

Vincent C Auyeung

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

7,418
citations

257450

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477307

29
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31
all docs

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docs citations

31
times ranked

10814
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | IRE1 \pm drives lung epithelial progenitor dysfunction to establish a niche for pulmonary fibrosis. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L564-L580. | 2.9 | 12 |
| 2 | Stuck in a Moment: Does Abnormal Persistence of Epithelial Progenitors Drive Pulmonary Fibrosis?. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 667-669. | 5.6 | 13 |
| 3 | ATP-competitive partial antagonists of the IRE1 \pm RNase segregate outputs of the UPR. Nature Chemical Biology, 2021, 17, 1148-1156. | 8.0 | 7 |
| 4 | Targeting Adaptive IRE1 \pm Signaling and PLK2 in Multiple Myeloma: Possible Anti-Tumor Mechanisms of KIRA8 and Nilotinib. International Journal of Molecular Sciences, 2020, 21, 6314. | 4.1 | 9 |
| 5 | Nicotinic acetylcholine receptor signaling regulates inositol \pm requiring enzyme \pm activation to protect β \pm cells against terminal unfolded protein response under irremediable endoplasmic reticulum stress. Journal of Diabetes Investigation, 2020, 11, 801-813. | 2.4 | 12 |
| 6 | Small Molecules to Improve ER Proteostasis in Disease. Trends in Pharmacological Sciences, 2019, 40, 684-695. | 8.7 | 59 |
| 7 | Endoplasmic reticulum stress, degeneration of pancreatic islet β \pm -cells, and therapeutic modulation of the unfolded protein response in diabetes. Molecular Metabolism, 2019, 27, S60-S68. | 6.5 | 73 |
| 8 | Chaperone-mediated reflux of secretory proteins to the cytosol during endoplasmic reticulum stress. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 11291-11298. | 7.1 | 36 |
| 9 | Parallel Signaling through IRE1 \pm and PERK Regulates Pancreatic Neuroendocrine Tumor Growth and Survival. Cancer Research, 2019, 79, 6190-6203. | 0.9 | 25 |
| 10 | Small molecule inhibition of IRE1 \pm kinase/RNase has anti-fibrotic effects in the lung. PLoS ONE, 2019, 14, e0209824. | 2.5 | 51 |
| 11 | The Unfolded Protein Response and Cell Fate Control. Molecular Cell, 2018, 69, 169-181. | 9.7 | 1,014 |
| 12 | Targeting ABL-IRE1 \pm Signaling Spares ER-Stressed Pancreatic β \pm Cells to Reverse Autoimmune Diabetes. Cell Metabolism, 2017, 25, 883-897.e8. | 16.2 | 149 |
| 13 | Structural and Functional Analysis of the Allosteric Inhibition of IRE1 \pm with ATP-Competitive Ligands. ACS Chemical Biology, 2016, 11, 2195-2205. | 3.4 | 75 |
| 14 | COPA mutations impair ER-Golgi transport and cause hereditary autoimmune-mediated lung disease and arthritis. Nature Genetics, 2015, 47, 654-660. | 21.4 | 302 |
| 15 | The Role of Endoplasmic Reticulum Stress in Human Pathology. Annual Review of Pathology: Mechanisms of Disease, 2015, 10, 173-194. | 22.4 | 967 |
| 16 | Druggable sensors of the unfolded protein response. Nature Chemical Biology, 2014, 10, 892-901. | 8.0 | 181 |
| 17 | Allosteric Inhibition of the IRE1 \pm RNase Preserves Cell Viability and Function during Endoplasmic Reticulum Stress. Cell, 2014, 158, 534-548. | 28.9 | 384 |
| 18 | Beyond Secondary Structure: Primary-Sequence Determinants License Pri-miRNA Hairpins for Processing. Cell, 2013, 152, 844-858. | 28.9 | 373 |

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|----|--|------|-----------|
| 19 | Endoplasmic Reticulum Stress, Pancreatic β -Cell Degeneration, and Diabetes. Cold Spring Harbor Perspectives in Medicine, 2012, 2, a007666-a007666. | 6.2 | 151 |
| 20 | IRE1 β Cleaves Select microRNAs During ER Stress to Derepress Translation of Proapoptotic Caspase-2. Science, 2012, 338, 818-822. | 12.6 | 550 |
| 21 | IRE1 β Induces Thioredoxin-Interacting Protein to Activate the NLRP3 Inflammasome and Promote Programmed Cell Death under Irremediable ER Stress. Cell Metabolism, 2012, 16, 250-264. | 16.2 | 707 |
| 22 | Divergent allosteric control of the IRE1 β endoribonuclease using kinase inhibitors. Nature Chemical Biology, 2012, 8, 982-989. | 8.0 | 175 |
| 23 | Mammalian microRNAs: experimental evaluation of novel and previously annotated genes. Genes and Development, 2010, 24, 992-1009. | 5.9 | 706 |
| 24 | IRE1 β Kinase Activation Modes Control Alternate Endoribonuclease Outputs to Determine Divergent Cell Fates. Cell, 2009, 138, 562-575. | 28.9 | 717 |
| 25 | A kinase inhibitor activates the IRE1 β RNase to confer cytoprotection against ER stress. Biochemical and Biophysical Research Communications, 2008, 365, 777-783. | 2.1 | 46 |
| 26 | The defect in T-cell regulation in NOD mice is an effect on the T-cell effectors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19857-19862. | 7.1 | 174 |
| 27 | Optimization and Functional Effects of Stable Short Hairpin RNA Expression in Primary Human Lymphocytes via Lentiviral Vectors. Molecular Therapy, 2006, 14, 494-504. | 8.2 | 145 |
| 28 | A fluorophore attached to nicotinic acetylcholine receptor α 2 detects productive binding of agonist to the α 2 site. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10195-10200. | 7.1 | 92 |
| 29 | Lentiviral Vector- Mediated Delivery of si/ shRNA. , 2004, , . | | 0 |
| 30 | Bypassing a Kinase Activity with an ATP-Competitive Drug. Science, 2003, 302, 1533-1537. | 12.6 | 213 |