

Paras K Anand

List of Publications by Year in descending order

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30
papers

2,697
citations

304743

22
h-index

454955

30
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75
all docs

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docs citations

75
times ranked

4463
citing authors

#	ARTICLE	IF	CITATIONS
1	FADD and Caspase-8 Mediate Priming and Activation of the Canonical and Noncanonical Nlrp3 Inflammasomes. <i>Journal of Immunology</i> , 2014, 192, 1835-1846.	0.8	429
2	The NOD-Like Receptor NLRP12 Attenuates Colon Inflammation and Tumorigenesis. <i>Cancer Cell</i> , 2011, 20, 649-660.	16.8	343
3	NLRP6 negatively regulates innate immunity and host defence against bacterial pathogens. <i>Nature</i> , 2012, 488, 389-393.	27.8	328
4	Receptor interacting protein kinase 2-mediated mitophagy regulates inflammasome activation during virus infection. <i>Nature Immunology</i> , 2013, 14, 480-488.	14.5	320
5	Toll or Interleukin-1 Receptor (TIR) Domain-containing Adaptor Inducing Interferon- β (TRIF)-mediated Caspase-11 Protease Production Integrates Toll-like Receptor 4 (TLR4) Protein- and Nlrp3 Inflammasome-mediated Host Defense against Enteropathogens. <i>Journal of Biological Chemistry</i> , 2012, 287, 34474-34483.	3.4	211
6	TLR2 and RIP2 Pathways Mediate Autophagy of <i>Listeria monocytogenes</i> via Extracellular Signal-regulated Kinase (ERK) Activation. <i>Journal of Biological Chemistry</i> , 2011, 286, 42981-42991.	3.4	119
7	Exosomal Hsp70 Induces a Pro-Inflammatory Response to Foreign Particles Including Mycobacteria. <i>PLoS ONE</i> , 2010, 5, e10136.	2.5	104
8	Role of the Nlrp3 Inflammasome in Microbial Infection. <i>Frontiers in Microbiology</i> , 2011, 2, 12.	3.5	87
9	Reactive Oxygen Species Regulate Caspase-11 Expression and Activation of the Non-canonical NLRP3 Inflammasome during Enteric Pathogen Infection. <i>PLoS Pathogens</i> , 2014, 10, e1004410.	4.7	79
10	Green tea polyphenol inhibits <i>Mycobacterium tuberculosis</i> survival within human macrophages. <i>International Journal of Biochemistry and Cell Biology</i> , 2006, 38, 600-609.	2.8	72
11	Exosomal membrane molecules are potent immune response modulators. <i>Communicative and Integrative Biology</i> , 2010, 3, 405-408.	1.4	63
12	Trafficking of cholesterol to the ER is required for NLRP3 inflammasome activation. <i>Journal of Cell Biology</i> , 2018, 217, 3560-3576.	5.2	60
13	Lipids, inflammasomes, metabolism, and disease. <i>Immunological Reviews</i> , 2020, 297, 108-122.	6.0	60
14	Vitamin D3-dependent pathway regulates TACO gene transcription. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 876-877.	2.1	47
15	Lipids regulate P2X7-receptor-dependent actin assembly by phagosomes via ADP translocation and ATP synthesis in the phagosome lumen. <i>Journal of Cell Science</i> , 2009, 122, 499-504.	2.0	44
16	Downregulation of TACO gene transcription restricts mycobacterial entry/survival within human macrophages. <i>FEMS Microbiology Letters</i> , 2005, 250, 137-144.	1.8	41
17	NLRP6 in infection and inflammation. <i>Microbes and Infection</i> , 2013, 15, 661-668.	1.9	39
18	Right place, right time: localisation and assembly of the NLRP3 inflammasome. <i>F1000Research</i> , 2019, 8, 676.	1.6	37

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19	Synergistic action of vitamin D and retinoic acid restricts invasion of macrophages by pathogenic mycobacteria. <i>Journal of Microbiology, Immunology and Infection</i> , 2008, 41, 17-25.	3.1	35
20	Immunity to uropathogens: the emerging roles of inflammasomes. <i>Nature Reviews Urology</i> , 2017, 14, 284-295.	3.8	34
21	Sphingosine-1-phosphate receptors stimulate macrophage plasma-membrane actin assembly via ADP release, ATP synthesis and P2X7R activation. <i>Journal of Cell Science</i> , 2009, 122, 505-512.	2.0	30
22	Initial receptor-ligand interactions modulate gene expression and phagosomal properties during both early and late stages of phagocytosis. <i>European Journal of Cell Biology</i> , 2010, 89, 693-704.	3.6	25
23	Autophagy Modulates <i>Borrelia burgdorferi</i> -induced Production of Interleukin-1 β (IL-1 β). <i>Journal of Biological Chemistry</i> , 2013, 288, 8658-8666.	3.4	21
24	Integrating Inflammasome Signaling in Sexually Transmitted Infections. <i>Trends in Immunology</i> , 2016, 37, 703-714.	6.8	20
25	Functional genomics of PPAR- β in human immunomodulatory cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 290, 211-215.	3.1	11
26	Targeting NLRP6 to enhance immunity against bacterial infections. <i>Future Microbiology</i> , 2012, 7, 1239-1242.	2.0	11
27	Cardiac glycosides cause cytotoxicity in human macrophages and ameliorate white adipose tissue homeostasis. <i>British Journal of Pharmacology</i> , 2022, 179, 1874-1886.	5.4	9
28	Common Differences: The Ability of Inflammasomes to Distinguish Between Self and Pathogen Nucleic Acids During Infection. <i>International Review of Cell and Molecular Biology</i> , 2019, 344, 139-172.	3.2	8
29	Editorial: Role of NOD-Like Receptors in Infectious and Immunological Diseases. <i>Frontiers in Immunology</i> , 2020, 11, 923.	4.8	8
30	Adapt(ed) to repair α TH2 immune responses in the bladder promote recurrent infections. <i>Nature Immunology</i> , 2020, 21, 597-599.	14.5	2