

# 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  
g-index

64  
all docs

64  
docs citations

64  
times ranked

31532  
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.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	TFEB Links Autophagy to Lysosomal Biogenesis. <i>Science</i> , 2011, 332, 1429-1433.	12.6	2,513
4	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
5	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
6	Lysosomal calcium signalling regulates autophagy through calcineurin and TFEB. <i>Nature Cell Biology</i> , 2015, 17, 288-299.	10.3	1,006
7	TFEB controls cellular lipid metabolism through a starvation-induced autoregulatory loop. <i>Nature Cell Biology</i> , 2013, 15, 647-658.	10.3	796
8	Genetic Control of Bone Formation. <i>Annual Review of Cell and Developmental Biology</i> , 2009, 25, 629-648.	9.4	569
9	A block of autophagy in lysosomal storage disorders. <i>Human Molecular Genetics</i> , 2008, 17, 119-129.	2.9	456
10	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
11	TFEB regulates autophagy: An integrated coordination of cellular degradation and recycling processes. <i>Autophagy</i> , 2011, 7, 1379-1381.	9.1	204
12	Wilson Disease Protein ATP7B Utilizes Lysosomal Exocytosis to Maintain Copper Homeostasis. <i>Developmental Cell</i> , 2014, 29, 686-700.	7.0	203
13	Direct Conversion of Fibroblasts into Functional Astrocytes by Defined Transcription Factors. <i>Stem Cell Reports</i> , 2015, 4, 25-36.	4.8	194
14	Transcriptional Regulation of Autophagy: Mechanisms and Diseases. <i>Frontiers in Cell and Developmental Biology</i> , 2019, 7, 114.	3.7	188
15	Induction of Lysosomal Biogenesis in Atherosclerotic Macrophages Can Rescue Lipid-Induced Lysosomal Dysfunction and Downstream Sequelae. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1942-1952.	2.4	187
16	A selective ER chaperone exerts procollagen quality control via a Calnexin-FAM134B complex. <i>EMBO Journal</i> , 2019, 38, .	7.8	178
17	FGF signalling regulates bone growth through autophagy. <i>Nature</i> , 2015, 528, 272-275.	27.8	170
18	Lysosome: regulator of lipid degradation pathways. <i>Trends in Cell Biology</i> , 2014, 24, 743-750.	7.9	169

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19	Transcriptional activation of RagD GTPase controls mTORC1 and promotes cancer growth. <i>Science</i> , 2017, 356, 1188-1192.	12.6	165
20	<scp>STUB</scp> 1 regulates <scp>TFEB</scp> -induced autophagy lysosome pathway. <i>EMBO Journal</i> , 2017, 36, 2544-2552.	7.8	164
21	Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. <i>Current Biology</i> , 2019, 29, 435-448.e8.	3.9	150
22	A RANKL- $\text{PKC}\beta$ -TFEB signaling cascade is necessary for lysosomal biogenesis in osteoclasts. <i>Genes and Development</i> , 2013, 27, 955-969.	5.9	149
23	Boning up on autophagy. <i>Autophagy</i> , 2014, 10, 7-19.	9.1	146
24	Lysosomal storage diseases as disorders of autophagy. <i>Autophagy</i> , 2008, 4, 113-114.	9.1	144
25	Brain Disorders Due to Lysosomal Dysfunction. <i>Annual Review of Neuroscience</i> , 2016, 39, 277-295.	10.7	129
26	Insulin secretory granules control autophagy in pancreatic $\beta$ cells. <i>Science</i> , 2015, 347, 878-882.	12.6	127
27	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
28	Lysosomal Adaptation: How the Lysosome Responds to External Cues. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014, 6, a016907-a016907.	5.5	89
29	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
30	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
31	TFEB and the CLEAR network. <i>Methods in Cell Biology</i> , 2015, 126, 45-62.	1.1	80
32	mTORC1 hyperactivation arrests bone growth in lysosomal storage disorders by suppressing autophagy. <i>Journal of Clinical Investigation</i> , 2017, 127, 3717-3729.	8.2	76
33	Cystic fibrosis: A disorder with defective autophagy. <i>Autophagy</i> , 2011, 7, 104-106.	9.1	75
34	Modelling TFE renal cell carcinoma in mice reveals a critical role of WNT signaling. <i>ELife</i> , 2016, 5, .	6.0	71
35	SUMF1 enhances sulfatase activities in vivo in five sulfatase deficiencies. <i>Biochemical Journal</i> , 2007, 403, 305-312.	3.7	69
36	Molecular and functional analysis of SUMF1 mutations in multiple sulfatase deficiency. <i>Human Mutation</i> , 2004, 23, 576-581.	2.5	63

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37	MIT/TFE factors control ERâ€phagy via transcriptional regulation of FAM134B. EMBO Journal, 2020, 39, e105696.	7.8	60
38	TFEB controls vascular development by regulating the proliferation of endothelial cells. EMBO Journal, 2019, 38, .	7.8	55
39	Role of FAM134 paralogues in endoplasmic reticulum remodeling, ERâ€phagy, and Collagen quality control. EMBO Reports, 2021, 22, e52289.	4.5	55
40	MLL4-associated condensates counterbalance Polycomb-mediated nuclear mechanical stress in Kabuki syndrome. Nature Genetics, 2020, 52, 1397-1411.	21.4	53
41	Sulfatase modifying factor 1 trafficking through the cells: from endoplasmic reticulum to the endoplasmic reticulum. EMBO Journal, 2007, 26, 2443-2453.	7.8	42
42	Emerging lysosomal pathways for quality control at the endoplasmic reticulum. FEBS Letters, 2019, 593, 2319-2329.	2.8	39
43	Multiple sulfatase deficiency is due to hypomorphic mutations of theSUMF1 gene. Human Mutation, 2007, 28, 928-928.	2.5	38
44	Current methods to analyze lysosome morphology, positioning, motility and function. Traffic, 2022, 23, 238-269.	2.7	37
45	TFEB regulates murine liver cell fate during development and regeneration. Nature Communications, 2020, 11, 2461.	12.8	32
46	T-Cell Protein Tyrosine Phosphatase Regulates Bone Resorption and Whole-Body Insulin Sensitivity through Its Expression in Osteoblasts. Molecular and Cellular Biology, 2012, 32, 1080-1088.	2.3	31
47	Autophagy in astrocytes. Autophagy, 2012, 8, 1871-1872.	9.1	29
48	Mechanisms by which autophagy regulates memory capacity in ageing. Aging Cell, 2020, 19, e13189.	6.7	27
49	Regulation of autophagosome biogenesis by OFD1â€mediated selective autophagy. EMBO Journal, 2021, 40, e105120.	7.8	25
50	Autophagy transcribed. Nature, 2014, 516, 40-41.	27.8	24
51	Defective collagen proteostasis and matrix formation in the pathogenesis of lysosomal storage disorders. Matrix Biology, 2018, 71-72, 283-293.	3.6	18
52	Self-eating in skeletal development: Implications for lysosomal storage disorders. Autophagy, 2009, 5, 228-229.	9.1	16
53	Beclinâ€mediated activation of autophagy improves proximal and distal urea cycle disorders. EMBO Molecular Medicine, 2021, 13, e13158.	6.9	16
54	MAPK15 protects from oxidative stressâ€dependent cellular senescence by inducing the mitophagic process. Aging Cell, 2022, 21, .	6.7	16

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55	Low-dose Gene Therapy Reduces the Frequency of Enzyme Replacement Therapy in a Mouse Model of Lysosomal Storage Disease. <i>Molecular Therapy</i> , 2016, 24, 2054-2063.	8.2	12
56	Sulfatases are determinants of alveolar formation. <i>Matrix Biology</i> , 2012, 31, 253-260.	3.6	11
57	Beating the ER: novel insights into FAM134B function and regulation. <i>EMBO Journal</i> , 2020, 39, e104546.	7.8	4
58	Regulatory events controlling ER-phagy. <i>Current Opinion in Cell Biology</i> , 2022, 76, 102084.	5.4	4
59	Autophagy gets to the bone. <i>Cell Cycle</i> , 2016, 15, 871-872.	2.6	3
60	New targets for old diseases: lessons from mucopolipidosis type II. <i>EMBO Molecular Medicine</i> , 2013, 5, 1801-1803.	6.9	0