

Carmine Settembre

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

20,533
citations

71102

41
h-index

123424

61
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64
all docs

64
docs citations

64
times ranked

31532
citing authors

#	ARTICLE	IF	CITATIONS
1	Current methods to analyze lysosome morphology, positioning, motility and function. <i>Traffic</i> , 2022, 23, 238-269.	2.7	37
2	Regulatory events controlling ER-phagy. <i>Current Opinion in Cell Biology</i> , 2022, 76, 102084.	5.4	4
3	MAPK15 protects from oxidative stressâ€dependent cellular senescence by inducing the mitophagic process. <i>Aging Cell</i> , 2022, 21, .	6.7	16
4	Role of FAM134 paralogues in endoplasmic reticulum remodeling, ERâ€phagy, and Collagen quality control. <i>EMBO Reports</i> , 2021, 22, e52289.	4.5	55
5	Regulation of autophagosome biogenesis by OFD1â€mediated selective autophagy. <i>EMBO Journal</i> , 2021, 40, e105120.	7.8	25
6	Beclinâ€1â€mediated activation of autophagy improves proximal and distal urea cycle disorders. <i>EMBO Molecular Medicine</i> , 2021, 13, e13158.	6.9	16
7	Mechanisms by which autophagy regulates memory capacity in ageing. <i>Aging Cell</i> , 2020, 19, e13189.	6.7	27
8	Mit/ <sc>TFE</sc> factors control <sc>ER</sc> â€phagy via transcriptional regulation of <sc>FAM</sc> 134B. <i>EMBO Journal</i> , 2020, 39, e105696.	7.8	60
9	MLL4-associated condensates counterbalance Polycomb-mediated nuclear mechanical stress in Kabuki syndrome. <i>Nature Genetics</i> , 2020, 52, 1397-1411.	21.4	53
10	TFEB regulates murine liver cell fate during development and regeneration. <i>Nature Communications</i> , 2020, 11, 2461.	12.8	32
11	Beating the ER: novel insights into FAM134B function and regulation. <i>EMBO Journal</i> , 2020, 39, e104546.	7.8	4
12	Emerging lysosomal pathways for quality control at the endoplasmic reticulum. <i>FEBS Letters</i> , 2019, 593, 2319-2329.	2.8	39
13	Transcriptional Regulation of Autophagy: Mechanisms and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 114.	3.7	188
14	A selective <sc>ER</sc> â€phagy exerts procollagen quality control via a Calnexinâ€<sc>FAM</sc> 134B complex. <i>EMBO Journal</i> , 2019, 38, .	7.8	178
15	<sc>TFEB</sc> controls vascular development by regulating the proliferation of endothelial cells. <i>EMBO Journal</i> , 2019, 38, .	7.8	55
16	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. <i>Current Biology</i> , 2019, 29, 435-448.e8.	3.9	150
17	Defective collagen proteostasis and matrix formation in the pathogenesis of lysosomal storage disorders. <i>Matrix Biology</i> , 2018, 71-72, 283-293.	3.6	18
18	Transcriptional activation of RagD GTPase controls mTORC1 and promotes cancer growth. <i>Science</i> , 2017, 356, 1188-1192.	12.6	165

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19	<scp>STUB</scp> 1 regulates <scp>TFEB</scp> -induced autophagy's lysosome pathway. EMBO Journal, 2017, 36, 2544-2552.	7.8	164
20	mTORC1 hyperactivation arrests bone growth in lysosomal storage disorders by suppressing autophagy. Journal of Clinical Investigation, 2017, 127, 3717-3729.	8.2	76
21	Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. ELife, 2016, 5, .	6.0	71
22	Brain Disorders Due to Lysosomal Dysfunction. Annual Review of Neuroscience, 2016, 39, 277-295.	10.7	129
23	Low-dose Gene Therapy Reduces the Frequency of Enzyme Replacement Therapy in a Mouse Model of Lysosomal Storage Disease. Molecular Therapy, 2016, 24, 2054-2063.	8.2	12
24	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
25	Autophagy gets to the bone. Cell Cycle, 2016, 15, 871-872.	2.6	3
26	TFEB and the CLEAR network. Methods in Cell Biology, 2015, 126, 45-62.	1.1	80
27	Direct Conversion of Fibroblasts into Functional Astrocytes by Defined Transcription Factors. Stem Cell Reports, 2015, 4, 25-36.	4.8	194
28	Insulin secretory granules control autophagy in pancreatic β cells. Science, 2015, 347, 878-882.	12.6	127
29	Lysosomal calcium signalling regulates autophagy through calcineurin and TFEB. Nature Cell Biology, 2015, 17, 288-299.	10.3	1,006
30	FGF signalling regulates bone growth through autophagy. Nature, 2015, 528, 272-275.	27.8	170
31	Boning up on autophagy. Autophagy, 2014, 10, 7-19.	9.1	146
32	Lysosomal Adaptation: How the Lysosome Responds to External Cues. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016907-a016907.	5.5	89
33	Autophagy transcribed. Nature, 2014, 516, 40-41.	27.8	24
34	Lysosome: regulator of lipid degradation pathways. Trends in Cell Biology, 2014, 24, 743-750.	7.9	169
35	Induction of Lysosomal Biogenesis in Atherosclerotic Macrophages Can Rescue Lipid-Induced Lysosomal Dysfunction and Downstream Sequelae. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 1942-1952.	2.4	187
36	Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. Developmental Cell, 2014, 29, 686-700.	7.0	203

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37	Signals from the lysosome: a control centre for cellular clearance and energy metabolism. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 283-296.	37.0	1,317
38	TFEB controls cellular lipid metabolism through a starvation-induced autoregulatory loop. <i>Nature Cell Biology</i> , 2013, 15, 647-658.	10.3	796
39	A RANKL-PCÎ²-TFEB signaling cascade is necessary for lysosomal biogenesis in osteoclasts. <i>Genes and Development</i> , 2013, 27, 955-969.	5.9	149
40	New targets for old diseases: lessons from mucopolipidosis type II. <i>EMBO Molecular Medicine</i> , 2013, 5, 1801-1803.	6.9	0
41	T-Cell Protein Tyrosine Phosphatase Regulates Bone Resorption and Whole-Body Insulin Sensitivity through Its Expression in Osteoblasts. <i>Molecular and Cellular Biology</i> , 2012, 32, 1080-1088.	2.3	31
42	Astrocyte dysfunction triggers neurodegeneration in a lysosomal storage disorder. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E2334-42.	7.1	101
43	A lysosome-to-nucleus signalling mechanism senses and regulates the lysosome via mTOR and TFEB. <i>EMBO Journal</i> , 2012, 31, 1095-1108.	7.8	1,507
44	Sulfatases are determinants of alveolar formation. <i>Matrix Biology</i> , 2012, 31, 253-260.	3.6	11
45	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
46	Autophagy in astrocytes. <i>Autophagy</i> , 2012, 8, 1871-1872.	9.1	29
47	TFEB regulates autophagy: An integrated coordination of cellular degradation and recycling processes. <i>Autophagy</i> , 2011, 7, 1379-1381.	9.1	204
48	TFEB Links Autophagy to Lysosomal Biogenesis. <i>Science</i> , 2011, 332, 1429-1433.	12.6	2,513
49	Cystic fibrosis: A disorder with defective autophagy. <i>Autophagy</i> , 2011, 7, 104-106.	9.1	75
50	Defective CFTR induces aggresome formation and lung inflammation in cystic fibrosis through ROS-mediated autophagy inhibition. <i>Nature Cell Biology</i> , 2010, 12, 863-875.	10.3	420
51	Self-eating in skeletal development: Implications for lysosomal storage disorders. <i>Autophagy</i> , 2009, 5, 228-229.	9.1	16
52	Genetic Control of Bone Formation. <i>Annual Review of Cell and Developmental Biology</i> , 2009, 25, 629-648.	9.4	569
53	Lysosomal storage diseases as disorders of autophagy. <i>Autophagy</i> , 2008, 4, 113-114.	9.1	144
54	A block of autophagy in lysosomal storage disorders. <i>Human Molecular Genetics</i> , 2008, 17, 119-129.	2.9	456

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55	Proteoglycan desulfation determines the efficiency of chondrocyte autophagy and the extent of FGF signaling during endochondral ossification. <i>Genes and Development</i> , 2008, 22, 2645-2650.	5.9	86
56	Systemic inflammation and neurodegeneration in a mouse model of multiple sulfatase deficiency. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4506-4511.	7.1	88
57	SUMF1 enhances sulfatase activities in vivo in five sulfatase deficiencies. <i>Biochemical Journal</i> , 2007, 403, 305-312.	3.7	69
58	Multiple sulfatase deficiency is due to hypomorphic mutations of theSUMF1 gene. <i>Human Mutation</i> , 2007, 28, 928-928.	2.5	38
59	Sulfatase modifying factor 1 trafficking through the cells: from endoplasmic reticulum to the endoplasmic reticulum. <i>EMBO Journal</i> , 2007, 26, 2443-2453.	7.8	42
60	Molecular and functional analysis ofSUMF1 mutations in multiple sulfatase deficiency. <i>Human Mutation</i> , 2004, 23, 576-581.	2.5	63