

# Maurizio Renna

## List of Publications by Year in descending order

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44  
papers

11,356  
citations

172457

29  
h-index

254184

43  
g-index

44  
all docs

44  
docs citations

44  
times ranked

22486  
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	Regulation of Mammalian Autophagy in Physiology and Pathophysiology. <i>Physiological Reviews</i> , 2010, 90, 1383-1435.	28.8	1,557
3	Autophagy and Neurodegeneration: Pathogenic Mechanisms and Therapeutic Opportunities. <i>Neuron</i> , 2017, 93, 1015-1034.	8.1	860
4	Mammalian Autophagy: How Does It Work?. <i>Annual Review of Biochemistry</i> , 2016, 85, 685-713.	11.1	578
5	Diverse Autophagosome Membrane Sources Coalesce in Recycling Endosomes. <i>Cell</i> , 2013, 154, 1285-1299.	28.9	383
6	Autophagosome Precursor Maturation Requires Homotypic Fusion. <i>Cell</i> , 2011, 146, 303-317.	28.9	341
7	Complex Inhibitory Effects of Nitric Oxide on Autophagy. <i>Molecular Cell</i> , 2011, 43, 19-32.	9.7	340
8	Azithromycin blocks autophagy and may predispose cystic fibrosis patients to mycobacterial infection. <i>Journal of Clinical Investigation</i> , 2011, 121, 3554-3563.	8.2	272
9	Autophagy induction reduces mutant ataxin-3 levels and toxicity in a mouse model of spinocerebellar ataxia type 3. <i>Brain</i> , 2010, 133, 93-104.	7.6	236
10	Contact inhibition controls cell survival and proliferation via YAP/TAZ-autophagy axis. <i>Nature Communications</i> , 2018, 9, 2961.	12.8	193
11	Rilmenidine attenuates toxicity of polyglutamine expansions in a mouse model of Huntington's disease. <i>Human Molecular Genetics</i> , 2010, 19, 2144-2153.	2.9	191
12	Chemical Inducers of Autophagy That Enhance the Clearance of Mutant Proteins in Neurodegenerative Diseases. <i>Journal of Biological Chemistry</i> , 2010, 285, 11061-11067.	3.4	181
13	The RAB11A-Positive Compartment Is a Primary Platform for Autophagosome Assembly Mediated by WIPI2 Recognition of PI3P-RAB11A. <i>Developmental Cell</i> , 2018, 45, 114-131.e8.	7.0	147
14	The Endoplasmic Reticulum Unfolded Protein Response in Neurodegenerative Disorders and Its Potential Therapeutic Significance. <i>Frontiers in Molecular Neuroscience</i> , 2017, 10, 187.	2.9	138
15	Functional drug screening reveals anticonvulsants as enhancers of mTOR-independent autophagic killing of <i>Mycobacterium tuberculosis</i> through inositol depletion. <i>EMBO Molecular Medicine</i> , 2015, 7, 127-139.	6.9	137
16	Antioxidants can inhibit basal autophagy and enhance neurodegeneration in models of polyglutamine disease. <i>Human Molecular Genetics</i> , 2010, 19, 3413-3429.	2.9	135
17	Connections between SNAREs and autophagy. <i>Trends in Biochemical Sciences</i> , 2013, 38, 57-63.	7.5	121
18	CCT complex restricts neuropathogenic protein aggregation via autophagy. <i>Nature Communications</i> , 2016, 7, 13821.	12.8	107

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19	Autophagic substrate clearance requires activity of the syntaxin-5 SNARE complex. <i>Journal of Cell Science</i> , 2011, 124, 469-482.	2.0	99
20	IGF-1 receptor antagonism inhibits autophagy. <i>Human Molecular Genetics</i> , 2013, 22, 4528-4544.	2.9	76
21	ATG16L1 meets ATC9 in recycling endosomes. <i>Autophagy</i> , 2014, 10, 182-184.	9.1	64
22	Transcriptional regulation of Annexin A2 promotes starvation-induced autophagy. <i>Nature Communications</i> , 2015, 6, 8045.	12.8	64
23	XIAP and cIAP1 amplifications induce Beclin 1-dependent autophagy through NF $\kappa$ B activation. <i>Human Molecular Genetics</i> , 2015, 24, 2899-2913.	2.9	47
24	High mobility group A1 protein modulates autophagy in cancer cells. <i>Cell Death and Differentiation</i> , 2017, 24, 1948-1962.	11.2	39
25	Measurement of Autophagic Activity in Mammalian Cells. <i>Current Protocols in Cell Biology</i> , 2012, 54, Unit 15.16.	2.3	38
26	PERK-Mediated Unfolded Protein Response Activation and Oxidative Stress in PARK20 Fibroblasts. <i>Frontiers in Neuroscience</i> , 2019, 13, 673.	2.8	38
27	$\hat{\pm}$ -Synuclein levels modulate Huntington's disease in mice. <i>Human Molecular Genetics</i> , 2012, 21, 485-494.	2.9	37
28	Endoplasmic reticulum stress reduces the export from the ER and alters the architecture of post-ER compartments. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 2511-2521.	2.8	35
29	Regulation of ERGIC-53 Gene Transcription in Response to Endoplasmic Reticulum Stress*. <i>Journal of Biological Chemistry</i> , 2007, 282, 22499-22512.	3.4	32
30	Heat Shock Induces Preferential Translation of ERGIC-53 and Affects Its Recycling Pathway. <i>Journal of Biological Chemistry</i> , 2004, 279, 42535-42544.	3.4	29
31	$\hat{\pm}$ -synuclein levels affect autophagosome numbers in vivo and modulate Huntington disease pathology. <i>Autophagy</i> , 2012, 8, 431-432.	9.1	22
32	Nitric oxide-induced endoplasmic reticulum stress activates the expression of cargo receptor proteins and alters the glycoprotein transport to the Golgi complex. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 2040-2048.	2.8	18
33	$\hat{\pm}$ -Catenin levels determine direction of YAP/TAZ response to autophagy perturbation. <i>Nature Communications</i> , 2021, 12, 1703.	12.8	17
34	Insights into Thymus Development and Viral Thymic Infections. <i>Viruses</i> , 2019, 11, 836.	3.3	15
35	Metabolites Profiling of Melanoma Interstitial Fluids Reveals Uridine Diphosphate as Potent Immune Modulator Capable of Limiting Tumor Growth. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 730726.	3.7	13
36	Revisiting Bacterial Ubiquitin Ligase Effectors: Weapons for Host Exploitation. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3576.	4.1	12

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37	Early onset effects of single substrate accumulation recapitulate major features of LSD in patient-derived lysosomes. <i>IScience</i> , 2021, 24, 102707.	4.1	11
38	Reducing Igf-1r Levels Leads To Paradoxical and Sexually Dimorphic Effects in HD Mice. <i>PLoS ONE</i> , 2014, 9, e105595.	2.5	8
39	IBtk <sup>±</sup> Activates the $\beta$ -Catenin-Dependent Transcription of MYC through Ubiquitylation and Proteasomal Degradation of GSK3 <sup>β</sup> in Cancerous B Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2044.	4.1	7
40	Commentary: Overcoming mTOR resistance mutations with a new-generation mTOR inhibitor. <i>Frontiers in Pharmacology</i> , 2016, 7, 431.	3.5	5
41	Protocol for labeling and fixation of intact lysosomes with esterified amino acid analogs to assess lysosomal expansion in living eukaryotic cells. <i>STAR Protocols</i> , 2021, 2, 100916.	1.2	5
42	Macroautophagy without LC3 conjugation?. <i>Cell Research</i> , 2017, 27, 5-6.	12.0	3
43	Activation of Non-Canonical Autophagic Pathway through Inhibition of Non-Integrin Laminin Receptor in Neuronal Cells. <i>Cells</i> , 2022, 11, 466.	4.1	3
44	Neurodegenerative Diseases and Autophagy. , 2018, , 299-343.		1