

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
all docs

44
docs citations

44
times ranked

22400
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 | Ubiquitin signals autophagic degradation of cytosolic proteins and peroxisomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 20567-20574. | 7.1 | 481 |
| 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 | Deubiquitinating enzymes regulate PARK2-mediated mitophagy. <i>Autophagy</i> , 2015, 11, 595-606. | 9.1 | 180 |
| 9 | PEX2 is the E3 ubiquitin ligase required for pexophagy during starvation. <i>Journal of Cell Biology</i> , 2016, 214, 677-690. | 5.2 | 137 |
| 10 | 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 |
| 11 | Global Interactomics Uncovers Extensive Organellar Targeting by Zika Virus. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 2242-2255. | 3.8 | 112 |
| 12 | The peroxisomal AAA ATPase complex prevents pexophagy and development of peroxisome biogenesis disorders. <i>Autophagy</i> , 2017, 13, 868-884. | 9.1 | 81 |
| 13 | Pexophagy: A Model for Selective Autophagy. <i>International Journal of Molecular Sciences</i> , 2020, 21, 578. | 4.1 | 70 |
| 14 | 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 |
| 15 | PEX16 contributes to peroxisome maintenance by constantly trafficking PEX3 via the ER. <i>Journal of Cell Science</i> , 2014, 127, 3675-86. | 2.0 | 53 |
| 16 | Maintaining social contacts: The physiological relevance of organelle interactions. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118800. | 4.1 | 52 |
| 17 | mTOR complex 1 controls the nuclear localization and function of glycogen synthase kinase 3 β . <i>Journal of Biological Chemistry</i> , 2018, 293, 14723-14739. | 3.4 | 51 |
| 18 | Deubiquitinating enzyme USP30 maintains basal peroxisome abundance by regulating pexophagy. <i>Journal of Cell Biology</i> , 2019, 218, 798-807. | 5.2 | 50 |

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|----|--|------|-----------|
| 19 | 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 |
| 20 | Multiple Domains in PEX16 Mediate Its Trafficking and Recruitment of Peroxisomal Proteins to the ER. <i>Traffic</i> , 2015, 16, 832-852. | 2.7 | 35 |
| 21 | Multiple paths to peroxisomes: Mechanism of peroxisome maintenance in mammals. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 881-891. | 4.1 | 35 |
| 22 | Rab7 palmitoylation is required for efficient endosome-to-TGN trafficking. <i>Journal of Cell Science</i> , 2017, 130, 2579-2590. | 2.0 | 34 |
| 23 | Loss of HSPA9 induces peroxisomal degradation by increasing pexophagy. <i>Autophagy</i> , 2020, 16, 1989-2003. | 9.1 | 34 |
| 24 | PEX16: a multifaceted regulator of peroxisome biogenesis. <i>Frontiers in Physiology</i> , 2013, 4, 241. | 2.8 | 27 |
| 25 | Requirement for Microtubules and Dynein Motors in the Earliest Stages of Peroxisome Biogenesis. <i>Traffic</i> , 2005, 6, 386-395. | 2.7 | 25 |
| 26 | 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 |
| 27 | Peroxisome Biogenesis: A Union between Two Organelles. <i>Current Biology</i> , 2017, 27, R271-R274. | 3.9 | 24 |
| 28 | 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 |
| 29 | Fyn and TOM1L1 are recruited to clathrin-coated pits and regulate Akt signaling. <i>Journal of Cell Biology</i> , 2022, 221, . | 5.2 | 17 |
| 30 | Manipulation of peptide conformations by fine-tuning of the environment and/or the primary sequence. <i>Biopolymers</i> , 1995, 35, 667-675. | 2.4 | 16 |
| 31 | PEX5 and Ubiquitin Dynamics on Mammalian Peroxisome Membranes. <i>PLoS Computational Biology</i> , 2014, 10, e1003426. | 3.2 | 16 |
| 32 | Global Proximity Interactome of the Human Macroautophagy Pathway. <i>Autophagy</i> , 2022, 18, 1174-1186. | 9.1 | 9 |
| 33 | 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 |
| 34 | 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 |
| 35 | Single-molecule localization microscopy of septin bundles in mammalian cells. <i>Cytoskeleton</i> , 2019, 76, 63-72. | 2.0 | 5 |
| 36 | USP30: protector of peroxisomes and mitochondria. <i>Molecular and Cellular Oncology</i> , 2019, 6, 1600350. | 0.7 | 3 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Lysosome Targeting RedGreen-assay: Selective Autophagy Sensing Assay for Mammalian Cells. Bio-protocol, 2019, 9, e3455. | 0.4 | 3 |
| 38 | Hyperspectral super-resolution imaging with far-red emitting fluorophores using a thin-film tunable filter. Review of Scientific Instruments, 2020, 91, 123703. | 1.3 | 1 |
| 39 | Fyn is recruited to specialized clathrin coated pits and regulates EGF receptor signaling. FASEB Journal, 2019, 33, 788.1. | 0.5 | 0 |
| 40 | Peroxisome Biogenesis Disorders. , 2020, , 221-233. | | 0 |