

Margery G Smelkinson

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,560
citations

304743

22
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

4685
citing authors

#	ARTICLE	IF	CITATIONS
1	In vivo characterization of the physicochemical properties of polymer-linked TLR agonists that enhance vaccine immunogenicity. <i>Nature Biotechnology</i> , 2015, 33, 1201-1210.	17.5	362
2	Non-classical Immunity Controls Microbiota Impact on Skin Immunity and Tissue Repair. <i>Cell</i> , 2018, 172, 784-796.e18.	28.9	323
3	Commensal-specific T cell plasticity promotes rapid tissue adaptation to injury. <i>Science</i> , 2019, 363, .	12.6	219
4	Peptide-TLR-7/8a conjugate vaccines chemically programmed for nanoparticle self-assembly enhance CD8 T-cell immunity to tumor antigens. <i>Nature Biotechnology</i> , 2020, 38, 320-332.	17.5	210
5	<i>C.Âlegans</i> Detects Pathogen-Induced Translational Inhibition to Activate Immune Signaling. <i>Cell Host and Microbe</i> , 2012, 11, 375-386.	11.0	185
6	Ubiquitin-Mediated Response to Microsporidia and Virus Infection in <i>C. elegans</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004200.	4.7	184
7	Second signals rescue B cells from activation-induced mitochondrial dysfunction and death. <i>Nature Immunology</i> , 2018, 19, 871-884.	14.5	166
8	Processing of the <i>Drosophila</i> Hedgehog Signaling Effector Ci-155 to the Repressor Ci-75 Is Mediated by Direct Binding to the SCF Component Slimb. <i>Current Biology</i> , 2006, 16, 110-116.	3.9	88
9	Regulation of Ci-SCFSlimb Binding, Ci Proteolysis, and Hedgehog Pathway Activity by Ci Phosphorylation. <i>Developmental Cell</i> , 2007, 13, 481-495.	7.0	85
10	The midgut microbiota plays an essential role in sand fly vector competence for <i>Leishmania major</i> . <i>Cellular Microbiology</i> , 2017, 19, e12755.	2.1	67
11	Overexpression of T-bet in HIV infection is associated with accumulation of B cells outside germinal centers and poor affinity maturation. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	65
12	HEM1 deficiency disrupts mTORC2 and F-actin control in inherited immunodysregulatory disease. <i>Science</i> , 2020, 369, 202-207.	12.6	65
13	Immunity to commensal skin fungi promotes psoriasiform skin inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 16465-16474.	7.1	62
14	Actin-Related Protein 2 (ARP2) and Virus-Induced Filopodia Facilitate Human Respiratory Syncytial Virus Spread. <i>PLoS Pathogens</i> , 2016, 12, e1006062.	4.7	59
15	The small GTPase RAB-11 directs polarized exocytosis of the intracellular pathogen <i>N. parisii</i> for fecal-oral transmission from <i>C. elegans</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 8215-8220.	7.1	42
16	Increased Mitochondrial Biogenesis and Reactive Oxygen Species Production Accompany Prolonged CD4+ T Cell Activation. <i>Journal of Immunology</i> , 2018, 201, 3294-3306.	0.8	39
17	A human monoclonal antibody blocks malaria transmission and defines a highly conserved neutralizing epitope on gametes. <i>Nature Communications</i> , 2021, 12, 1750.	12.8	39
18	Varied Role of Ubiquitylation in Generating MHC Class I Peptide Ligands. <i>Journal of Immunology</i> , 2017, 198, 3835-3845.	0.8	38

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19	Mg ²⁺ regulation of kinase signaling and immune function. <i>Journal of Experimental Medicine</i> , 2019, 216, 1828-1842.	8.5	37
20	Structure and function of a malaria transmission blocking vaccine targeting Pfs230 and Pfs230-Pfs48/45 proteins. <i>Communications Biology</i> , 2020, 3, 395.	4.4	37
21	Phosphoproteome Profiling of the Macrophage Response to Different Toll-Like Receptor Ligands Identifies Differences in Global Phosphorylation Dynamics. <i>Journal of Proteome Research</i> , 2014, 13, 5185-5197.	3.7	35
22	The Hedgehog Signaling Pathway Emerges as a Pathogenic Target. <i>Journal of Developmental Biology</i> , 2017, 5, 14.	1.7	34
23	Emergence of Polyfunctional Cytotoxic CD4 ⁺ T Cells in <i>Mycobacterium avium</i> Immune Reconstitution Inflammatory Syndrome in Human Immunodeficiency Virus-Infected Patients. <i>Clinical Infectious Diseases</i> , 2018, 67, 437-446.	5.8	28
24	Critical Signaling Events in the Mechanoactivation of Human Mast Cells through p.C492Y-ADGRE2. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2210-2220.e5.	0.7	23
25	Novel signal transducer and activator of transcription 1 mutation disrupts small ubiquitin-related modifier conjugation causing gain of function. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1844-1853.e2.	2.9	18
26	Multicolor Stimulated Emission Depletion (STED) Microscopy to Generate High-resolution Images of Respiratory Syncytial Virus Particles and Infected Cells. <i>Bio-protocol</i> , 2017, 7, .	0.4	15
27	Influenza NS1 directly modulates Hedgehog signaling during infection. <i>PLoS Pathogens</i> , 2017, 13, e1006588.	4.7	14
28	Eosinophils Do Not Drive Acute Muscle Pathology in the mdx Mouse Model of Duchenne Muscular Dystrophy. <i>Journal of Immunology</i> , 2019, 203, 476-484.	0.8	14
29	Extracellular Acidity Reprograms Macrophage Metabolism and Innate Responsiveness. <i>Journal of Immunology</i> , 2021, 206, 3021-3031.	0.8	4
30	Luminal microvesicles uniquely influence translocating bacteria after SIV infection. <i>Mucosal Immunology</i> , 2021, 14, 937-948.	6.0	3
31	High-Resolution Multicolor Imaging of Mitochondria in Lymphocytes. <i>Methods in Molecular Biology</i> , 2021, 2304, 131-145.	0.9	0