

Taras Y Nazarko

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

8,678
citations

567281

15
h-index

552781

26
g-index

29
all docs

29
docs citations

29
times ranked

20175
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 | Molecular mechanism and physiological role of pexophagy. <i>FEBS Letters</i> , 2010, 584, 1367-1373. | 2.8 | 120 |
| 4 | Peroxisomal Atg37 binds Atg30 or palmitoyl-CoA to regulate phagophore formation during pexophagy. <i>Journal of Cell Biology</i> , 2014, 204, 541-557. | 5.2 | 99 |
| 5 | Receptor protein complexes are in control of autophagy. <i>Autophagy</i> , 2012, 8, 1701-1705. | 9.1 | 77 |
| 6 | Peroxisome Size Provides Insights into the Function of Autophagy-related Proteins. <i>Molecular Biology of the Cell</i> , 2009, 20, 3828-3839. | 2.1 | 67 |
| 7 | Early Secretory Pathway Gene <i>TRS85</i> is Required for Selective Macroautophagy of Peroxisomes in <i>Yarrowia lipolytica</i> . <i>Autophagy</i> , 2005, 1, 37-45. | 9.1 | 66 |
| 8 | Peroxisomal Pex3 Activates Selective Autophagy of Peroxisomes via Interaction with the Pexophagy Receptor Atg30. <i>Journal of Biological Chemistry</i> , 2015, 290, 8623-8631. | 3.4 | 46 |
| 9 | The Requirement of Sterol Glucoside for Pexophagy in Yeast Is Dependent on the Species and Nature of Peroxisome Inducers. <i>Molecular Biology of the Cell</i> , 2007, 18, 106-118. | 2.1 | 43 |
| 10 | Atg35, a micropexophagy-specific protein that regulates micropexophagic apparatus formation in <i>Pichia pastoris</i> . <i>Autophagy</i> , 2011, 7, 375-385. | 9.1 | 43 |
| 11 | Sterol glucosyltransferases have different functional roles in <i>Pichia pastoris</i> and <i>Yarrowia lipolytica</i> . <i>Cell Biology International</i> , 2003, 27, 947-952. | 3.0 | 38 |
| 12 | Pexophagy is responsible for 65% of cases of peroxisome biogenesis disorders. <i>Autophagy</i> , 2017, 13, 991-994. | 9.1 | 38 |
| 13 | Chapter 16 Methods of Plate Pexophagy Monitoring and Positive Selection for ATG Gene Cloning in Yeasts. <i>Methods in Enzymology</i> , 2008, 451, 229-239. | 1.0 | 33 |
| 14 | Atg37 regulates the assembly of the pexophagic receptor protein complex. <i>Autophagy</i> , 2014, 10, 1348-1349. | 9.1 | 29 |
| 15 | Pex3 and Atg37 compete to regulate the interaction between the pexophagy receptor, Atg30, and the Hrr25 kinase. <i>Autophagy</i> , 2018, 14, 368-384. | 9.1 | 28 |
| 16 | The Molecular Interplay between Human Coronaviruses and Autophagy. <i>Cells</i> , 2021, 10, 2022. | 4.1 | 18 |
| 17 | Autophagy-Related Pathways and Specific Role of Sterol Glucoside in Yeasts. <i>Autophagy</i> , 2007, 3, 263-265. | 9.1 | 15 |
| 18 | eIF2A knockout mice reveal decreased life span and metabolic syndrome. <i>FASEB Journal</i> , 2021, 35, e21990. | 0.5 | 14 |

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|----|--|-----|-----------|
| 19 | GSH2, a gene encoding γ -glutamylcysteine synthetase in the methylotrophic yeast <i>Hansenula polymorpha</i> . <i>FEMS Yeast Research</i> , 2002, 2, 327-332. | 2.3 | 13 |
| 20 | Lipid Droplets and Their Autophagic Turnover via the Raft-Like Vacuolar Microdomains. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8144. | 4.1 | 13 |
| 21 | SQSTM1, lipid droplets and current state of their lipophagy affairs. <i>Autophagy</i> , 2023, 19, 720-723. | 9.1 | 12 |
| 22 | Observation of the peroxisome?vacuole dynamics by fluorescence microscopy with a single filter set. <i>Cell Biology International</i> , 2005, 29, 65-70. | 3.0 | 11 |
| 23 | Selective autophagy: the rise of the zebrafish model. <i>Autophagy</i> , 2021, 17, 3297-3305. | 9.1 | 10 |
| 24 | Nitrogen Starvation and Stationary Phase Lipophagy Have Distinct Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9094. | 4.1 | 9 |
| 25 | <i>Komagataella phaffii</i> Cue5 Piggybacks on Lipid Droplets for Its Vacuolar Degradation during Stationary Phase Lipophagy. <i>Cells</i> , 2022, 11, 215. | 4.1 | 8 |
| 26 | Identification of intragenic mutations in the gene that affect peroxisome biogenesis and methylotrophic growth. <i>FEMS Yeast Research</i> , 2003, 4, 141-147. | 2.3 | 2 |
| 27 | Special Issue on "Ubiquitin and Autophagy". <i>Cells</i> , 2021, 10, 116. | 4.1 | 0 |