-746.	3.1	127
36	Oncogenic BRAF induces chronic ER stress condition resulting in increased basal autophagy and apoptotic resistance of cutaneous melanoma. Cell Death and Differentiation, 2015, 22, 946-958.	5.0	127

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37	Molecular mechanisms of hepatitis C virus-induced hepatocellular carcinoma. <i>Clinical Microbiology and Infection</i> , 2016, 22, 853-861.	2.8	125
38	The splicing regulator Sam68 binds to a novel exonic splicing silencer and functions in SMN2 alternative splicing in spinal muscular atrophy. <i>EMBO Journal</i> , 2010, 29, 1235-1247.	3.5	117
39	Fine-tuning of ULK1 mRNA and protein levels is required for autophagy oscillation. <i>Journal of Cell Biology</i> , 2016, 215, 841-856.	2.3	116
40	CREM-Dependent Transcription in Male Germ Cells Controlled by a Kinesin. <i>Science</i> , 2002, 298, 2388-2390.	6.0	111
41	Nicotinic Acid Adenine Dinucleotide Phosphate (NAADP) Regulates Autophagy in Cultured Astrocytes. <i>Journal of Biological Chemistry</i> , 2011, 286, 27875-27881.	1.6	109
42	Targeting homeostatic mechanisms of endoplasmic reticulum stress to increase susceptibility of cancer cells to fenretinide-induced apoptosis: the role of stress proteins ERdj5 and ERp57. <i>British Journal of Cancer</i> , 2007, 96, 1062-1071.	2.9	105
43	Cyclic AMP signalling. <i>Journal of Cell Science</i> , 2001, 114, 1971-2.	1.2	102
44	Transglutaminase Type 2 Regulates ER-Mitochondria Contact Sites by Interacting with GRP75. <i>Cell Reports</i> , 2018, 25, 3573-3581.e4.	2.9	101
45	Rose Bengal Acetate PhotoDynamic Therapy (RBAc-PDT) Induces Exposure and Release of Damage-Associated Molecular Patterns (DAMPs) in Human HeLa Cells. <i>PLoS ONE</i> , 2014, 9, e105778.	1.1	100
46	Mycobacterium tuberculosis-induced miR-155 subverts autophagy by targeting ATG3 in human dendritic cells. <i>PLoS Pathogens</i> , 2018, 14, e1006790.	2.1	100
47	TRIM proteins in autophagy: selective sensors in cell damage and innate immune responses. <i>Cell Death and Differentiation</i> , 2020, 27, 887-902.	5.0	97
48	Autophagy regulates hepatocyte identity and epithelial-to-mesenchymal and mesenchymal-to-epithelial transitions promoting Snail degradation. <i>Cell Death and Disease</i> , 2015, 6, e1880-e1880.	2.7	96
49	Transglutaminase 2 is involved in autophagosome maturation. <i>Autophagy</i> , 2009, 5, 1145-1154.	4.3	89
50	EBV stimulates TLR and autophagy-dependent pathways and impairs maturation in plasmacytoid dendritic cells: Implications for viral immune escape. <i>European Journal of Immunology</i> , 2013, 43, 147-158.	1.6	89
51	Tissue Transglutaminase Is a Multifunctional BH3-only Protein. <i>Journal of Biological Chemistry</i> , 2004, 279, 54783-54792.	1.6	85
52	Analysis of the periplasmic proteome of <i>Pseudomonas aeruginosa</i> , a metabolically versatile opportunistic pathogen. <i>Proteomics</i> , 2009, 9, 1901-1915.	1.3	81
53	Ambra1 at the crossroad between autophagy and cell death. <i>Oncogene</i> , 2013, 32, 3311-3318.	2.6	81
54	COVID-19: viral-host interactome analyzed by network based-approach model to study pathogenesis of SARS-CoV-2 infection. <i>Journal of Translational Medicine</i> , 2020, 18, 233.	1.8	80

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55	Molecular mechanisms of selective autophagy. <i>Cell Death and Differentiation</i> , 2013, 20, 1-2.	5.0	76
56	The transcriptional co-activator SND1 is a novel regulator of alternative splicing in prostate cancer cells. <i>Oncogene</i> , 2014, 33, 3794-3802.	2.6	75
57	Autophagy induction in atrophic muscle cells requires ULK1 activation by TRIM32 through unanchored K63-linked polyubiquitin chains. <i>Science Advances</i> , 2019, 5, eaau8857.	4.7	74
58	Mitochondrial Interactome: A Focus on Antiviral Signaling Pathways. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 8.	1.8	74
59	Transcriptional control of the <i>pvdS</i> iron starvation sigma factor gene by the master regulator of sulfur metabolism CysB in <i>Pseudomonas aeruginosa</i> . <i>Environmental Microbiology</i> , 2010, 12, 1630-1642.	1.8	70
60	Autophagy plays an important role in the containment of HIV-1 in nonprogressor-infected patients. <i>Autophagy</i> , 2014, 10, 1167-1178.	4.3	70
61	Cyclic Adenosine 3',5'-Monophosphate(cAMP)/cAMP-Responsive Element Modulator (CREM)-Dependent Regulation of Cholesterologenic Lanosterol 14 $\alpha$ -Demethylase (CYP51) in Spermatids. <i>Molecular Endocrinology</i> , 1999, 13, 1951-1962.	3.7	68
62	Transglutaminase Type II Plays a Protective Role in Hepatic Injury. <i>American Journal of Pathology</i> , 2003, 162, 1293-1303.	1.9	68
63	Tissue-transglutaminase contributes to the formation of disulphide bridges in proteins of mitochondrial respiratory complexes. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2006, 1757, 1357-1365.	0.5	67
64	Autophagy Protects Cells From HCV-Induced Defects in Lipid Metabolism. <i>Gastroenterology</i> , 2012, 142, 644-653.e3.	0.6	66
65	Fenretinide induces autophagic cell death in caspase-defective breast cancer cells. <i>Autophagy</i> , 2008, 4, 435-441.	4.3	65
66	Type 2 transglutaminase is involved in the autophagy-dependent clearance of ubiquitinated proteins. <i>Cell Death and Differentiation</i> , 2012, 19, 1228-1238.	5.0	62
67	Oncogenic B-RAF Signaling in Melanoma Impairs the Therapeutic Advantage of Autophagy Inhibition. <i>Clinical Cancer Research</i> , 2011, 17, 2216-2226.	3.2	61
68	Interplay between autophagy and apoptosis in the development of <i>Danio rerio</i> follicles and the effects of a probiotic. <i>Reproduction, Fertility and Development</i> , 2013, 25, 1115.	0.1	59
69	Transglutaminase 2 ablation leads to defective function of mitochondrial respiratory complex I affecting neuronal vulnerability in experimental models of extrapyramidal disorders. <i>Journal of Neurochemistry</i> , 2007, 100, 36-49.	2.1	57
70	Activation of V $\beta$ 9V $\gamma$ 2 T cells by non-peptidic antigens induces the inhibition of subgenomic HCV replication. <i>International Immunology</i> , 2006, 18, 11-18.	1.8	56
71	A Novel Role for Autophagy in Neurodevelopment. <i>Autophagy</i> , 2007, 3, 505-507.	4.3	54
72	The involvement of cell death and survival in neural tube defects: a distinct role for apoptosis and autophagy?. <i>Cell Death and Differentiation</i> , 2008, 15, 1170-1177.	5.0	54

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73	Role of autophagy in <sc>HIV</sc> infection and pathogenesis. Journal of Internal Medicine, 2017, 281, 422-432.	2.7	54
74	Unleashing the Ambra1-Beclin 1 complex from dynein chains: Ulk1 sets Ambra1 free to induce autophagy. Autophagy, 2011, 7, 115-117.	4.3	51
75	Production of fertile offspring from genetically infertile male mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 1691-1695.	3.3	49
76	Proteomic analysis of human very low-density lipoprotein by two-dimensional gel electrophoresis and MALDI-TOF/TOF. Proteomics, 2007, 7, 143-154.	1.3	48
77	Transglutaminase 2 ablation leads to mitophagy impairment associated with a metabolic shift towards aerobic glycolysis. Cell Death and Differentiation, 2015, 22, 408-418.	5.0	48
78	Cyclic Adenosine 3',5'-Monophosphate(cAMP)/cAMP-Responsive Element Modulator (CREM)-Dependent Regulation of Cholesterologenic Lanosterol 14Å-Demethylase (CYP51) in Spermatids. Molecular Endocrinology, 1999, 13, 1951-1962.	3.7	48
79	Hepatitis C virus relies on lipoproteins for its life cycle. World Journal of Gastroenterology, 2016, 22, 1953.	1.4	47
80	Transglutaminase type 2-dependent selective recruitment of proteins into exosomes under stressful cellular conditions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 2084-2092.	1.9	47
81	Glucose capped silver nanoparticles induce cell cycle arrest in HeLa cells. Toxicology in Vitro, 2017, 41, 64-74.	1.1	47
82	Why is autophagy important for melanoma? Molecular mechanisms and therapeutic implications. Seminars in Cancer Biology, 2013, 23, 337-343.	4.3	46
83	<i>Ambra1</i> knockdown in zebrafish leads to incomplete development due to severe defects in organogenesis. Autophagy, 2013, 9, 476-495.	4.3	46
84	CREM, a master-switch of the transcriptional cascade in male germ cells. Journal of Endocrinological Investigation, 2000, 23, 592-596.	1.8	45
85	Transcriptional cascades during spermatogenesis: pivotal role of CREM and ACT. Molecular and Cellular Endocrinology, 2001, 179, 17-23.	1.6	45
86	Glutamate induces autophagy via the two-pore channels in neural cells. Oncotarget, 2017, 8, 12730-12740.	0.8	45
87	Specific T Cells Restore the Autophagic Flux Inhibited by Mycobacterium tuberculosis in Human Primary Macrophages. Journal of Infectious Diseases, 2012, 205, 1425-1435.	1.9	44
88	Inhibition of autophagy in EBV-positive Burkittâ€™s lymphoma cells enhances EBV lytic genes expression and replication. Cell Death and Disease, 2015, 6, e1876-e1876.	2.7	43
89	Down-regulation of E2F1 during ER stress is required to induce apoptosis. Journal of Cell Science, 2015, 128, 1166-79.	1.2	42
90	Raft-like lipid microdomains drive autophagy initiation via AMBRA1-ERLIN1 molecular association within MAMs. Autophagy, 2021, 17, 2528-2548.	4.3	42

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91	On-target versus off-target effects of drugs inhibiting the replication of SARS-CoV-2. <i>Cell Death and Disease</i> , 2020, 11, 656.	2.7	40
92	Inhibition of HIV-1 Replication in Monocyte-Derived Macrophages by <i>Mycobacterium tuberculosis</i> . <i>Journal of Infectious Diseases</i> , 2004, 189, 624-633.	1.9	39
93	TRIM50 regulates Beclin 1 proautophagic activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 908-919.	1.9	39
94	The unbalanced p53/SIRT1 axis may impact lymphocyte homeostasis in COVID-19 patients. <i>International Journal of Infectious Diseases</i> , 2021, 105, 49-53.	1.5	38
95	A brain-specific isoform of mitochondrial apoptosis-inducing factor: AIF2. <i>Cell Death and Differentiation</i> , 2010, 17, 1155-1166.	5.0	37
96	Clinical isolates of the modern <i>Mycobacterium tuberculosis</i> lineage 4 evade host defense in human macrophages through eluding IL-1 $\beta$ -induced autophagy. <i>Cell Death and Disease</i> , 2018, 9, 624.	2.7	37
97	Proteomic analysis identifies the RNA helicase DDX3X as a host target against SARS-CoV-2 infection. <i>Antiviral Research</i> , 2021, 190, 105064.	1.9	37
98	Negative Regulation of Mitochondrial Antiviral Signaling Protein-Mediated Antiviral Signaling by the Mitochondrial Protein LRPPRC During Hepatitis C Virus Infection. <i>Hepatology</i> , 2019, 69, 34-50.	3.6	36
99	Transcriptional Control in Male Germ Cells: General Factor TFIIA Participates in CREM-Dependent Gene Activation. <i>Molecular Endocrinology</i> , 2003, 17, 2554-2565.	3.7	35
100	Prosurvival AMBRA1 turns into a proapoptotic BH3-like protein during mitochondrial apoptosis. <i>Autophagy</i> , 2016, 12, 963-975.	4.3	35
101	TG2 regulates the heat shock response by the posttranslational modification of HSF1. <i>EMBO Reports</i> , 2018, 19, .	2.0	35
102	AMBRA1 Controls Regulatory T-Cell Differentiation and Homeostasis Upstream of the FOXO3-FOXP3 Axis. <i>Developmental Cell</i> , 2018, 47, 592-607.e6.	3.1	34
103	Autophagy in <i>Mycobacterium tuberculosis</i> infection: A passepartout to flush the intruder out?. <i>Cytokine and Growth Factor Reviews</i> , 2013, 24, 335-343.	3.2	30
104	The Activity of Differentiation Factors Induces Apoptosis in Polyomavirus Large T-Expressing Myoblasts. <i>Molecular Biology of the Cell</i> , 1998, 9, 1449-1463.	0.9	29
105	Autophagy in HCV Infection: Keeping Fat and Inflammation at Bay. <i>BioMed Research International</i> , 2014, 1-10.	0.9	29
106	Inhibition of in vitro myogenic differentiation by a polyomavirus early function. <i>Oncogene</i> , 1992, 7, 85-93.	2.6	29
107	The rate of aneuploidy is altered in spermatids from infertile mice. <i>Human Reproduction</i> , 2002, 17, 710-717.	0.4	28
108	Regulation of Autophagy in Cells Infected With Oncogenic Human Viruses and Its Impact on Cancer Development. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 47.	1.8	28

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109	Pharmacological Modulators of Autophagy as a Potential Strategy for the Treatment of COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4067.	1.8	27
110	Lysyl tRNA synthetase is required for the translocation of calreticulin to the cell surface in immunogenic death. <i>Cell Cycle</i> , 2010, 9, 3144-3149.	1.3	25
111	AMBRA1, a novel $\alpha$ -synuclein-binding protein, is implicated in the pathogenesis of multiple system atrophy. <i>Brain Pathology</i> , 2018, 28, 28-42.	2.1	25
112	HPV sensitizes OPSCC cells to cisplatin-induced apoptosis by inhibiting autophagy through E7-mediated degradation of AMBRA1. <i>Autophagy</i> , 2021, 17, 2842-2855.	4.3	25
113	AMBRA1 regulates mitophagy by interacting with ATAD3A and promoting PINK1 stability. <i>Autophagy</i> , 2022, 18, 1752-1762.	4.3	25
114	Double-stranded Internucleosomal Cleavage of Apoptotic DNA Is Dependent on the Degree of Differentiation in Muscle Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 15575-15579.	1.6	24
115	The transglutaminase type 2 and pyruvate kinase isoenzyme M2 interplay in autophagy regulation. <i>Oncotarget</i> , 2015, 6, 44941-44954.	0.8	24
116	A TRIM32-AMBRA1-ULK1 complex initiates the autophagy response in atrophic muscle cells. <i>Autophagy</i> , 2019, 15, 1674-1676.	4.3	24
117	Proteomic analysis of mitochondrial dysfunction in neurodegenerative diseases. <i>Expert Review of Proteomics</i> , 2010, 7, 519-542.	1.3	23
118	Retinoblastoma antioncogene is involved in the inhibition of myogenesis by polyomavirus large T antigen. <i>Cell Growth &amp; Differentiation: the Molecular Biology Journal of the American Association for Cancer Research</i> , 1994, 5, 231-7.	0.8	23
119	The DNA repair complex Ku70/86 modulates Apaf1 expression upon DNA damage. <i>Cell Death and Differentiation</i> , 2011, 18, 516-527.	5.0	22
120	Conventional Protein Kinase C Inhibition Prevents Alpha Interferon-Mediated Hepatitis C Virus Replicon Clearance by Impairing STAT Activation. <i>Journal of Virology</i> , 2004, 78, 12809-12816.	1.5	21
121	A New Transcriptional Repressor of the <i>Pseudomonas aeruginosa</i> Quorum Sensing Receptor Gene <i>lasR</i> . <i>PLoS ONE</i> , 2013, 8, e69554.	1.1	21
122	Histological and proteomic profile of diabetic versus non-diabetic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2016, 203, 282-289.	0.8	21
123	Proteomic analysis of anti-angiogenic effects by a combined treatment with vinblastine and rapamycin in an endothelial cell line. <i>Proteomics</i> , 2006, 6, 4420-4431.	1.3	20
124	Proteomic analysis identifies prohibitin down-regulation as a crucial event in the mitochondrial damage observed in HIV-infected patients. <i>Antiviral Therapy</i> , 2010, 15, 377-390.	0.6	20
125	Applying proteomic technology to clinical virology. <i>Clinical Microbiology and Infection</i> , 2013, 19, 23-28.	2.8	20
126	Overexpression of parkin rescues the defective mitochondrial phenotype and the increased apoptosis of Cockayne Syndrome A cells. <i>Oncotarget</i> , 2017, 8, 102852-102867.	0.8	20



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127	Fasting boosts sensitivity of human skin melanoma to cisplatin-induced cell death. <i>Biochemical and Biophysical Research Communications</i> , 2017, 485, 16-22.	1.0	19
128	Cloning and Expression of Activator of CREM in Testis in Human Testicular Tissue. <i>Biochemical and Biophysical Research Communications</i> , 2001, 283, 406-411.	1.0	18
129	Liver Protein Profiling in Chronic Hepatitis C: Identification of Potential Predictive Markers for Interferon Therapy Outcome. <i>Journal of Proteome Research</i> , 2012, 11, 717-727.	1.8	17
130	First description of agonist and antagonist IP-10 in urine of patients with active TB. <i>International Journal of Infectious Diseases</i> , 2019, 78, 15-21.	1.5	17
131	Toward the understanding of autophagy regulation and its interplay with cell death pathways. <i>Cell Death and Differentiation</i> , 2009, 16, 933-934.	5.0	16
132	Caspase-2 promotes cytoskeleton protein degradation during apoptotic cell death. <i>Cell Death and Disease</i> , 2013, 4, e940-e940.	2.7	16
133	Reticulon protein-1C is a key component of MAMs. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 733-745.	1.9	16
134	Murine hepatocyte cell lines promote expansion and differentiation of NK cells from stem cell precursors. <i>Hepatology</i> , 2004, 39, 1508-1516.	3.6	15
135	Dismantling the autophagic arsenal when it is time to die. <i>Autophagy</i> , 2012, 8, 1255-1257.	4.3	15
136	Autophagy in development and regeneration: role in tissue remodelling and cell survival. , 2019, 86, 113-131.		15
137	IP-10 contributes to the inhibition of mycobacterial growth in an ex vivo whole blood assay. <i>International Journal of Medical Microbiology</i> , 2019, 309, 299-306.	1.5	14
138	Mechanisms of Activation by CREB and CREM: Phosphorylation, CBP, and a Novel Coactivator, ACT. <i>Cold Spring Harbor Symposia on Quantitative Biology</i> , 1998, 63, 631-642.	2.0	14
139	AMBRA1-regulated autophagy in vertebrate development. <i>International Journal of Developmental Biology</i> , 2015, 59, 109-117.	0.3	13
140	Fateful music from a talented orchestra with a wicked conductor: Connection between oncogenic BRAF, ER stress, and autophagy in human melanoma. <i>Molecular and Cellular Oncology</i> , 2015, 2, e995016.	0.3	13
141	Inhibition of Transglutaminase 2 as a Potential Host-Directed Therapy Against Mycobacterium tuberculosis. <i>Frontiers in Immunology</i> , 2019, 10, 3042.	2.2	13
142	Transglutaminase Type 2 regulates the Wnt/ $\beta$ -catenin pathway in vertebrates. <i>Cell Death and Disease</i> , 2021, 12, 249.	2.7	13
143	Transglutaminase 2 Regulates Innate Immunity by Modulating the STING/TBK1/IRF3 Axis. <i>Journal of Immunology</i> , 2021, 206, 2420-2429.	0.4	13
144	Transgenic models for Hepatitis C virus pathogenesis. <i>Cell Death and Differentiation</i> , 2003, 10, S16-S18.	5.0	11

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145	Proteomic analysis reveals a major role for contact inhibition in the terminal differentiation of hepatocytes. <i>Journal of Hepatology</i> , 2010, 52, 234-243.	1.8	11
146	Immunogenic chemotherapy: discovery of a critical protein through proteomic analyses of tumor cells. <i>Cancer Genomics and Proteomics</i> , 2007, 4, 65-70.	1.0	11
147	Effective Synergy of Sorafenib and Nutrient Shortage in Inducing Melanoma Cell Death through Energy Stress. <i>Cells</i> , 2020, 9, 640.	1.8	9
148	Iron overload down-regulates the expression of the HIV-1 Rev cofactor eIF5A in infected T lymphocytes. <i>Proteome Science</i> , 2017, 15, 18.	0.7	8
149	Optimization of the autophagy measurement in a human cell line and primary cells by flow cytometry. <i>European Journal of Histochemistry</i> , 2019, 63, .	0.6	8
150	Melanoma secretion of transforming growth factor $\alpha$ 2 leads to loss of epidermal AMBRA1 threatening epidermal integrity and facilitating tumour ulceration*. <i>British Journal of Dermatology</i> , 2022, 186, 694-704.	1.4	8
151	Methods to Study the BECN1 Interactome in the Course of Autophagic Responses. <i>Methods in Enzymology</i> , 2017, 587, 429-445.	0.4	7
152	The Impact of Mevastatin on HCV Replication and Autophagy of Non-Transformed HCV Replicon Hepatocytes Is Influenced by the Extracellular Lipid Uptake. <i>Frontiers in Pharmacology</i> , 2019, 10, 718.	1.6	6
153	Per2 Upregulation in Circulating Hematopoietic Progenitor Cells During Chronic HIV Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 362.	1.8	6
154	High Levels of TRIM5 $\pm$ Are Associated with Xenophagy in HIV-1-Infected Long-Term Nonprogressors. <i>Cells</i> , 2021, 10, 1207.	1.8	6
155	Antitubercular and anti-inflammatory properties screening of natural products from <i>Plectranthus</i> species. <i>Future Medicinal Chemistry</i> , 2018, 10, 1677-1691.	1.1	5
156	Temporal regulation of autophagy response by the CULLIN 4-AMBRA1-CULLIN 5 axis. <i>Molecular and Cellular Oncology</i> , 2016, 3, e1008304.	0.3	4
157	Rationale and Criteria for a COVID-19 Model Framework. <i>Viruses</i> , 2021, 13, 1309.	1.5	3
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