

Tom P Monie

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

2,632
citations

218381

26
h-index

243296

44
g-index

49
all docs

49
docs citations

49
times ranked

5123
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome activation causes dual recruitment of NLRC4 and NLRP3 to the same macromolecular complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7403-7408.	3.3	285
2	<i>Salmonella</i> Infection Induces Recruitment of Caspase-8 to the Inflammasome To Modulate IL-1 β Production. <i>Journal of Immunology</i> , 2013, 191, 5239-5246.	0.4	206
3	A Dimer of the Toll-Like Receptor 4 Cytoplasmic Domain Provides a Specific Scaffold for the Recruitment of Signalling Adaptor Proteins. <i>PLoS ONE</i> , 2007, 2, e788.	1.1	166
4	THE CONCISE GUIDE TO PHARMACOLOGY 2019/20: Catalytic receptors. <i>British Journal of Pharmacology</i> , 2019, 176, S247-S296.	2.7	156
5	THE CONCISE GUIDE TO PHARMACOLOGY 2021/22: Catalytic receptors. <i>British Journal of Pharmacology</i> , 2021, 178, S264-S312.	2.7	148
6	Pathogen Sensing by Nucleotide-binding Oligomerization Domain-containing Protein 2 (NOD2) Is Mediated by Direct Binding to Muramyl Dipeptide and ATP. <i>Journal of Biological Chemistry</i> , 2012, 287, 23057-23067.	1.6	136
7	Elucidation of the MD-2/TLR4 Interface Required for Signaling by Lipid IVA. <i>Journal of Immunology</i> , 2008, 181, 1245-1254.	0.4	134
8	Viral Inhibitory Peptide of TLR4, a Peptide Derived from Vaccinia Protein A46, Specifically Inhibits TLR4 by Directly Targeting MyD88 Adaptor-Like and TRIF-Related Adaptor Molecule. <i>Journal of Immunology</i> , 2010, 185, 4261-4271.	0.4	125
9	A peptide motif in Raver1 mediates splicing repression by interaction with the PTB RRM2 domain. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 839-848.	3.6	92
10	Structural insights into the transcriptional and translational roles of Ebp1. <i>EMBO Journal</i> , 2007, 26, 3936-3944.	3.5	88
11	Structure and RNA Interactions of the N-Terminal RRM Domains of PTB. <i>Structure</i> , 2004, 12, 1631-1643.	1.6	87
12	Activating immunity: lessons from the TLRs and NLRs. <i>Trends in Biochemical Sciences</i> , 2009, 34, 553-561.	3.7	86
13	Allergens as Immunomodulatory Proteins: The Cat Dander Protein Fel d 1 Enhances TLR Activation by Lipid Ligands. <i>Journal of Immunology</i> , 2013, 191, 1529-1535.	0.4	85
14	Insights into the molecular basis of the NOD2 signalling pathway. <i>Open Biology</i> , 2014, 4, 140178.	1.5	85
15	Mice, men and the relatives: cross-species studies underpin innate immunity. <i>Open Biology</i> , 2012, 2, 120015.	1.5	74
16	Conformation of Polypyrimidine Tract Binding Protein in Solution. <i>Structure</i> , 2006, 14, 1021-1027.	1.6	60
17	Caspase-8 functions as a key mediator of inflammation and pro-IL-1 β processing via both canonical and non-canonical pathways. <i>Immunological Reviews</i> , 2015, 265, 181-193.	2.8	55
18	TRIL, a Functional Component of the TLR4 Signaling Complex, Highly Expressed in Brain. <i>Journal of Immunology</i> , 2009, 183, 3989-3995.	0.4	48

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19	Identification of LukPQ, a novel, equid-adapted leukocidin of <i>Staphylococcus aureus</i> . <i>Scientific Reports</i> , 2017, 7, 40660.	1.6	47
20	International Union of Basic and Clinical Pharmacology. XCVI. Pattern Recognition Receptors in Health and Disease. <i>Pharmacological Reviews</i> , 2015, 67, 462-504.	7.1	41
21	Comparative Genomic and Sequence Analysis Provides Insight into the Molecular Functionality of NOD1 and NOD2. <i>Frontiers in Immunology</i> , 2013, 4, 317.	2.2	38
22	The polypyrimidine tract binding protein is a monomer. <i>Rna</i> , 2005, 11, 1803-1808.	1.6	35
23	NLR activation takes a direct route. <i>Trends in Biochemical Sciences</i> , 2013, 38, 131-139.	3.7	33
24	Structure and regulation of cytoplasmic adapter proteins involved in innate immune signaling. <i>Immunological Reviews</i> , 2009, 227, 161-175.	2.8	31
25	Blau syndrome polymorphisms in NOD2 identify nucleotide hydrolysis and helical domain 1 as signalling regulators. <i>FEBS Letters</i> , 2014, 588, 3382-3389.	1.3	30
26	Intestinal APCs of the endogenous nanomineral pathway fail to express PD-L1 in Crohn's disease. <i>Scientific Reports</i> , 2016, 6, 26747.	1.6	30
27	CARD9 negatively regulates NLRP3-induced IL-1 β production on <i>Salmonella</i> infection of macrophages. <i>Nature Communications</i> , 2016, 7, 12874.	5.8	28
28	The immunoglobulin domain of the sodium channel β 3 subunit contains a surface-localized disulfide bond that is required for homophilic binding. <i>FASEB Journal</i> , 2013, 27, 568-580.	0.2	27
29	Engagement of Nucleotide-binding Oligomerization Domain-containing Protein 1 (NOD1) by Receptor-interacting Protein 2 (RIP2) Is Insufficient for Signal Transduction. <i>Journal of Biological Chemistry</i> , 2014, 289, 22900-22914.	1.6	25
30	Dynamic phosphorylation of RelA on Ser42 and Ser45 in response to TNF α stimulation regulates DNA binding and transcription. <i>Open Biology</i> , 2016, 6, 160055.	1.5	19
31	Interaction between NOD2 and CARD9 involves the NOD2 NACHT and the linker region between the NOD2 CARDs and NACHT domain. <i>FEBS Letters</i> , 2014, 588, 2830-2836.	1.3	17
32	Ultrasmall silica nanoparticles directly ligate the T cell receptor complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 285-291.	3.3	17
33	The N-Terminal Region of the Human Autophagy Protein ATG16L1 Contains a Domain That Folds into a Helical Structure Consistent with Formation of a Coiled-Coil. <i>PLoS ONE</i> , 2013, 8, e76237.	1.1	15
34	The Canonical Inflammasome: A Macromolecular Complex Driving Inflammation. <i>Sub-Cellular Biochemistry</i> , 2017, 83, 43-73.	1.0	15
35	Innate Immune Sensors and Gastrointestinal Bacterial Infections. <i>Clinical and Developmental Immunology</i> , 2011, 2011, 1-11.	3.3	14
36	A Novel Mutation in Helical Domain 2 of <i>NOD2</i> in Sporadic Blau Syndrome. <i>Ocular Immunology and Inflammation</i> , 2018, 26, 292-294.	1.0	9

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37	Cell Swelling and the NLRP3 Inflammasome. <i>Immunity</i> , 2013, 38, 399.	6.6	8
38	Dysfunctional Crohn's Disease-Associated NOD2 Polymorphisms Cannot be Reliably Predicted on the Basis of RIPK2 Binding or Membrane Association. <i>Frontiers in Immunology</i> , 2015, 6, 521.	2.2	8
39	Computational analysis predicts the Kaposi's sarcoma-associated herpesvirus tegument protein ORF63 to be alpha helical. <i>Proteins: Structure, Function and Bioinformatics</i> , 2012, 80, 2063-2070.	1.5	7
40	Polymorphisms at Amino Acid Residues 141 and 154 Influence Conformational Variation in Ovine PrP. <i>BioMed Research International</i> , 2014, 2014, 1-14.	0.9	6
41	Allergens and Activation of the Toll-Like Receptor Response. <i>Methods in Molecular Biology</i> , 2016, 1390, 341-350.	0.4	5
42	Bioinformatic Analysis of Toll-Like Receptor Sequences and Structures. <i>Methods in Molecular Biology</i> , 2009, 517, 69-79.	0.4	4
43	Bioinformatic Analysis of Toll-Like Receptor Sequences and Structures. <i>Methods in Molecular Biology</i> , 2016, 1390, 29-39.	0.4	3
44	The Innate Immune System in Health and Disease. , 2017, , 189-207.		2
45	Pattern recognition receptors (version 2019.4) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2019, 2019, .	0.2	2
46	The nucleotide-binding oligomerization domain-containing protein 1 (NOD1) polymorphism S7N does not affect receptor function. <i>BMC Research Notes</i> , 2014, 7, 124.	0.6	0
47	Immune Cells and the Process of Pattern Recognition. , 2017, , 41-82.		0
48	Integrated Innate Immunity's Combining Activation and Effector Functions. , 2017, , 121-169.		0
49	Pattern recognition receptors in GtoPdb v.2021.3. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2021, 2021, .	0.2	0