

Peter K Kim

List of Publications by Year in descending order

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55
papers

12,597
citations

126907

33
h-index

189892

50
g-index

59
all docs

59
docs citations

59
times ranked

24557
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	Mitochondria Supply Membranes for Autophagosome Biogenesis during Starvation. <i>Cell</i> , 2010, 141, 656-667.	28.9	1,200
4	ROS-induced mitochondrial depolarization initiates PARK2/PARKIN-dependent mitochondrial degradation by autophagy. <i>Autophagy</i> , 2012, 8, 1462-1476.	9.1	358
5	The origin and maintenance of mammalian peroxisomes involves a de novo PEX16-dependent pathway from the ER. <i>Journal of Cell Biology</i> , 2006, 173, 521-532.	5.2	293
6	NBR1 acts as an autophagy receptor for peroxisomes. <i>Journal of Cell Science</i> , 2013, 126, 939-52.	2.0	274
7	VAPs and ACBD5 tether peroxisomes to the ER for peroxisome maintenance and lipid homeostasis. <i>Journal of Cell Biology</i> , 2017, 216, 367-377.	5.2	214
8	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> , 2011, 7, 341-345.	9.1	185
9	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> , 2004, 37, 156-173.	5.7	182
10	Deubiquitinating enzymes regulate PARK2-mediated mitophagy. <i>Autophagy</i> , 2015, 11, 595-606.	9.1	180
11	Malnutrition-associated liver steatosis and ATP depletion is caused by peroxisomal and mitochondrial dysfunction. <i>Journal of Hepatology</i> , 2016, 65, 1198-1208.	3.7	133
12	Antimicrobials: a global alliance for optimizing their rational use in intra-abdominal infections (AGORA). <i>World Journal of Emergency Surgery</i> , 2016, 11, 33.	5.0	130
13	Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2242-2255.	3.8	112
14	Antibacterial autophagy occurs at PI(3)P-enriched domains of the endoplasmic reticulum and requires Rab1 GTPase. <i>Autophagy</i> , 2011, 7, 17-26.	9.1	102
15	2019 update of the WSES guidelines for management of Clostridioides (Clostridium) difficile infection in surgical patients. <i>World Journal of Emergency Surgery</i> , 2019, 14, 8.	5.0	102
16	During Apoptosis Bcl-2 Changes Membrane Topology at Both the Endoplasmic Reticulum and Mitochondria. <i>Molecular Cell</i> , 2004, 14, 523-529.	9.7	98
17	mTORC2 Responds to Glutamine Catabolite Levels to Modulate the Hexosamine Biosynthesis Enzyme GFAT1. <i>Molecular Cell</i> , 2016, 63, 811-826.	9.7	97
18	The peroxisomal AAA ATPase complex prevents pexophagy and development of peroxisome biogenesis disorders. <i>Autophagy</i> , 2017, 13, 868-884.	9.1	81

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19	WSES guidelines for management of Clostridium difficile infection in surgical patients. World Journal of Emergency Surgery, 2015, 10, 38.	5.0	78
20	Pexophagy: A Model for Selective Autophagy. International Journal of Molecular Sciences, 2020, 21, 578.	4.1	70
21	Evidence for Multiple Mechanisms for Membrane Binding and Integration via Carboxyl-Terminal Insertion Sequences. Biochemistry, 1997, 36, 8873-8882.	2.5	69
22	WSES/GAIS/SIS-E/WSIS/AAST global clinical pathways for patients with intra-abdominal infections. World Journal of Emergency Surgery, 2021, 16, 49.	5.0	56
23	Bacterial toxins can inhibit host cell autophagy through cAMP generation. Autophagy, 2011, 7, 957-965.	9.1	54
24	PEX16 contributes to peroxisome maintenance by constantly trafficking PEX3 via the ER. Journal of Cell Science, 2014, 127, 3675-86.	2.0	53
25	Maintaining social contacts: The physiological relevance of organelle interactions. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118800.	4.1	52
26	mTOR complex 1 controls the nuclear localization and function of glycogen synthase kinase 3 β . Journal of Biological Chemistry, 2018, 293, 14723-14739.	3.4	51
27	Identification of the Endoplasmic Reticulum Targeting Signal in Vesicle-associated Membrane Proteins. Journal of Biological Chemistry, 1999, 274, 36876-36882.	3.4	47
28	Hydrophobic-Domain-Dependent Protein-Protein Interactions Mediate the Localization of GPAT Enzymes to ER Subdomains. Traffic, 2011, 12, 452-472.	2.7	47
29	Protein kinase C η exhibits constitutive phosphorylation and phosphatidylinositol-3,4,5-triphosphate-independent regulation. Biochemical Journal, 2016, 473, 509-523.	3.7	42
30	ORP1L mediated PI(4)P signaling at ER-lysosome-mitochondrion three-way contact contributes to mitochondrial division. Nature Communications, 2021, 12, 5354.	12.8	42
31	Intracolonic Vancomycin for Severe Clostridium difficile Colitis. Surgical Infections, 2013, 14, 532-539.	1.4	37
32	Multiple Domains in PEX16 Mediate Its Trafficking and Recruitment of Peroxisomal Proteins to the ER. Traffic, 2015, 16, 832-852.	2.7	35
33	Multiple paths to peroxisomes: Mechanism of peroxisome maintenance in mammals. Biochimica Et Biophysica Acta - Molecular Cell Research, 2016, 1863, 881-891.	4.1	35
34	Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. Autophagy, 2020, 16, 1989-2003.	9.1	34
35	WSES/GAIS/WSIS/SIS-E/AAST global clinical pathways for patients with skin and soft tissue infections. World Journal of Emergency Surgery, 2022, 17, 3.	5.0	32
36	mTORC2 modulates the amplitude and duration of GFAT1 Ser-243 phosphorylation to maintain flux through the hexosamine pathway during starvation. Journal of Biological Chemistry, 2018, 293, 16464-16478.	3.4	30

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37	PEX16: a multifaceted regulator of peroxisome biogenesis. <i>Frontiers in Physiology</i> , 2013, 4, 241.	2.8	27
38	Requirement for Microtubules and Dynein Motors in the Earliest Stages of Peroxisome Biogenesis. <i>Traffic</i> , 2005, 6, 386-395.	2.7	25
39	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
40	Appendiceal adenocarcinoma found by surgery for acute appendicitis is associated with older age. <i>BMC Surgery</i> , 2021, 21, 228.	1.3	17
41	Fyn and TOM1L1 are recruited to clathrin-coated pits and regulate Akt signaling. <i>Journal of Cell Biology</i> , 2022, 221, .	5.2	17
42	PEX5 and Ubiquitin Dynamics on Mammalian Peroxisome Membranes. <i>PLoS Computational Biology</i> , 2014, 10, e1003426.	3.2	16
43	Cell-free analysis of tail-anchor protein targeting to membranes. <i>Methods</i> , 2007, 41, 427-438.	3.8	14
44	Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , 2022, 18, 1174-1186.	9.1	9
45	<i>Gemella morbillorum</i> as a source bacteria for necrotising fasciitis of the torso. <i>BMJ Case Reports</i> , 2020, 13, e231727.	0.5	5
46	Midgut malrotation complicated by small bowel obstruction in an 80-year-old woman: A case report. <i>International Journal of Surgery Case Reports</i> , 2019, 63, 89-93.	0.6	4
47	Evolving Treatment Strategies for Severe <i>Clostridium difficile</i> Colitis: Defining the Therapeutic Window. <i>Hot Topics in Acute Care Surgery and Trauma</i> , 2018, , 225-239.	0.1	3
48	Surgical Infection Society Guidelines for Total Abdominal Colectomy versus Diverting Loop Ileostomy with Antegrade Intra-Colonic Lavage for the Surgical Management of Severe or Fulminant, Non-Perforated <i>Clostridioides difficile</i> Colitis. <i>Surgical Infections</i> , 2022, 23, 97-104.	1.4	3
49	Ubiquitin and p62 in Selective Autophagy in Mammalian Cells. , 2014, , 89-103.		2
50	Probing Peroxisome Dynamics and Biogenesis by Fluorescence Imaging. <i>Current Protocols in Cell Biology</i> , 2014, 62, Unit 21.9.1-20.	2.3	2
51	Phytobezoars, Small Bowel Obstruction, and Intestinal Infarction: The Case of the Grape Ileus. <i>Surgical Infections Case Reports</i> , 2016, 1, 8-10.	0.1	2
52	Traumatic Brown-Séquard syndrome: modern reminder of a neurological injury. <i>BMJ Case Reports</i> , 2020, 13, e236131.	0.5	1
53	Young Female With Seizure. <i>Annals of Emergency Medicine</i> , 2021, 78, 500-548.	0.6	0
54	Association of thoracic cage fractures and pericardial effusion in blunt trauma. <i>American Journal of Emergency Medicine</i> , 2021, 50, 729-732.	1.6	0

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55	Peroxisome Biogenesis Disorders. , 2020, , 221-233.		0