Andrew Oberst

List of Publications by Year
in descending order

38 papers	10,509 citations	136950 32 h-index	315739 38 g-index
39 all docs	39 docs citations	39 times ranked	14159 citing authors

#	Article	IF	Citations
1	Molecular mechanisms of cell death: recommendations of the Nomenclature Committee on Cell Death 2018. Cell Death and Differentiation, 2018, 25, 486-541.	11.2	4,036
2	Catalytic activity of the caspase-8â€“FLIPL complex inhibits RIPK3-dependent necrosis. Nature, 2011, 471, 363-367.	27.8	1,059
3	Necroptosis in development, inflammation and disease. Nature Reviews Molecular Cell Biology, 2017, 18, 127-136.	37.0	687
4	RIPK1 and NF-Î°B signaling in dying cells determines cross-priming of CD8 ⁺ T cells. Science, 2015, 350, 328-334.	12.6	466
5	Limited Mitochondrial Permeabilization Causes DNA Damage and Genomic Instability in the Absence of Cell Death. Molecular Cell, 2015, 57, 860-872.	9.7	341
6	Mitochondrial inner membrane permeabilisation enables mt <scp>DNA</scp> release during apoptosis. EMBO Journal, 2018, 37, .	7.8	313
7	RIPK3 Activates Parallel Pathways of MLKL-Driven Necroptosis and FADD-Mediated Apoptosis to Protect against Influenza A Virus. Cell Host and Microbe, 2016, 20, 13-24.	11.0	299
8	Intratumoral activation of the necroptotic pathway components RIPK1 and RIPK3 potentiates antitumor immunity. Science Immunology, 2019, 4, .	11.9	242
9	Widespread Mitochondrial Depletion via Mitophagy Does Not Compromise Necroptosis. Cell Reports, 2013, 5, 878-885.	6.4	240
10	Caspase-8 mediates caspase-1 processing and innate immune defense in response to bacterial blockade of NF-Î°B and MAPK signaling. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7385-7390.	7.1	215
11	The Nucleotide Sensor ZBP1 and Kinase RIPK3 Induce the Enzyme IRG1 to Promote an Antiviral Metabolic State in Neurons. Immunity, 2019, 50, 64-76.e4.	14.3	214
12	Caspase-8 scaffolding function and MLKL regulate NLRP3 inflammasome activation downstream of TLR3. Nature Communications, 2015, 6, 7515.	12.8	205
13	FLIPL induces caspase 8 activity in the absence of interdomain caspase 8 cleavage and alters substrate specificity. Biochemical Journal, 2011, 433, 447-457.	3.7	194
14	Mitochondrial permeabilization engages NF-Î°B-dependent anti-tumour activity under caspaseÂdeficiency. Nature Cell Biology, 2017, 19, 1116-1129.	10.3	181
15	Inducible Dimerization and Inducible Cleavage Reveal a Requirement for Both Processes in Caspase-8 Activation. Journal of Biological Chemistry, 2010, 285, 16632-16642.	3.4	178
16	RIPK3 Restricts Viral Pathogenesis via Cell Death-Independent Neuroinflammation. Cell, 2017, 169, 301-313.e11.	28.9	163
17	MLKL Activation Triggers NLRP3-Mediated Processing and Release of IL-1Î² Independently of Gasdermin-D. Journal of Immunology, 2017, 198, 2156-2164.	0.8	158
18	Cutting Edge: Endoplasmic Reticulum Stress Licenses Macrophages To Produce Mature IL-1Î² in Response to TLR4 Stimulation through a Caspase-8â€“ and TRIF-Dependent Pathway. Journal of Immunology, 2014, 192, 2029-2033.	0.8	149

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19	It cuts both ways: reconciling the dual roles of caspase 8 in cell death and survival. Nature Reviews Molecular Cell Biology, 2011, 12, 757-763.	37.0	145
20	Intracellular Nucleic Acid Sensing Triggers Necroptosis through Synergistic Type I IFN and TNF Signaling. Journal of Immunology, 2018, 200, 2748-2756.	0.8	117
21	Autophagy Controls the Kinetics and Extent of Mitochondrial Apoptosis by Regulating PUMA Levels. Cell Reports, 2014, 7, 45-52.	6.4	93
22	<scp>RIPK</scp>3 in cell death and inflammation: the good, the bad, and the ugly. Immunological Reviews, 2017, 277, 102-112.	6.0	92
23	Programmed Cell Death and Inflammation: Winter Is Coming. Trends in Immunology, 2017, 38, 705-718.	6.8	91
24	RIPK3 Activation Leads to Cytokine Synthesis that Continues after Loss of Cell Membrane Integrity. Cell Reports, 2019, 28, 2275-2287.e5.	6.4	85
25	Comparing the effects of different cell death programs in tumor progression and immunotherapy. Cell Death and Differentiation, 2019, 26, 115-129.	11.2	74
26	Activity of Uncleaved Caspase-8 Controls Anti-bacterial Immune Defense and TLR-Induced Cytokine Production Independent of Cell Death. PLoS Pathogens, 2016, 12, e1005910.	4.7	74
27	T cells instruct myeloid cells to produce inflammasome-independent IL-1Î² and cause autoimmunity. Nature Immunology, 2020, 21, 65-74.	14.5	61
28	The Antisocial Network: Cross Talk Between Cell Death Programs in Host Defense. Annual Review of Immunology, 2021, 39, 77-101.	21.8	60
29	NPM1 directs PIDDosome-dependent caspase-2 activation in the nucleolus. Journal of Cell Biology, 2017, 216, 1795-1810.	5.2	55
30	Mito-priming as a method to engineer Bcl-2 addiction. Nature Communications, 2016, 7, 10538.	12.8	53
31	Controlled detonation: evolution of necroptosis in pathogen defense. Immunology and Cell Biology, 2017, 95, 131-136.	2.3	38
32	Death in the fast lane: what's next for necroptosis?. FEBS Journal, 2016, 283, 2616-2625.	4.7	36
33	De novo necroptosis creates an inflammatory environment mediating tumor susceptibility to immune checkpoint inhibitors. Communications Biology, 2020, 3, 645.	4.4	30
34	STING is required for host defense against neuropathological West Nile virus infection. PLoS Pathogens, 2019, 15, e1007899.	4.7	29
35	Identification of MYC as an antinecroptotic protein that stifles RIPK1â€"RIPK3 complex formation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19982-19993.	7.1	17
36	MK2 balances inflammation and cell death. Nature Cell Biology, 2017, 19, 1150-1152.	10.3	8

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37	Universal Principled Review: A Community-Driven Method to Improve Peer Review. Cell, 2019, 179, 1441-1445.	28.9	6
38	Outcomes of RIP Kinase Signaling During Neuroinvasive Viral Infection. Current Topics in Microbiology and Immunology, 2020, , 1.	1.1	3