

# Peter Kijun Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

10,806  
citations

257450

24  
h-index

302126

39  
g-index

44  
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44  
docs citations

44  
times ranked

22400  
citing authors

#	ARTICLE	IF	CITATIONS
1	C5orf51 is a component of the MON1-CCZ1 complex and controls RAB7A localization and stability during mitophagy. <i>Autophagy</i> , 2022, 18, 829-840.	9.1	21
2	Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , 2022, 18, 1174-1186.	9.1	9
3	Fyn and TOM1L1 are recruited to clathrin-coated pits and regulate Akt signaling. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	17
4	Loss of Acot12 contributes to NAFLD independent of lipolysis of adipose tissue. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1159-1169.	7.7	6
5	ORP1L mediated PI(4)P signaling at ER-lysosome-mitochondrion three-way contact contributes to mitochondrial division. <i>Nature Communications</i> , 2021, 12, 5354.	12.8	42
6	Maintaining social contacts: The physiological relevance of organelle interactions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118800.	4.1	52
7	Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. <i>Autophagy</i> , 2020, 16, 1989-2003.	9.1	34
8	Exploiting the diphtheria toxin internalization receptor enhances delivery of proteins to lysosomes for enzyme replacement therapy. <i>Science Advances</i> , 2020, 6, .	10.3	6
9	Pexophagy: A Model for Selective Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 578.	4.1	70
10	Hyperspectral super-resolution imaging with far-red emitting fluorophores using a thin-film tunable filter. <i>Review of Scientific Instruments</i> , 2020, 91, 123703.	1.3	1
11	Peroxisome Biogenesis Disorders. , 2020, , 221-233.		0
12	Deubiquitinating enzyme USP30 maintains basal peroxisome abundance by regulating pexophagy. <i>Journal of Cell Biology</i> , 2019, 218, 798-807.	5.2	50
13	USP30: protector of peroxisomes and mitochondria. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1600350.	0.7	3
14	Single-molecule localization microscopy of septin bundles in mammalian cells. <i>Cytoskeleton</i> , 2019, 76, 63-72.	2.0	5
15	Lysosome Targeting RedGreen-assay: Selective Autophagy Sensing Assay for Mammalian Cells. <i>Bio-protocol</i> , 2019, 9, e3455.	0.4	3
16	Fyn is recruited to specialized clathrin coated pits and regulates EGF receptor signaling. <i>FASEB Journal</i> , 2019, 33, 788.1.	0.5	0
17	Cardiolipin synthesizing enzymes form a complex that interacts with cardiolipin-dependent membrane organizing proteins. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 447-457.	2.4	25
18	An ATG16L1-dependent pathway promotes plasma membrane repair and limits <i>Listeria monocytogenes</i> cell-to-cell spread. <i>Nature Microbiology</i> , 2018, 3, 1472-1485.	13.3	57

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19	mTOR complex 1 controls the nuclear localization and function of glycogen synthase kinase 3 $\beta$ . Journal of Biological Chemistry, 2018, 293, 14723-14739.	3.4	51
20	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. Molecular and Cellular Proteomics, 2018, 17, 2242-2255.	3.8	112
21	VAPs and ACBD5 tether peroxisomes to the ER for peroxisome maintenance and lipid homeostasis. Journal of Cell Biology, 2017, 216, 367-377.	5.2	214
22	The peroxisomal AAA ATPase complex prevents pexophagy and development of peroxisome biogenesis disorders. Autophagy, 2017, 13, 868-884.	9.1	81
23	Rab7 palmitoylation is required for efficient endosome-to-TGN trafficking. Journal of Cell Science, 2017, 130, 2579-2590.	2.0	34
24	Peroxisome Biogenesis: A Union between Two Organelles. Current Biology, 2017, 27, R271-R274.	3.9	24
25	Malnutrition-associated liver steatosis and ATP depletion is caused by peroxisomal and mitochondrial dysfunction. Journal of Hepatology, 2016, 65, 1198-1208.	3.7	133
26	PEX2 is the E3 ubiquitin ligase required for pexophagy during starvation. Journal of Cell Biology, 2016, 214, 677-690.	5.2	137
27	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
28	Multiple paths to peroxisomes: Mechanism of peroxisome maintenance in mammals. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 881-891.	4.1	35
29	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. Autophagy, 2015, 11, 595-606.	9.1	180
30	Multiple Domains in PEX16 Mediate Its Trafficking and Recruitment of Peroxisomal Proteins to the ER. Traffic, 2015, 16, 832-852.	2.7	35
31	PEX5 and Ubiquitin Dynamics on Mammalian Peroxisome Membranes. PLoS Computational Biology, 2014, 10, e1003426.	3.2	16
32	PEX16 contributes to peroxisome maintenance by constantly trafficking PEX3 via the ER. Journal of Cell Science, 2014, 127, 3675-86.	2.0	53
33	NBR1 acts as an autophagy receptor for peroxisomes. Journal of Cell Science, 2013, 126, 939-52.	2.0	274
34	PEX16: a multifaceted regulator of peroxisome biogenesis. Frontiers in Physiology, 2013, 4, 241.	2.8	27
35	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. Autophagy, 2012, 8, 1462-1476.	9.1	358
36	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122

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37	Ubiquitin signals autophagic degradation of cytosolic proteins and peroxisomes. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20567-20574.	7.1	481
38	The origin and maintenance of mammalian peroxisomes involves a de novo PEX16-dependent pathway from the ER. Journal of Cell Biology, 2006, 173, 521-532.	5.2	293
39	Requirement for Microtubules and Dynein Motors in the Earliest Stages of Peroxisome Biogenesis. Traffic, 2005, 6, 386-395.	2.7	25
40	Manipulation of peptide conformations by fine-tuning of the environment and/or the primary sequence. Biopolymers, 1995, 35, 667-675.	2.4	16