Edward S Mocarski

List of Publications by Year
in descending order

43	4,385	218677	254184
papers	citations	26 h-index	43 g-index

44	44	44	5072
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Virus Inhibition of RIP3-Dependent Necrosis. Cell Host and Microbe, 2010, 7, 302-313.	11.0	494
2	RIP3 Induces Apoptosis Independent of Pronecrotic Kinase Activity. Molecular Cell, 2014, 56, 481-495.	9.7	470
3	Cutting Edge: RIP1 Kinase Activity Is Dispensable for Normal Development but Is a Key Regulator of Inflammation in SHARPIN-Deficient Mice. Journal of Immunology, 2014, 192, 5476-5480.	0.8	312
4	Viral infection and the evolution of caspase 8-regulated apoptotic and necrotic death pathways. Nature Reviews Immunology, 2012, 12, 79-88.	22.7	266
5	Caspase-8 and RIP kinases regulate bacteria-induced innate immune responses and cell death. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7391-7396.	7.1	250
6	RIP1 suppresses innate immune necrotic as well as apoptotic cell death during mammalian parturition. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7753-7758.	7.1	248
7	TNFR1-dependent cell death drives inflammation in Sharpin-deficient mice. ELife, 2014, 3, .	6.0	232
8	Herpes Simplex Virus Suppresses Necroptosis in Human Cells. Cell Host and Microbe, 2015, 17, 243-251.	11.0	221
9	Caspase-8 scaffolding function and MLKL regulate NLRP3 inflammasome activation downstream of TLR3. Nature Communications, 2015, 6, 7515.	12.8	205
10	Caspase-8 as an Effector and Regulator of NLRP3 Inflammasome Signaling. Journal of Biological Chemistry, 2015, 290, 20167-20184.	3.4	169
11	Inhibition of DAI-dependent necroptosis by the Z-DNA binding domain of the vaccinia virus innate immune evasion protein, E3. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 11506-11511.	7.1	121
12	Suppression of RIP3-dependent Necroptosis by Human Cytomegalovirus. Journal of Biological Chemistry, 2015, 290, 11635-11648.	3.4	118
13	Caspase-8 Modulates Dectin-1 and Complement Receptor 3â€“Driven IL-1Î² Production in Response to Î²-Glucans and the Fungal Pathogen, Candida albicans. Journal of Immunology, 2014, 193, 2519-2530.	0.8	114
14	MLKL Requires the Inositol Phosphate Code to Execute Necroptosis. Molecular Cell, 2018, 70, 936-948.e7.	9.7	111
15	Caspase-8 Collaborates with Caspase-11 to Drive Tissue Damage and Execution of Endotoxic Shock. Immunity, 2018, 49, 42-55.e6.	14.3	106
16	Necroptosis: The Trojan horse in cell autonomous antiviral host defense. Virology, 2015, 479-480, 160-166.	2.4	94
17	Cytomegalovirus Hijacks CX3CR1hi Patrolling Monocytes as Immune-Privileged Vehicles for Dissemination in Mice. Cell Host and Microbe, 2014, 15, 351-362.	11.0	88
18	Species-independent contribution of ZBP1/DAI/DLM-1-triggered necroptosis in host defense against HSV1. Cell Death and Disease, 2018, 9, 816.	6.3	88

#	Article	IF	Citations
19	Cytomegalovirus Impairs Antiviral CD8+ T Cell Immunity by Recruiting Inflammatory Monocytes. Immunity, 2012, 37, 122-133.	14.3	75
20	MicroRNA miR-21 Attenuates Human Cytomegalovirus Replication in Neural Cells by Targeting Cdc25a. Journal of Virology, 2015, 89, 1070-1082.	3.4	73
21	True Grit: Programmed Necrosis in Antiviral Host Defense, Inflammation, and Immunogenicity. Journal of Immunology, 2014, 192, 2019-2026.	0.8	68
22	Vaccinia virus E3 prevents sensing of Z-RNA to block ZBP1-dependent necroptosis. Cell Host and Microbe, 2021, 29, 1266-1276.e5.	11.0	66
23	Multicenter evaluation of PCR methods fordetecting CMV DNA in blood donors. Transfusion, 2001, 41, 1249-1257.	1.6	62
24	The A, B, Cs of Herpesvirus Capsids. Viruses, 2015, 7, 899-914.	3.3	57
25	Mouse cytomegalovirus M36 and M45 death suppressors cooperate to prevent inflammation resulting from antiviral programmed cell death pathways. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2786-E2795.	7.1	56
26	Viral Z-RNA triggers ZBP1-dependent cell death. Current Opinion in Virology, 2021, 51, 134-140.	5.4	35
27	Retinoic Acid Inducible Gene 1 Protein (RIG1)-Like Receptor Pathway Is Required for Efficient Nuclear Reprogramming. Stem Cells, 2017, 35, 1197-1207.	3.2	27
28	Necroptosis-based CRISPR knockout screen reveals Neuropilin-1 as a critical host factor for early stages of murine cytomegalovirus infection. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 20109-20116.	7.1	25
29	Cytomegalovirus inhibition of extrinsic apoptosis determines fitness and resistance to cytotoxic CD8 T cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12961-12968.	7.1	23
30	Proteasome inhibition blocks necroptosis by attenuating death complex aggregation. Cell Death and Disease, 2018, 9, 346.	6.3	21
31	Caspase-8 restricts antiviral CD8 T cell hyperaccumulation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 15170-15177.	7.1	16
32	Herpes simplex virus 1 ICP6 impedes TNF receptor 1â€“induced necrosome assembly during compartmentalization to detergent-resistant membrane vesicles. Journal of Biological Chemistry, 2019, 294, 991-1004.	3.4	15
33	Recognizing limits of Zâ€nucleic acid binding protein (ZBP1/DAI/DLM1) function. FEBS Journal, 2020, 287, 4362-4369.	4.7	13
34	TNF Signaling Dictates Myeloid and Non-Myeloid Cell Crosstalk to Execute MCMV-Induced Extrinsic Apoptosis. Viruses, 2020, 12, 1221.	3.3	9
35	Caspase-8-dependent control of NK- and T cell responses during cytomegalovirus infection. Medical Microbiology and Immunology, 2019, 208, 555-571.	4.8	7
36	Programmed Cell Death-Dependent Host Defense in Ocular Herpes Simplex Virus Infection. Frontiers in Microbiology, 2022, 13, 869064.	3.5	7

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37	Remarkably Robust Antiviral Immune Response despite Combined Deficiency in Caspase-8 and RIPK3. Journal of Immunology, 2018, 201, 2244-2255.	0.8	6
38	Multiple Autonomous Cell Death Suppression Strategies Ensure Cytomegalovirus Fitness. Viruses, 2021, 13, 1707.	3.3	6
39	Caspase-8 restricts natural killer cell accumulation during MCMV Infection. Medical Microbiology and Immunology, 2019, 208, 543-554.	4.8	4
40	Concern over use of the term Z-DNA. Nature, 2021, 594, 333-333.	27.8	2
41	Stanley Plotkin: the bright spark of cytomegalovirus vaccines. Medical Microbiology and Immunology, 2015, 204, 243-245.	4.8	1
42	Integrated evaluation of lung disease in single animals. PLoS ONE, 2021, 16, e0246270.	2.5	1
43	TNF-dependent hyperactivation of RIPK1-dependent cytotoxic signaling during embryogenesis and inflammation. PLoS Biology, 2021, 19, e3001371.	5.6	1