

Ashish Jain

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

9,071
citations

201674

27
h-index

302126

39
g-index

44
all docs

44
docs citations

44
times ranked

19638
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 | p62/SQSTM1 Is a Target Gene for Transcription Factor NRF2 and Creates a Positive Feedback Loop by Inducing Antioxidant Response Element-driven Gene Transcription. <i>Journal of Biological Chemistry</i> , 2010, 285, 22576-22591. | 3.4 | 1,158 |
| 3 | Microenvironmental autophagy promotes tumour growth. <i>Nature</i> , 2017, 541, 417-420. | 27.8 | 379 |
| 4 | TRIMs and Galectins Globally Cooperate and TRIM16 and Galectin-3 Co-direct Autophagy in Endomembrane Damage Homeostasis. <i>Developmental Cell</i> , 2016, 39, 13-27. | 7.0 | 339 |
| 5 | TRIM Proteins Regulate Autophagy and Can Target Autophagic Substrates by Direct Recognition. <i>Developmental Cell</i> , 2014, 30, 394-409. | 7.0 | 269 |
| 6 | ATG8 Family Proteins Act as Scaffolds for Assembly of the ULK Complex. <i>Journal of Biological Chemistry</i> , 2012, 287, 39275-39290. | 3.4 | 257 |
| 7 | TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. <i>Journal of Cell Biology</i> , 2015, 210, 973-989. | 5.2 | 248 |
| 8 | Dedicated <sc>SNARE</sc> s and specialized <sc>TRIM</sc> cargo receptors mediate secretory autophagy. <i>EMBO Journal</i> , 2017, 36, 42-60. | 7.8 | 247 |
| 9 | The Crohn's Disease Risk Factor IRGM Limits NLRP3 Inflammasome Activation by Impeding Its Assembly and by Mediating Its Selective Autophagy. <i>Molecular Cell</i> , 2019, 73, 429-445.e7. | 9.7 | 145 |
| 10 | Mechanism of Stx17 recruitment to autophagosomes via IRGM and mammalian Atg8 proteins. <i>Journal of Cell Biology</i> , 2018, 217, 997-1013. | 5.2 | 115 |
| 11 | Phosphorylation of Syntaxin 17 by TBK1 Controls Autophagy Initiation. <i>Developmental Cell</i> , 2019, 49, 130-144.e6. | 7.0 | 99 |
| 12 | TRIM-directed selective autophagy regulates immune activation. <i>Autophagy</i> , 2017, 13, 989-990. | 9.1 | 86 |
| 13 | Identification of p62/SQSTM1 as a component of non-canonical Wnt VANGL2's JNK signalling in breast cancer. <i>Nature Communications</i> , 2016, 7, 10318. | 12.8 | 85 |
| 14 | Unrestrained ESCRT-III drives micronuclear catastrophe and chromosome fragmentation. <i>Nature Cell Biology</i> , 2020, 22, 856-867. | 10.3 | 75 |
| 15 | Cellular and molecular mechanism for secretory autophagy. <i>Autophagy</i> , 2017, 13, 1084-1085. | 9.1 | 71 |
| 16 | TRIM proteins regulate autophagy: TRIM5 is a selective autophagy receptor mediating HIV-1 restriction. <i>Autophagy</i> , 2014, 10, 2387-2388. | 9.1 | 64 |
| 17 | p62/Sequestosome-1, Autophagy-related Gene 8, and Autophagy in Drosophila Are Regulated by Nuclear Factor Erythroid 2-related Factor 2 (NRF2), Independent of Transcription Factor TFEB. <i>Journal of Biological Chemistry</i> , 2015, 290, 14945-14962. | 3.4 | 61 |
| 18 | Nrf2 and SQSTM1/p62 jointly contribute to mesenchymal transition and invasion in glioblastoma. <i>Oncogene</i> , 2019, 38, 7473-7490. | 5.9 | 61 |

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|----|--|------|-----------|
| 19 | SQSTM1/p62 regulates the expression of junctional proteins through epithelial-mesenchymal transition factors. <i>Cell Cycle</i> , 2015, 14, 364-374. | 2.6 | 57 |
| 20 | Mammalian Atg8 proteins and the autophagy factor IRGM control mTOR and TFEB at a regulatory node critical for responses to pathogens. <i>Nature Cell Biology</i> , 2020, 22, 973-985. | 10.3 | 55 |
| 21 | Mammalian hybrid pre-autophagosomal structure HyPAS generates autophagosomes. <i>Cell</i> , 2021, 184, 5950-5969.e22. | 28.9 | 54 |
| 22 | HIV-1 viral infectivity factor interacts with microtubule-associated protein light chain 3 and inhibits autophagy. <i>Aids</i> , 2015, 29, 275-286. | 2.2 | 50 |
| 23 | Kenny mediates selective autophagic degradation of the IKK complex to control innate immune responses. <i>Nature Communications</i> , 2017, 8, 1264. | 12.8 | 50 |
| 24 | Autoimmunity gene <i>IRGM</i> suppresses <i>cGAS</i> and <i>STING</i> and <i>RIG</i> and <i>MAVS</i> signaling to control interferon response. <i>EMBO Reports</i> , 2020, 21, e50051. | 4.5 | 48 |
| 25 | TRIM17 contributes to autophagy of midbodies while actively sparing other targets from degradation. <i>Journal of Cell Science</i> , 2016, 129, 3562-3573. | 2.0 | 40 |
| 26 | Galectins and TRIMs directly interact and orchestrate autophagic response to endomembrane damage. <i>Autophagy</i> , 2017, 13, 1086-1087. | 9.1 | 40 |
| 27 | TRIM50 regulates Beclin 1 proautophagic activity. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2018, 1865, 908-919. | 4.1 | 39 |
| 28 | Centralspindlin Recruits ALIX to the Midbody during Cytokinetic Abscission in <i>Drosophila</i> via a Mechanism Analogous to Virus Budding. <i>Current Biology</i> , 2019, 29, 3538-3548.e7. | 3.9 | 29 |
| 29 | Class III phosphatidylinositol-3-OH kinase controls epithelial integrity through endosomal LKB1 regulation. <i>Nature Cell Biology</i> , 2017, 19, 1412-1423. | 10.3 | 28 |
| 30 | Host autophagy mediates organ wasting and nutrient mobilization for tumor growth. <i>EMBO Journal</i> , 2021, 40, e107336. | 7.8 | 25 |
| 31 | Regulation of Expression of Autophagy Genes by Atg8a-Interacting Partners Sequoia, YL-1, and Sir2 in <i>Drosophila</i> . <i>Cell Reports</i> , 2020, 31, 107695. | 6.4 | 19 |
| 32 | Natriuretic peptide receptor-mediated attenuation of vascular smooth muscle cell hypertrophy involves <i>Gq</i> / <i>PLC</i> β 1 proteins and ROS-associated signaling. <i>Pharmacology Research and Perspectives</i> , 2018, 6, e00375. | 2.4 | 14 |
| 33 | TRIM32 acts both as a substrate and a positive regulator of p62/SQSTM1 impaired in a muscular dystrophy disease. <i>Journal of Cell Science</i> , 2019, 132, . | 2.0 | 14 |
| 34 | RNA-Binding RING E3-Ligase DZIP3/hrRUL138 Stabilizes Cyclin D1 to Drive Cell-Cycle and Cancer Progression. <i>Cancer Research</i> , 2021, 81, 315-331. | 0.9 | 14 |
| 35 | Phosphorylation of the LIR Domain of SCOC Modulates ATG8 Binding Affinity and Specificity. <i>Journal of Molecular Biology</i> , 2021, 433, 166987. | 4.2 | 14 |
| 36 | Mammalian Atg8-family proteins are upstream regulators of the lysosomal system by controlling MTOR and TFEB. <i>Autophagy</i> , 2020, 16, 2305-2306. | 9.1 | 11 |

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|----|---|-----|-----------|
| 37 | Degradation of arouser by endosomal microautophagy is essential for adaptation to starvation in <i>Drosophila</i> . Life Science Alliance, 2021, 4, e202000965. | 2.8 | 6 |
| 38 | Degradation of arouser by endosomal microautophagy is essential for adaptation to starvation in. Life Science Alliance, 2021, 4, . | 2.8 | 2 |
| 39 | TRIM-mediated precision autophagy targets cytoplasmic regulators of innate immunity. Journal of Experimental Medicine, 2015, 212, 212100IA77. | 8.5 | 0 |