

Ayaz Najafov

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

3,119
citations

279798

23
h-index

377865

34
g-index

36
all docs

36
docs citations

36
times ranked

6961
citing authors

#	ARTICLE	IF	CITATIONS
1	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. <i>Science</i> , 2016, 353, 603-608.	12.6	448
2	Activation of Necroptosis in Multiple Sclerosis. <i>Cell Reports</i> , 2015, 10, 1836-1849.	6.4	413
3	Necroptosis in development and diseases. <i>Genes and Development</i> , 2018, 32, 327-340.	5.9	270
4	Roles of Caspases in Necrotic Cell Death. <i>Cell</i> , 2016, 167, 1693-1704.	28.9	234
5	Regulation of RIPK1 activation by TAK1-mediated phosphorylation dictates apoptosis and necroptosis. <i>Nature Communications</i> , 2017, 8, 359.	12.8	210
6	Necroptosis and Cancer. <i>Trends in Cancer</i> , 2017, 3, 294-301.	7.4	153
7	Characterization of GSK2334470, a novel and highly specific inhibitor of PDK1. <i>Biochemical Journal</i> , 2011, 433, 357-369.	3.7	128
8	Regulation of a distinct activated RIPK1 intermediate bridging complex I and complex II in TNF α -mediated apoptosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E5944-E5953.	7.1	110
9	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. <i>Journal of Cell Biology</i> , 2015, 210, 705-716.	5.2	95
10	Pharmacological targeting of MCL-1 promotes mitophagy and improves disease pathologies in an Alzheimer's disease mouse model. <i>Nature Communications</i> , 2020, 11, 5731.	12.8	94
11	TAM Kinases Promote Necroptosis by Regulating Oligomerization of MLKL. <i>Molecular Cell</i> , 2019, 75, 457-468.e4.	9.7	87
12	ABIN-1 regulates RIPK1 activation by linking Met1 ubiquitylation with Lys63 deubiquitylation in TNF-RSC. <i>Nature Cell Biology</i> , 2018, 20, 58-68.	10.3	83
13	The UNC-45 chaperone mediates sarcomere assembly through myosin degradation in <i>Caenorhabditis elegans</i> . <i>Journal of Cell Biology</i> , 2007, 177, 205-210.	5.2	82
14	G-protein-coupled receptors regulate autophagy by ZBTB16-mediated ubiquitination and proteasomal degradation of Atg14L. <i>ELife</i> , 2015, 4, e06734.	6.0	80
15	Clinicopathological and genetic study of early-onset demyelinating neuropathy. <i>Brain</i> , 2004, 127, 2540-2550.	7.6	76
16	Metformin activates chaperone-mediated autophagy and improves disease pathologies in an Alzheimer disease mouse model. <i>Protein and Cell</i> , 2021, 12, 769-787.	11.0	63
17	Akt is efficiently activated by PIF-pocket- and PtdIns(3,4,5)P ₃ -dependent mechanisms leading to resistance to PDK1 inhibitors. <i>Biochemical Journal</i> , 2012, 448, 285-295.	3.7	61
18	Modulating TRADD to restore cellular homeostasis and inhibit apoptosis. <i>Nature</i> , 2020, 587, 133-138.	27.8	57

#	ARTICLE	IF	CITATIONS
19	BRAF and AXL oncogenes drive RIPK3 expression loss in cancer. <i>PLoS Biology</i> , 2018, 16, e2005756.	5.6	56
20	ARIH1 signaling promotes anti-tumor immunity by targeting PD-L1 for proteasomal degradation. <i>Nature Communications</i> , 2021, 12, 2346.	12.8	52
21	Uncoupling the Warburg effect from cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 19135-19136.	7.1	34
22	PKD1 regulates VDJ recombination, cell-cycle exit and survival during B-cell development. <i>EMBO Journal</i> , 2013, 32, 1008-1022.	7.8	32
23	ZNRF2 is released from membranes by growth factors and, together with ZNRF1, regulates the Na ⁺ /K ⁺ -ATPase. <i>Journal of Cell Science</i> , 2012, 125, 4662-4675.	2.0	27
24	RIPK1 Promotes Energy Sensing by the mTORC1 Pathway. <i>Molecular Cell</i> , 2021, 81, 370-385.e7.	9.7	25
25	Synergistic effect of a novel autophagy inhibitor and Quizartinib enhances cancer cell death. <i>Cell Death and Disease</i> , 2018, 9, 138.	6.3	23
26	Casein kinase-1 β and 3 stimulate tumor necrosis factor-induced necroptosis through RIPK3. <i>Cell Death and Disease</i> , 2019, 10, 923.	6.3	22
27	The E3 ubiquitin ligase ZNRF2 is a substrate of mTORC1 and regulates its activation by amino acids. <i>ELife</i> , 2016, 5, .	6.0	22
28	NEK1-mediated retromer trafficking promotes blood-brain barrier integrity by regulating glucose metabolism and RIPK1 activation. <i>Nature Communications</i> , 2021, 12, 4826.	12.8	20
29	ABIN-1 heterozygosity sensitizes to innate immune response in both RIPK1-dependent and RIPK1-independent manner. <i>Cell Death and Differentiation</i> , 2019, 26, 1077-1088.	11.2	18
30	Analysis of the Wnt/B-catenin/TCF4 pathway using SAGE, genome-wide microarray and promoter analysis: Identification of BRI3 and HSF2 as novel targets. <i>Cellular Signalling</i> , 2010, 22, 1523-1535.	3.6	17
31	MEN1 Is a Transcriptional Target of the Wnt/Beta-Catenin Pathway. <i>PLoS ONE</i> , 2012, 7, e37013.	2.5	16
32	GECO: gene expression correlation analysis after genetic algorithm-driven deconvolution. <i>Bioinformatics</i> , 2019, 35, 156-159.	4.1	5
33	CrossCheck: an open-source web tool for high-throughput screen data analysis. <i>Scientific Reports</i> , 2017, 7, 5855.	3.3	4
34	Degradation of HK2 by chaperone-mediated autophagy promotes metabolic catastrophe and cell death. <i>Journal of Experimental Medicine</i> , 2015, 212, 2121-2131.	8.5	0