

Subhra K Biswas

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.

47
papers

15,596
citations

35
h-index

48
g-index

48
ext. papers

18,575
ext. citations

14.1
avg, IF

6.83
L-index

#	Paper	IF	Citations
47	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. <i>Immunity</i> , 2020 , 53, 303-318.e5	32.3	51
46	In vitro micro-physiological model of the inflamed human adipose tissue for immune-metabolic analysis in type II diabetes. <i>Scientific Reports</i> , 2019 , 9, 4887	4.9	19
45	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. <i>Nature Immunology</i> , 2019 , 20, 1012-1022	19.1	45
44	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. <i>Immunity</i> , 2018 , 48, 364-379.e8	32.3	231
43	Metabolic regulation of macrophage phenotype and function. <i>Immunological Reviews</i> , 2017 , 280, 102-111.3	11.3	89
42	Monocytes and Macrophages 2017 , 217-252		
41	New insights into the multidimensional concept of macrophage ontogeny, activation and function. <i>Nature Immunology</i> , 2016 , 17, 34-40	19.1	436
40	TLR7 and TLR9 ligands regulate antigen presentation by macrophages. <i>International Immunology</i> , 2016 , 28, 223-32	4.9	28
39	Tumor-Associated Neutrophils Show Phenotypic and Functional Divergence in Human Lung Cancer. <i>Cancer Cell</i> , 2016 , 30, 11-13	24.3	13
38	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2293-2314	16.6	66
37	Human monocytes undergo functional re-programming during sepsis mediated by hypoxia-inducible factor-1. <i>Immunity</i> , 2015 , 42, 484-98	32.3	228
36	Patrolling monocytes control tumor metastasis to the lung. <i>Science</i> , 2015 , 350, 985-90	33.3	262
35	Metabolic Reprogramming of Immune Cells in Cancer Progression. <i>Immunity</i> , 2015 , 43, 435-49	32.3	301
34	MicroRNA-mediated immune modulation as a therapeutic strategy in host-implant integration. <i>Advanced Drug Delivery Reviews</i> , 2015 , 88, 92-107	18.5	12
33	Molecular profiling reveals a tumor-promoting phenotype of monocytes and macrophages in human cancer progression. <i>Immunity</i> , 2014 , 41, 815-29	32.3	166
32	Macrophage activation and polarization: nomenclature and experimental guidelines. <i>Immunity</i> , 2014 , 41, 14-20	32.3	3249
31	Macrophages in Sepsis Progression 2014 , 315-338		3

30	Polarized Activation of Macrophages 2014 , 37-57		2
29	Tumor-associated macrophages: functional diversity, clinical significance, and open questions. <i>Seminars in Immunopathology</i> , 2013 , 35, 585-600	12	353
28	Macrophage plasticity and polarization in tissue repair and remodelling. <i>Journal of Pathology</i> , 2013 , 229, 176-85	9.4	1392
27	Basophil-macrophage dialog in allergic inflammation. <i>Immunity</i> , 2013 , 38, 408-10	32.3	5
26	A new "immunological" role for adipocytes in obesity. <i>Cell Metabolism</i> , 2013 , 17, 315-7	24.6	10
25	Protumoral role of monocytes in human B-cell precursor acute lymphoblastic leukemia: involvement of the chemokine CXCL10. <i>Blood</i> , 2012 , 119, 227-37	2.2	44
24	Impaired antigen presentation and potent phagocytic activity identifying tumor-tolerant human monocytes. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 423, 331-7	3.4	17
23	Orchestration of metabolism by macrophages. <i>Cell Metabolism</i> , 2012 , 15, 432-7	24.6	355
22	Characterization of the nature of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. <i>Journal of Leukocyte Biology</i> , 2012 , 91, 167-81	6.5	362
21	Macrophage polarization and plasticity in health and disease. <i>Immunologic Research</i> , 2012 , 53, 11-24	4.3	256
20	CD16 regulates TRIF-dependent TLR4 response in human monocytes and their subsets. <i>Journal of Immunology</i> , 2012 , 188, 3584-93	5.3	32
19	Role of MMPs in orchestrating inflammatory response in human monocytes via a TREM-1-PI3K-NF- κ B pathway. <i>Journal of Leukocyte Biology</i> , 2012 , 91, 933-45	6.5	25
18	Cancer-promoting tumor-associated macrophages: new vistas and open questions. <i>European Journal of Immunology</i> , 2011 , 41, 2522-5	6.1	162
17	Macrophage plasticity and interaction with lymphocyte subsets: cancer as a paradigm. <i>Nature Immunology</i> , 2010 , 11, 889-96	19.1	2436
16	NF- κ B as a central regulator of macrophage function in tumors. <i>Journal of Leukocyte Biology</i> , 2010 , 88, 877-84	6.5	98
15	Angiopoietin-2 regulates gene expression in TIE2-expressing monocytes and augments their inherent proangiogenic functions. <i>Cancer Research</i> , 2010 , 70, 5270-80	10.1	238
14	Macrophage polarization to a unique phenotype driven by B cells. <i>European Journal of Immunology</i> , 2010 , 40, 2296-307	6.1	126
13	Human CD14dim monocytes patrol and sense nucleic acids and viruses via TLR7 and TLR8 receptors. <i>Immunity</i> , 2010 , 33, 375-86	32.3	862

12	Potent phagocytic activity with impaired antigen presentation identifying lipopolysaccharide-tolerant human monocytes: demonstration in isolated monocytes from cystic fibrosis patients. <i>Journal of Immunology</i> , 2009 , 182, 6494-507	5.3	164
11	Endotoxin tolerance: new mechanisms, molecules and clinical significance. <i>Trends in Immunology</i> , 2009 , 30, 475-87	14.4	905
10	Regulation of macrophage function in tumors: the multifaceted role of NF-kappaB. <i>Blood</i> , 2009 , 113, 3139-46	2.2	179
9	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. <i>Blood</i> , 2009 , 114, 844-59	2.2	226
8	Plasticity of macrophage function during tumor progression: regulation by distinct molecular mechanisms. <i>Journal of Immunology</i> , 2008 , 180, 2011-7	5.3	316
7	Role for MyD88-independent, TRIF pathway in lipid A/TLR4-induced endotoxin tolerance. <i>Journal of Immunology</i> , 2007 , 179, 4083-92	5.3	87
6	Myeloid differentiation factor 88-independent Toll-like receptor pathway: Sustaining inflammation or promoting tolerance?. <i>International Journal of Biochemistry and Cell Biology</i> , 2007 , 39, 1582-92	5.6	61
5	p50 nuclear factor-kappaB overexpression in tumor-associated macrophages inhibits M1 inflammatory responses and antitumor resistance. <i>Cancer Research</i> , 2006 , 66, 11432-40	10.1	339
4	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective NF-kappaB and enhanced IRF-3/STAT1 activation). <i>Blood</i> , 2006 , 107, 2112-22	2.2	542
3	Regulation of the chemokine receptor CXCR4 by hypoxia. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1391-402	16.6	695
2	Tumor-Associated Macrophages and Dendritic Cells as Prototypic Type II Polarized Myeloid Populations. <i>Tumori</i> , 2003 , 89, 459-468	1.7	50
1	In vitro activation of murine peritoneal macrophages by monocyte chemoattractant protein-1: upregulation of CD11b, production of proinflammatory cytokines, and the signal transduction pathway. <i>Journal of Interferon and Cytokine Research</i> , 2002 , 22, 527-38	3.5	52