Parimal Samir

List of Publications by Year
in descending order

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38 papers	2,974 citations	430874 18 h-index	361022 35 g-index
42 all docs	42 docs citations	42 times ranked	3720 citing authors

#	Article	IF	Citations
1	Synergism of TNF-Î± and IFN-Î³ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. Cell, 2021, 184, 149-168.e17.	28.9	923
2	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. Nature, 2019, 573, 590-594.	27.8	262
3	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). Frontiers in Cellular and Infection Microbiology, 2020, 10, 237.	3.9	235
4	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). Frontiers in Cellular and Infection Microbiology, 2020, 10, 238.	3.9	201
5	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activityâ€“independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. Journal of Experimental Medicine, 2020, 217, .	8.5	178
6	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. Cell Reports, 2021, 37, 109858.	6.4	157
7	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. Cell, 2018, 173, 920-933.e13.	28.9	142
8	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. Journal of Experimental Medicine, 2017, 214, 2217-2229.	8.5	126
9	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. JCI Insight, 2020, 5, .	5.0	125
10	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. ImmunoHorizons, 2021, 5, 568-580.	1.8	88
11	A Cell-Based Systems Biology Assessment of Human Blood to Monitor Immune Responses after Influenza Vaccination. PLoS ONE, 2015, 10, e0118528.	2.5	79
12	Galactosaminogalactan activates the inflammasome to provide host protection. Nature, 2020, 588, 688-692.	27.8	78
13	Cell-Based Systems Biology Analysis of Human AS03-Adjuvanted H5N1 Avian Influenza Vaccine Responses: A Phase I Randomized Controlled Trial. PLoS ONE, 2017, 12, e0167488.	2.5	48
14	Analyzing the Cryptome: Uncovering Secret Sequences. AAPS Journal, 2011, 13, 152-158.	4.4	40
15	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. Journal of Biological Chemistry, 2021, 296, 100579.	3.4	35
16	Saccharomyces cerevisiae Gis2 interacts with the translation machinery and is orthogonal to myotonic dystrophy type 2 protein ZNF9. Biochemical and Biophysical Research Communications, 2011, 406, 13-19.	2.1	34
17	Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. Proteomics, 2018, 18, e1800217.	2.2	29
18	Cutting Edge: Dysregulated CARD9 Signaling in Neutrophils Drives Inflammation in a Mouse Model of Neutrophilic Dermatoses. Journal of Immunology, 2018, 201, 1639-1644.	0.8	21

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19	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. American Journal of Pathology, 2018, 188, 1021-1030.	3.8	17
20	Interferon inducible GBPs restrict Burkholderia thailandensisÂmotility induced cell-cell fusion. PLoS Pathogens, 2020, 16, e1008364.	4.7	15
21	The Yeast Eukaryotic Translation Initiation Factor 2B Translation Initiation Complex Interacts with the Fatty Acid Synthesis Enzyme YBR159W and Endoplasmic Reticulum Membranes. Molecular and Cellular Biology, 2013, 33, 1041-1056.	2.3	13
22	Hidden Aspects of Valency in Immune System Regulation. Trends in Immunology, 2019, 40, 1082-1094.	6.8	13
23	DDX3X Sits at the Crossroads of Liquidâ€“Liquid and Prionoid Phase Transitions Arbitrating Life and Death Cell Fate Decisions in Stressed Cells. DNA and Cell Biology, 2020, 39, 1091-1095.	1.9	12
24	A Novel Algorithm for Validating Peptide Identification from a Shotgun Proteomics Search Engine. Journal of Proteome Research, 2013, 12, 1108-1119.	3.7	11
25	Environmental Interactions and Epistasis Are Revealed in the Proteomic Responses to Complex Stimuli. PLoS ONE, 2015, 10, e0134099.	2.5	11
26	DEAD/H-Box Helicases in Immunity, Inflammation, Cell Differentiation, and Cell Death and Disease. Cells, 2022, 11, 1608.	4.1	11
27	Sculpting MHC class IIâ€“restricted self and nonâ€self peptidome by the class I Agâ€processing machinery and its impact on Thâ€cell responses. European Journal of Immunology, 2013, 43, 1162-1172.	2.9	8
28	A Timeâ€Resolved Cryoâ€EM Study of Saccharomyces cerevisiae 80S Ribosome Protein Composition in Response to a Change in Carbon Source. Proteomics, 2021, 21, 2000125.	2.2	7
29	Multiple Kernel Fuzzy SVM-Based Data Fusion for Improving Peptide Identification. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2016, 13, 804-809.	3.0	6
30	Proteomics show antigen presentation processes in human immune cells after AS03â€H5N1 vaccination. Proteomics, 2017, 17, 1600453.	2.2	6
31	Critical Role for Saccharomyces cerevisiae Asc1p in Translational Initiation at Elevated Temperatures. Proteomics, 2018, 18, e1800208.	2.2	4
32	Food for Trainingâ€”Western Diet and Inflammatory Memory. Cell Metabolism, 2018, 27, 481-482.	16.2	3
33	Targeted Identification of Protein Interactions in Eukaryotic mRNA Translation. Proteomics, 2020, 20, 1900177.	2.2	2
34	TLR and IKK Complexâ€“Mediated Innate Immune Signaling Inhibits Stress Granule Assembly. Journal of Immunology, 2021, 207, 115-124.	0.8	2
35	Integrated stress response restricts macrophage necroptosis. Life Science Alliance, 2022, 5, e202101260.	2.8	2
36	Front Cover: Proteomics show antigen presentation processes in human immune cells after AS03â€H5N1 vaccination. Proteomics, 2017, 17, 1770101.	2.2	0

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37	Front Cover: Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. Proteomics, 2018, 18, 1870181.	2.2	0
38	Systems Biology of Vaccination for AS03-adjuvanted H5N1 Avian Influenza in Humans. Open Forum Infectious Diseases, 2015, 2, .	0.9	0