

Subhankar Mukhopadhyay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53
papers

2,781
citations

27
h-index

52
g-index

57
ext. papers

3,304
ext. citations

9.2
avg, IF

4.88
L-index

#	Paper	IF	Citations
53	Differentiation of Human Induced Pluripotent Stem Cell into Macrophages.. <i>Bio-protocol</i> , 2022 , 12, e4361.9	1.9	1
52	Lipid-loaded tumor-associated macrophages sustain tumor growth and invasiveness in prostate cancer.. <i>Journal of Experimental Medicine</i> , 2022 , 219,	16.6	6
51	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance.. <i>Nature Metabolism</i> , 2022 , 4, 476-494	14.6	1
50	Adipoclast: a multinucleated fat-eating macrophage. <i>BMC Biology</i> , 2021 , 19, 246	7.3	2
49	The Rab32/BLOC-3-dependent pathway mediates host defense against different pathogens in human macrophages. <i>Science Advances</i> , 2021 , 7,	14.3	9
48	Plasma membrane receptors of tissue macrophages: functions and role in pathology. <i>Journal of Pathology</i> , 2020 , 250, 656-666	9.4	8
47	Loss of IL-10 signaling in macrophages limits bacterial killing driven by prostaglandin E2. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	23
46	GPR35 promotes glycolysis, proliferation, and oncogenic signaling by engaging with the sodium potassium pump. <i>Science Signaling</i> , 2019 , 12,	8.8	29
45	Shared genetic effects on chromatin and gene expression indicate a role for enhancer priming in immune response. <i>Nature Genetics</i> , 2018 , 50, 424-431	36.3	137
44	Interleukin-22 promotes phagolysosomal fusion to induce protection against Typhimurium in human epithelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 10118-10123	11.5	25
43	Alpha kinase 1 controls intestinal inflammation by suppressing the IL-12/Th1 axis. <i>Nature Communications</i> , 2018 , 9, 3797	17.4	24
42	New Variant of Multidrug-Resistant Serovar Typhimurium Associated with Invasive Disease in Immunocompromised Patients in Vietnam. <i>MBio</i> , 2018 , 9,	7.8	26
41	A Simple Multistep Protocol for Differentiating Human Induced Pluripotent Stem Cells into Functional Macrophages. <i>Methods in Molecular Biology</i> , 2018 , 1784, 13-28	1.4	15
40	Eros is a novel transmembrane protein that controls the phagocyte respiratory burst and is essential for innate immunity. <i>Journal of Experimental Medicine</i> , 2017 , 214, 1111-1128	16.6	32
39	⌘ Integrins combine with LC3 and atg5 to regulate Toll-like receptor signalling in B cells. <i>Nature Communications</i> , 2016 , 7, 10917	17.4	35
38	Infection Susceptibility in Gastric Intrinsic Factor (Vitamin B12)-Defective Mice Is Subject to Maternal Influences. <i>MBio</i> , 2016 , 7,	7.8	4
37	Tle1 tumor suppressor negatively regulates inflammation in vivo and modulates NF- κ B inflammatory pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 1871-6	11.5	43

36	Interferon-driven alterations of the host's amino acid metabolism in the pathogenesis of typhoid fever. <i>Journal of Experimental Medicine</i> , 2016 , 213, 1061-77	16.6	28
35	C13orf31 (FAMIN) is a central regulator of immunometabolic function. <i>Nature Immunology</i> , 2016 , 17, 1046-56	19.1	87
34	Conditional-ready mouse embryonic stem cell derived macrophages enable the study of essential genes in macrophage function. <i>Scientific Reports</i> , 2015 , 5, 8908	4.9	15
33	Interaction of Salmonella enterica Serovar Typhimurium with Intestinal Organoids Derived from Human Induced Pluripotent Stem Cells. <i>Infection and Immunity</i> , 2015 , 83, 2926-34	3.7	182
32	Transcriptional profiling of macrophages derived from monocytes and iPS cells identifies a conserved response to LPS and novel alternative transcription. <i>Scientific Reports</i> , 2015 , 5, 12524	4.9	61
31	Induced pluripotent stem cell derived macrophages as a cellular system to study salmonella and other pathogens. <i>PLoS ONE</i> , 2015 , 10, e0124307	3.7	41
30	Sinusoidal immunity: macrophages at the lymphohematopoietic interface. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 7, a016378	10.2	24
29	Formation of distinct chromatin conformation signatures epigenetically regulate macrophage activation. <i>International Immunopharmacology</i> , 2014 , 18, 7-11	5.8	15
28	Macrophage scavenger receptor a promotes tumor progression in murine models of ovarian and pancreatic cancer. <i>Journal of Immunology</i> , 2013 , 190, 3798-805	5.3	83
27	An apolipoprotein A-I mimetic targets scavenger receptor A on tumor-associated macrophages: A prospective anticancer treatment?. <i>Oncotarget</i> , 2013 , 2, e24461	7.2	19
26	O-25 Loss of Reciprocal Regulation of Innate and Adaptive Immunity Causes Colitis in Alpha(V) Integrin-Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, S11	4.5	
25	P-250 Loss of Reciprocal Regulation of Innate and Adaptive Immunity Causes Colitis in Alpha(V) Integrin-Deficient Mice. <i>Inflammatory Bowel Diseases</i> , 2012 , 18, S110	4.5	
24	TLE1 Null Mice Have Altered Myeloid and B-Cell Differentiation As Well As Impaired Regulation of Inflammation. <i>Blood</i> , 2012 , 120, 1197-1197	2.2	1
23	Tumor necrosis factor α inhibits expression of the iron regulating hormone hepcidin in murine models of innate colitis. <i>PLoS ONE</i> , 2012 , 7, e38136	3.7	27
22	Preferential expression of integrin α B promotes generation of regulatory T cells by mouse CD103+ dendritic cells. <i>Gastroenterology</i> , 2011 , 141, 1813-20	13.3	87
21	The role of myeloid receptors on murine plasmacytoid dendritic cells in induction of type I interferon. <i>International Immunopharmacology</i> , 2011 , 11, 794-801	5.8	12
20	Innate and adaptive immune cross-talk regulates intestinal macrophage activation and drives colitis in mice P-233.. <i>Inflammatory Bowel Diseases</i> , 2011 , 17, S81	4.5	
19	SR-A/MARCO-mediated ligand delivery enhances intracellular TLR and NLR function, but ligand scavenging from cell surface limits TLR4 response to pathogens. <i>Blood</i> , 2011 , 117, 1319-28	2.2	88

18	Innate immunity to intracellular pathogens: macrophage receptors and responses to microbial entry. <i>Immunological Reviews</i> , 2011 , 240, 11-24	11.3	111
17	Immune inhibitory ligand CD200 induction by TLRs and NLRs limits macrophage activation to protect the host from meningococcal septicemia. <i>Cell Host and Microbe</i> , 2010 , 8, 236-47	23.4	62
16	Isolation and Measuring the Function of Professional Phagocytes. <i>Methods in Microbiology</i> , 2010 , 37, 195-226	2.8	
15	Alternative activation of macrophages by IL-4 impairs phagocytosis of pathogens but potentiates microbial-induced signalling and cytokine secretion. <i>Blood</i> , 2010 , 115, 353-62	2.2	137
14	∅ Integrin expression by DCs is required for Th17 cell differentiation and development of experimental autoimmune encephalomyelitis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 4445-52	15.9	73
13	SR-A, MARCO and TLRs differentially recognise selected surface proteins from <i>Neisseria meningitidis</i> : an example of fine specificity in microbial ligand recognition by innate immune receptors. <i>Journal of Innate Immunity</i> , 2009 , 1, 153-63	6.9	34
12	MARCO, TLR2, and CD14 are required for macrophage cytokine responses to mycobacterial trehalose dimycolate and <i>Mycobacterium tuberculosis</i> . <i>PLoS Pathogens</i> , 2009 , 5, e1000474	7.6	215
11	Macrophage pattern recognition receptors in immunity, homeostasis and self tolerance. <i>Advances in Experimental Medicine and Biology</i> , 2009 , 653, 1-14	3.6	31
10	Macrophage receptors implicated in the "adaptive" form of innate immunity. <i>Microbes and Infection</i> , 2007 , 9, 1680-7	9.3	91
9	MARCO, an innate activation marker of macrophages, is a class A scavenger receptor for <i>Neisseria meningitidis</i> . <i>European Journal of Immunology</i> , 2006 , 36, 940-9	6.1	68
8	The interaction of macrophage receptors with bacterial ligands. <i>Expert Reviews in Molecular Medicine</i> , 2006 , 8, 1-25	6.7	82
7	Activation of murine macrophages by <i>Neisseria meningitidis</i> and IFN-gamma in vitro: distinct roles of class A scavenger and Toll-like pattern recognition receptors in selective modulation of surface phenotype. <i>Journal of Leukocyte Biology</i> , 2004 , 76, 577-84	6.5	42
6	The potential for Toll-like receptors to collaborate with other innate immune receptors. <i>Immunology</i> , 2004 , 112, 521-30	7.8	116
5	The role of scavenger receptors in pathogen recognition and innate immunity. <i>Immunobiology</i> , 2004 , 209, 39-49	3.4	148
4	Scavenger receptors in innate immunity. <i>Current Opinion in Immunology</i> , 2002 , 14, 123-8	7.8	370
3	Scavenger Receptors on Dendritic Cells 141-163		
2	Shared genetic effects on chromatin and gene expression reveal widespread enhancer priming in immune response		7
1	The Rab32/BLOC-3 dependent pathway mediates host- defence against different pathogens in human macrophages		3

