

# Peter K Kim

## List of Publications by Citations

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54  
papers

10,291  
citations

28  
h-index

59  
g-index

59  
ext. papers

11,568  
ext. citations

7.5  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
54	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
53	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544	10.2	2783
52	Mitochondria supply membranes for autophagosome biogenesis during starvation. <i>Cell</i> , <b>2010</b> , 141, 656-676	17.2	1036
51	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 1462-76	10.2	286
50	The origin and maintenance of mammalian peroxisomes involves a de novo PEX16-dependent pathway from the ER. <i>Journal of Cell Biology</i> , <b>2006</b> , 173, 521-32	7.3	258
49	NBR1 acts as an autophagy receptor for peroxisomes. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 939-52	5.3	233
48	Membrane-bound fatty acid desaturases are inserted co-translationally into the ER and contain different ER retrieval motifs at their carboxy termini. <i>Plant Journal</i> , <b>2004</b> , 37, 156-73	6.9	158
47	The ubiquitin-binding adaptor proteins p62/SQSTM1 and NDP52 are recruited independently to bacteria-associated microdomains to target Salmonella to the autophagy pathway. <i>Autophagy</i> , <b>2011</b> , 7, 341-5	10.2	155
46	VAPs and ACBD5 tether peroxisomes to the ER for peroxisome maintenance and lipid homeostasis. <i>Journal of Cell Biology</i> , <b>2017</b> , 216, 367-377	7.3	142
45	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. <i>Autophagy</i> , <b>2015</b> , 11, 595-606	10.2	136
44	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , <b>2016</b> , 11, 33	9.2	95
43	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. <i>Autophagy</i> , <b>2011</b> , 7, 17-26	10.2	93
42	During apoptosis bcl-2 changes membrane topology at both the endoplasmic reticulum and mitochondria. <i>Molecular Cell</i> , <b>2004</b> , 14, 523-9	17.6	90
41	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 2242-2255	7.6	78
40	Malnutrition-associated liver steatosis and ATP depletion is caused by peroxisomal and mitochondrial dysfunction. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 1198-1208	13.4	78
39	Evidence for multiple mechanisms for membrane binding and integration via carboxyl-terminal insertion sequences. <i>Biochemistry</i> , <b>1997</b> , 36, 8873-82	3.2	69
38	mTORC2 Responds to Glutamine Catabolite Levels to Modulate the Hexosamine Biosynthesis Enzyme GFAT1. <i>Molecular Cell</i> , <b>2016</b> , 63, 811-26	17.6	65

37	WSES guidelines for management of Clostridium difficile infection in surgical patients. <i>World Journal of Emergency Surgery</i> , <b>2015</b> , 10, 38	9.2	60
36	The peroxisomal AAA ATPase complex prevents pexophagy and development of peroxisome biogenesis disorders. <i>Autophagy</i> , <b>2017</b> , 13, 868-884	10.2	59
35	2019 update of the WSES guidelines for management of ( ) infection in surgical patients. <i>World Journal of Emergency Surgery</i> , <b>2019</b> , 14, 8	9.2	59
34	Identification of the endoplasmic reticulum targeting signal in vesicle-associated membrane proteins. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 36876-82	5.4	46
33	PEX16 contributes to peroxisome maintenance by constantly trafficking PEX3 via the ER. <i>Journal of Cell Science</i> , <b>2014</b> , 127, 3675-86	5.3	45
32	Bacterial toxins can inhibit host cell autophagy through cAMP generation. <i>Autophagy</i> , <b>2011</b> , 7, 957-65	10.2	45
31	Hydrophobic-domain-dependent protein-protein interactions mediate the localization of GPAT enzymes to ER subdomains. <i>Traffic</i> , <b>2011</b> , 12, 452-72	5.7	43
30	Pexophagy: A Model for Selective Autophagy. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	33
29	Intracolonic vancomycin for severe Clostridium difficile colitis. <i>Surgical Infections</i> , <b>2013</b> , 14, 532-9	2	30
28	Multiple Domains in PEX16 Mediate Its Trafficking and Recruitment of Peroxisomal Proteins to the ER. <i>Traffic</i> , <b>2015</b> , 16, 832-52	5.7	29
27	Multiple paths to peroxisomes: Mechanism of peroxisome maintenance in mammals. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2016</b> , 1863, 881-91	4.9	29
26	Protein kinase C exhibits constitutive phosphorylation and phosphatidylinositol-3,4,5-triphosphate-independent regulation. <i>Biochemical Journal</i> , <b>2016</b> , 473, 509-23 <sup>3.8</sup>		27
25	mTOR complex 1 controls the nuclear localization and function of glycogen synthase kinase 3β. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 14723-14739	5.4	23
24	PEX16: a multifaceted regulator of peroxisome biogenesis. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 241	4.6	23
23	Requirement for microtubules and dynein motors in the earliest stages of peroxisome biogenesis. <i>Traffic</i> , <b>2005</b> , 6, 386-95	5.7	23
22	Maintaining social contacts: The physiological relevance of organelle interactions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2020</b> , 1867, 118800	4.9	23
21	Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. <i>Autophagy</i> , <b>2020</b> , 16, 1989-2003.2	10.3	21
20	mTORC2 modulates the amplitude and duration of GFAT1 Ser-243 phosphorylation to maintain flux through the hexosamine pathway during starvation. <i>Journal of Biological Chemistry</i> , <b>2018</b> , 293, 16464-16478 <sup>5.4</sup>	5.4	17

19	PEX5 and ubiquitin dynamics on mammalian peroxisome membranes. <i>PLoS Computational Biology</i> , <b>2014</b> , 10, e1003426	5	15
18	Cell-free analysis of tail-anchor protein targeting to membranes. <i>Methods</i> , <b>2007</b> , 41, 427-38	4.6	13
17	ORP1L mediated PI(4)P signaling at ER-lysosome-mitochondrion three-way contact contributes to mitochondrial division. <i>Nature Communications</i> , <b>2021</b> , 12, 5354	17.4	6
16	WSES/GAIS/SIS-E/WSIS/AAST global clinical pathways for patients with intra-abdominal infections. <i>World Journal of Emergency Surgery</i> , <b>2021</b> , 16, 49	9.2	5
15	Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , <b>2021</b> , 1-13	10.2	4
14	Evolving Treatment Strategies for Severe Clostridium difficile Colitis: Defining the Therapeutic Window. <i>Hot Topics in Acute Care Surgery and Trauma</i> , <b>2018</b> , 225-239	0.1	3
13	as a source bacteria for necrotising fasciitis of the torso. <i>BMJ Case Reports</i> , <b>2020</b> , 13,	0.9	3
12	C5orf51 is a component of the MON1-CCZ1 complex and controls RAB7A localization and stability during mitophagy. <i>Autophagy</i> , <b>2021</b> , 1-12	10.2	3
11	Probing peroxisome dynamics and biogenesis by fluorescence imaging. <i>Current Protocols in Cell Biology</i> , <b>2014</b> , 62, Unit 21.9.1-20	2.3	2
10	WSES/GAIS/WSIS/SIS-E/AAST global clinical pathways for patients with skin and soft tissue infections.. <i>World Journal of Emergency Surgery</i> , <b>2022</b> , 17, 3	9.2	2
9	Appendiceal adenocarcinoma found by surgery for acute appendicitis is associated with older age. <i>BMC Surgery</i> , <b>2021</b> , 21, 228	2.3	2
8	Phytobezoars, Small Bowel Obstruction, and Intestinal Infarction: The Case of the Grape Ileus. <i>Surgical Infections Case Reports</i> , <b>2016</b> , 1, 8-10		2
7	Midgut malrotation complicated by small bowel obstruction in an 80-year-old woman: A case report. <i>International Journal of Surgery Case Reports</i> , <b>2019</b> , 63, 89-93	0.8	1
6	Traumatic Brown-Séquard syndrome: modern reminder of a neurological injury. <i>BMJ Case Reports</i> , <b>2020</b> , 13,	0.9	1
5	Ubiquitin and p62 in Selective Autophagy in Mammalian Cells <b>2014</b> , 89-103		0
4	Peroxisome Assembly, Degradation, and Disease <b>2020</b> , 137-150		
3	Peroxisome Biogenesis Disorders <b>2020</b> , 221-233		
2	Association of thoracic cage fractures and pericardial effusion in blunt trauma. <i>American Journal of Emergency Medicine</i> , <b>2021</b> , 50, 729-732	2.9	

1 Young Female With Seizure. *Annals of Emergency Medicine*, **2021**, 78, 500-548

2.1