

# Parimal Samir

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Integrated stress response restricts macrophage necroptosis. <i>Life Science Alliance</i> , 2022, 5, e202101260.	2.8	2
2	DEAD/H-Box Helicases in Immunity, Inflammation, Cell Differentiation, and Cell Death and Disease. <i>Cells</i> , 2022, 11, 1608.	4.1	11
3	A Time-Resolved Cryo-EM Study of <i>Saccharomyces cerevisiae</i> 80S Ribosome Protein Composition in Response to a Change in Carbon Source. <i>Proteomics</i> , 2021, 21, 2000125.	2.2	7
4	Synergism of TNF- $\alpha$ and IFN- $\gamma$ Triggers Inflammatory Cell Death, Tissue Damage, and Mortality in SARS-CoV-2 Infection and Cytokine Shock Syndromes. <i>Cell</i> , 2021, 184, 149-168.e17.	28.9	923
5	DDX3X coordinates host defense against influenza virus by activating the NLRP3 inflammasome and type I interferon response. <i>Journal of Biological Chemistry</i> , 2021, 296, 100579.	3.4	35
6	TLR and IKK Complex-Mediated Innate Immune Signaling Inhibits Stress Granule Assembly. <i>Journal of Immunology</i> , 2021, 207, 115-124.	0.8	2
7	Inflammatory Cell Death, PANoptosis, Mediated by Cytokines in Diverse Cancer Lineages Inhibits Tumor Growth. <i>ImmunoHorizons</i> , 2021, 5, 568-580.	1.8	88
8	ADAR1 restricts ZBP1-mediated immune response and PANoptosis to promote tumorigenesis. <i>Cell Reports</i> , 2021, 37, 109858.	6.4	157
9	Galactosaminogalactan activates the inflammasome to provide host protection. <i>Nature</i> , 2020, 588, 688-692.	27.8	78
10	Innate immune priming in the absence of TAK1 drives RIPK1 kinase activity-independent pyroptosis, apoptosis, necroptosis, and inflammatory disease. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	178
11	DDX3X Sits at the Crossroads of Liquid-Liquid and Prionoid Phase Transitions Arbitrating Life and Death Cell Fate Decisions in Stressed Cells. <i>DNA and Cell Biology</i> , 2020, 39, 1091-1095.	1.9	12
12	The PANoptosome: A Deadly Protein Complex Driving Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 238.	3.9	201
13	Interferon inducible GBPs restrict <i>Burkholderia thailandensis</i> motility induced cell-cell fusion. <i>PLoS Pathogens</i> , 2020, 16, e1008364.	4.7	15
14	Targeted Identification of Protein Interactions in Eukaryotic mRNA Translation. <i>Proteomics</i> , 2020, 20, 1900177.	2.2	2
15	Identification of the PANoptosome: A Molecular Platform Triggering Pyroptosis, Apoptosis, and Necroptosis (PANoptosis). <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 237.	3.9	235
16	Interferon regulatory factor 1 regulates PANoptosis to prevent colorectal cancer. <i>JCI Insight</i> , 2020, 5, .	5.0	125
17	DDX3X acts as a live-or-die checkpoint in stressed cells by regulating NLRP3 inflammasome. <i>Nature</i> , 2019, 573, 590-594.	27.8	262
18	Hidden Aspects of Valency in Immune System Regulation. <i>Trends in Immunology</i> , 2019, 40, 1082-1094.	6.8	13

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19	Food for Trainingâ€™Western Diet and Inflammatory Memory. <i>Cell Metabolism</i> , 2018, 27, 481-482.	16.2	3
20	ASK Family Kinases Are Required for Optimal NLRP3 Inflammasome Priming. <i>American Journal of Pathology</i> , 2018, 188, 1021-1030.	3.8	17
21	IRF8 Regulates Transcription of Naips for NLRC4 Inflammasome Activation. <i>Cell</i> , 2018, 173, 920-933.e13.	28.9	142
22	Critical Role for <i>Saccharomyces cerevisiae</i> Asc1p in Translational Initiation at Elevated Temperatures. <i>Proteomics</i> , 2018, 18, e1800208.	2.2	4
23	Front Cover: Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. <i>Proteomics</i> , 2018, 18, 1870181.	2.2	0
24	Identification of Changing Ribosome Protein Compositions using Mass Spectrometry. <i>Proteomics</i> , 2018, 18, e1800217.	2.2	29
25	Cutting Edge: Dysregulated CARD9 Signaling in Neutrophils Drives Inflammation in a Mouse Model of Neutrophilic Dermatoses. <i>Journal of Immunology</i> , 2018, 201, 1639-1644.	0.8	21
26	Proteomics show antigen presentation processes in human immune cells after AS03â€™H5N1 vaccination. <i>Proteomics</i> , 2017, 17, 1600453.	2.2	6
27	Front Cover: Proteomics show antigen presentation processes in human immune cells after AS03â€™H5N1 vaccination. <i>Proteomics</i> , 2017, 17, 1770101.	2.2	0
28	ZBP1/DAI ubiquitination and sensing of influenza vRNPs activate programmed cell death. <i>Journal of Experimental Medicine</i> , 2017, 214, 2217-2229.	8.5	126
29	Cell-Based Systems Biology Analysis of Human AS03-Adjuvanted H5N1 Avian Influenza Vaccine Responses: A Phase I Randomized Controlled Trial. <i>PLoS ONE</i> , 2017, 12, e0167488.	2.5	48
30	Multiple Kernel Fuzzy SVM-Based Data Fusion for Improving Peptide Identification. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2016, 13, 804-809.	3.0	6
31	Environmental Interactions and Epistasis Are Revealed in the Proteomic Responses to Complex Stimuli. <i>PLoS ONE</i> , 2015, 10, e0134099.	2.5	11
32	A Cell-Based Systems Biology Assessment of Human Blood to Monitor Immune Responses after Influenza Vaccination. <i>PLoS ONE</i> , 2015, 10, e0118528.	2.5	79
33	Systems Biology of Vaccination for AS03-adjuvanted H5N1 Avian Influenza in Humans. <i>Open Forum Infectious Diseases</i> , 2015, 2, .	0.9	0
34	A Novel Algorithm for Validating Peptide Identification from a Shotgun Proteomics Search Engine. <i>Journal of Proteome Research</i> , 2013, 12, 1108-1119.	3.7	11
35	Sculpting MHC class IIâ€™restricted self and nonâ€™self peptidome by the class I Agâ€™processing machinery and its impact on Thâ€™cell responses. <i>European Journal of Immunology</i> , 2013, 43, 1162-1172.	2.9	8
36	The Yeast Eukaryotic Translation Initiation Factor 2B Translation Initiation Complex Interacts with the Fatty Acid Synthesis Enzyme YBR159W and Endoplasmic Reticulum Membranes. <i>Molecular and Cellular Biology</i> , 2013, 33, 1041-1056.	2.3	13

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37	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
38	Analyzing the Cryptome: Uncovering Secret Sequences. AAPS Journal, 2011, 13, 152-158.	4.4	40