

# Satoshi Waguri

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

10,363  
citations

361413

20  
h-index

276875

41  
g-index

48  
all docs

48  
docs citations

48  
times ranked

15104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impairment of starvation-induced and constitutive autophagy in <i>Atg7</i> -deficient mice. <i>Journal of Cell Biology</i> , 2005, 169, 425-434.	5.2	2,180
2	The selective autophagy substrate p62 activates the stress responsive transcription factor Nrf2 through inactivation of Keap1. <i>Nature Cell Biology</i> , 2010, 12, 213-223.	10.3	1,933
3	Homeostatic Levels of p62 Control Cytoplasmic Inclusion Body Formation in Autophagy-Deficient Mice. <i>Cell</i> , 2007, 131, 1149-1163.	28.9	1,925
4	Autophagy-deficient mice develop multiple liver tumors. <i>Genes and Development</i> , 2011, 25, 795-800.	5.9	1,094
5	Phosphorylation of p62 Activates the Keap1-Nrf2 Pathway during Selective Autophagy. <i>Molecular Cell</i> , 2013, 51, 618-631.	9.7	880
6	Persistent activation of Nrf2 through p62 in hepatocellular carcinoma cells. <i>Journal of Cell Biology</i> , 2011, 193, 275-284.	5.2	520
7	Activation of STING requires palmitoylation at the Golgi. <i>Nature Communications</i> , 2016, 7, 11932.	12.8	436
8	p62/Sqstm1 promotes malignancy of HCV-positive hepatocellular carcinoma through Nrf2-dependent metabolic reprogramming. <i>Nature Communications</i> , 2016, 7, 12030.	12.8	253
9	Visualization of TGN to Endosome Trafficking through Fluorescently Labeled MPR and AP-1 in Living Cells. <i>Molecular Biology of the Cell</i> , 2003, 14, 142-155.	2.1	171
10	p62/SQSTM1-droplet serves as a platform for autophagosome formation and anti-oxidative stress response. <i>Nature Communications</i> , 2021, 12, 16.	12.8	137
11	A Cluster of Thin Tubular Structures Mediates Transformation of the Endoplasmic Reticulum to Autophagic Isolation Membrane. <i>Molecular and Cellular Biology</i> , 2014, 34, 1695-1706.	2.3	116
12	Keap1-mediated p62 liquid droplets enhance the Keap1-Nrf2 system. <i>EMBO Reports</i> , 2020, 21, e48902.	4.5	107
13	HMGB1 promotes ductular reaction and tumorigenesis in autophagy-deficient livers. <i>Journal of Clinical Investigation</i> , 2018, 128, 2419-2435.	8.2	85
14	Homeostatic regulation of STING by retrograde membrane traffic to the ER. <i>Nature Communications</i> , 2021, 12, 61.	12.8	80
15	Neuronal differentiation of PC12 cells as a result of prevention of cell death by bcl-2. <i>Journal of Neurobiology</i> , 1994, 25, 1227-1234.	3.6	63
16	FAM83B is a novel biomarker for diagnosis and prognosis of lung squamous cell carcinoma. <i>International Journal of Oncology</i> , 2015, 46, 999-1006.	3.3	47
17	Chapter 9 Biochemical and Morphological Detection of Inclusion Bodies in Autophagy-Deficient Mice. <i>Methods in Enzymology</i> , 2009, 453, 181-196.	1.0	39
18	Mon1-Ccz1 activates Rab7 only on late endosome and dissociates from lysosome in mammalian cells. <i>Journal of Cell Science</i> , 2015, 129, 329-40.	2.0	39

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19	Three Homologous ArfGAPs Participate in Coat Protein I-mediated Transport. <i>Journal of Biological Chemistry</i> , 2009, 284, 13948-13957.	3.4	34
20	Autocrine and Paracrine Interactions between Multiple Myeloma Cells and Bone Marrow Stromal Cells by Growth Arrest-specific Gene 6 Cross-talk with Interleukin-6. <i>Journal of Biological Chemistry</i> , 2017, 292, 4280-4292.	3.4	27
21	GGA2 interacts with EGFR cytoplasmic domain to stabilize the receptor expression and promote cell growth. <i>Scientific Reports</i> , 2018, 8, 1368.	3.3	23
22	ArfGAP3 Regulates the Transport of Cation-Independent Mannose 6-Phosphate Receptor in the Post-Golgi Compartment. <i>Current Biology</i> , 2013, 23, 1945-1951.	3.9	21
23	Improved Electron Microscopy Fixation Methods for Tracking Autophagy-Associated Membranes in Cultured Mammalian Cells. <i>Methods in Molecular Biology</i> , 2019, 1880, 211-221.	0.9	16
24	Spatiotemporal alterations of autophagy marker LC3 in rat skin fibroblasts during wound healing process. <i>Fukushima Journal of Medical Sciences</i> , 2018, 64, 15-22.	0.4	15
25	The luminal domain participates in the endosomal trafficking of the cation-independent mannose 6-phosphate receptor. <i>Experimental Cell Research</i> , 2006, 312, 4090-4107.	2.6	14
26	Early-phase redistribution of the cation-independent mannose 6-phosphate receptor by U18666A treatment in HeLa cells. <i>Cell and Tissue Research</i> , 2004, 317, 253-64.	2.9	13
27	Metastasis of breast cancer cells to the bone, lung, and lymph nodes promotes resistance to ionizing radiation. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 848-855.	2.0	13
28	Emerging roles of Golgi/endosome-localizing monomeric clathrin adaptors GGAs. <i>Anatomical Science International</i> , 2020, 95, 12-21.	1.0	13
29	Hyperosmotic Stress Induces Unconventional Autophagy Independent of the Ulk1 Complex. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	10
30	Sqstm1-GFP knock-in mice reveal dynamic actions of Sqstm1 during autophagy and under stress conditions in living cells. <i>Journal of Cell Science</i> , 2015, 128, 4453-61.	2.0	9
31	Clathrin adapters AP-1 and GGA2 support expression of epidermal growth factor receptor for cell growth. <i>Oncogenesis</i> , 2021, 10, 80.	4.9	9
32	A novel gene expression scoring system for accurate diagnosis of basaloid squamous cell carcinoma of the esophagus. <i>International Journal of Oncology</i> , 2017, 51, 877-886.	3.3	8
33	Clathrin adaptor GGA1 modulates myogenesis of C2C12 myoblasts. <i>PLoS ONE</i> , 2018, 13, e0207533.	2.5	7
34	&lt;b>Intracellular localization of GGA accessory protein p56 in cell lines and central nervous system neurons &lt;b>. <i>Biomedical Research</i> , 2018, 39, 179-187.	0.9	6
35	Arf GTPase-activating proteins SMAP1 and AGFG2 regulate the size of Weibel-Palade bodies and exocytosis of von Willebrand factor. <i>Biology Open</i> , 2021, 10, .	1.2	4
36	Visualization of TGN-Endosome Trafficking in Mammalian and Drosophila Cells. <i>Methods in Enzymology</i> , 2012, 504, 255-271.	1.0	3

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37	Establishment and Characterization of a Novel Human Clear-cell Sarcoma of Soft-tissue Cell Line, RSAR001, Derived from Pleural Effusion of a Patient with Pleural Dissemination. <i>Anticancer Research</i> , 2018, 38, 5035-5042.	1.1	3
38	Autophagy is involved in the sclerotic phase of systemic sclerosis. <i>Fukushima Journal of Medical Sciences</i> , 2020, 66, 17-24.	0.4	3
39	Loss of <i>Atg2b</i> and <i>Gskip</i> Impairs the Maintenance of the Hematopoietic Stem Cell Pool Size. <i>Molecular and Cellular Biology</i> , 2022, 42, MCB0002421.	2.3	3
40	2P012 Solution structural analysis of Drosophila GGA(The 48th Annual Meeting of the Biophysical) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	0.1	0
41	Somatic 15q Break After Long-Term Stable Disease in Acute Myeloid Leukemia. <i>Clinical Lymphoma, Myeloma and Leukemia</i> , 2014, 14, e69-e72.	0.4	0
42	Autocrine and Paracrine Regulatory Mechanisms of Growth Arrest-Specific Gene 6 Contribute to Disease Progression of Multiple Myeloma. <i>Blood</i> , 2015, 126, 4179-4179.	1.4	0
43	Autocrine and Paracrine Interactions Between Multiple Myeloma Cells and Bone Marrow Stromal Cells By Growth Arrest-Specific Gene 6 Crosstalk with Interleukin-6. <i>Blood</i> , 2016, 128, 5606-5606.	1.4	0
44	LC3-positive puncta increase in skeletal muscle of patient-derived xenograft mice. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2018, 67, 99-105.	0.0	0