

# Satoko Arakawa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10033054/publications.pdf>

Version: 2024-02-01

40  
papers

5,534  
citations

236925

25  
h-index

315739

38  
g-index

41  
all docs

41  
docs citations

41  
times ranked

10464  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Nickel particles are present in Crohn's disease tissue and exacerbate intestinal inflammation in IBD susceptible mice. <i>Biochemical and Biophysical Research Communications</i> , 2022, 592, 74-80.   | 2.1  | 6         |
| 2  | Ultrastructure of the foliose lichen <i>Myelochroa leucotyiza</i> and its solo fungal and algal ( <i>Trebouxia</i> ) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50  | 4.6  | 3         |
| 3  | Homeostatic p62 levels and inclusion body formation in CHCHD2 knockout mice. <i>Human Molecular Genetics</i> , 2021, 30, 443-453.   | 2.9  | 21        |
| 4  | The ceramide analogue N-(1-hydroxy-3-morpholino-1-phenylpropan-2-yl)decanamide induces large lipid droplet accumulation and highlights the effect of LAMP-2 deficiency on lipid droplet degradation. <i>Biorganic and Medicinal Chemistry Letters</i> , 2020, 30, 126891. | 2.2  | 5         |
| 5  | Wipi3 is essential for alternative autophagy and its loss causes neurodegeneration. <i>Nature Communications</i> , 2020, 11, 5311.  | 12.8 | 30        |
| 6  | Association Between Atg5-independent Alternative Autophagy and Neurodegenerative Diseases. <i>Journal of Molecular Biology</i> , 2020, 432, 2622-2632.  | 4.2  | 17        |
| 7  | Identification of a phosphorylation site on Ulk1 required for genotoxic stress-induced alternative autophagy. <i>Nature Communications</i> , 2020, 11, 1754.  | 12.8 | 46        |
| 8  | ER-resident sensor PERK is essential for mitochondrial thermogenesis in brown adipose tissue. <i>Life Science Alliance</i> , 2020, 3, e201900576.   | 2.8  | 27        |
| 9  | Prediction of intracellular targets of a small compound by analyzing peptides presented on MHC class I. <i>Biochemical and Biophysical Research Communications</i> , 2019, 508, 480-486.  | 2.1  | 0         |
| 10 | The CCR4-NOT deadenylase complex controls Atg7-dependent cell death and heart function. <i>Science Signaling</i> , 2018, 11, .  | 3.6  | 51        |
| 11 | Dram1 regulates DNA damage-induced alternative autophagy. <i>Cell Stress</i> , 2018, 2, 55-65.  | 3.2  | 33        |
| 12 | Monitoring of Atg5-Independent Mitophagy. <i>Methods in Molecular Biology</i> , 2017, 1759, 125-132.  | 0.9  | 1         |
| 13 | Role of Atg5-dependent cell death in the embryonic development of Bax/Bak double-knockout mice. <i>Cell Death and Differentiation</i> , 2017, 24, 1598-1608.  | 11.2 | 79        |
| 14 | Hyperoxidation of ether-linked phospholipids accelerates neutrophil extracellular trap formation. <i>Scientific Reports</i> , 2017, 7, 16026.   | 3.3  | 29        |
| 15 | Molecular mechanisms and physiological roles of Atg5/Atg7-independent alternative autophagy. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2017, 93, 378-385.  | 3.8  | 116       |
| 16 | Golgi membrane-associated degradation pathway in yeast and mammals. <i>EMBO Journal</i> , 2016, 35, 1991-2007.  | 7.8  | 78        |
| 17 | Identification of PPM1D as an essential Ulk1 phosphatase for genotoxic stress-induced autophagy. <i>EMBO Reports</i> , 2016, 17, 1552-1564.   | 4.5  | 77        |
| 18 | Autophagy controls centrosome number by degrading Cep63. <i>Nature Communications</i> , 2016, 7, 13508.   | 12.8 | 34        |

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|----|--|------|-----------|
| 19 | In Situ Characterization of Bak Clusters Responsible for Cell Death Using Single Molecule Localization Microscopy. <i>Scientific Reports</i> , 2016, 6, 27505.   | 3.3  | 33        |
| 20 | Identification of a novel compound that inhibits both mitochondria-mediated necrosis and apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2015, 467, 1006-1011.                     | 2.1  | 22        |
| 21 | Mammalian Autophagy Can Occur Through an Atg5/Atg7-Independent Pathway. , 2014, , 49-58.   |      | 0         |
| 22 | Autophagic Cell Death and Cancer. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3145-3153.  | 4.1  | 173       |
| 23 | Alternative macroautophagy and mitophagy. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 50, 64-66.   | 2.8  | 23        |
| 24 | Ulk1-mediated Atg5-independent macroautophagy mediates elimination of mitochondria from embryonic reticulocytes. <i>Nature Communications</i> , 2014, 5, 4004.   | 12.8 | 171       |
| 25 | Inhibition of Epithelial Cell Death by Bcl-2 Improved Chronic Colitis in IL-10 KO Mice. <i>American Journal of Pathology</i> , 2013, 183, 1936-1944.   | 3.8  | 16        |
| 26 | Involvement of Beclin 1 in Engulfment of Apoptotic Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 13919-13929.   | 3.4  | 31        |
| 27 | Transformation of an antimicrobial peptide into a plasma membrane-permeable, mitochondria-targeted peptide via the substitution of lysine with arginine. <i>Chemical Communications</i> , 2012, 48, 11097. | 4.1  | 45        |
| 28 | Hypertrophy and Unconventional Cell Division of Hepatocytes Underlie Liver Regeneration. <i>Current Biology</i> , 2012, 22, 1166-1175.   | 3.9  | 367       |
| 29 | Shigella Targets Epithelial Tricellular Junctions and Uses a Noncanonical Clathrin-Dependent Endocytic Pathway to Spread Between Cells. <i>Cell Host and Microbe</i> , 2012, 11, 325-336.                  | 11.0 | 90        |
| 30 | Spatial Coupling of mTOR and Autophagy Augments Secretory Phenotypes. <i>Science</i> , 2011, 332, 966-970.   | 12.6 | 469       |
| 31 | Stress-Activated Protein Kinase MKK7 Regulates Axon Elongation in the Developing Cerebral Cortex. <i>Journal of Neuroscience</i> , 2011, 31, 16872-16883.  | 3.6  | 64        |
| 32 | Preparation of connexin43-integrated giant Liposomes by a baculovirus expression-liposome fusion method. <i>Biotechnology and Bioengineering</i> , 2010, 107, 836-843.                                     | 3.3  | 22        |
| 33 | Autophagy takes an alternative pathway. <i>Autophagy</i> , 2010, 6, 290-291.   | 9.1  | 29        |
| 34 | xCT deficiency accelerates chemically induced tumorigenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6436-6441.                                | 7.1  | 52        |
| 35 | Discovery of Atg5/Atg7-independent alternative macroautophagy. <i>Nature</i> , 2009, 461, 654-658.   | 27.8 | 949       |
| 36 | Analysis of locomotor control using transgenic mice having controllable D1R expression. <i>Neuroscience Research</i> , 2009, 65, S77-S78.  | 1.9  | 0         |

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|----|--|------|-----------|
| 37 | Autophagy mediates the mitotic senescence transition. <i>Genes and Development</i> , 2009, 23, 798-803.  | 5.9  | 883       |
| 38 | VPS9a, the Common Activator for Two Distinct Types of Rab5 GTPases, Is Essential for the Development of <i>Arabidopsis thaliana</i> . <i>Plant Cell</i> , 2007, 19, 3504-3515.   | 6.6  | 119       |
| 39 | Serine/Threonine Protein Kinase SpkA in <i>Synechocystis</i> sp. Strain PCC 6803 Is a Regulator of Expression of Three Putative pilA Operons, Formation of Thick Pili, and Cell Motility. <i>Journal of Bacteriology</i> , 2006, 188, 7696-7699. | 2.2  | 31        |
| 40 | Role of Bcl-2 family proteins in a non-apoptotic programmed cell death dependent on autophagy genes. <i>Nature Cell Biology</i> , 2004, 6, 1221-1228.  | 10.3 | 1,277     |