Subhra K Biswas

List of Publications by Citations

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	Macrophage activation and polarization: nomenclature and experimental guidelines. *Immunity*, **2014**, 41, 14-20	32.3	3249
46	Macrophage plasticity and interaction with lymphocyte subsets: cancer as a paradigm. *Nature Immunology*, **2010**, 11, 889-96	19.1	2436
45	Macrophage plasticity and polarization in tissue repair and remodelling. *Journal of Pathology*, **2013**, 229, 176-85	9.4	1392
44	Endotoxin tolerance: new mechanisms, molecules and clinical significance. *Trends in Immunology*, **2009**, 30, 475-87	14.4	905
43	Human CD14dim monocytes patrol and sense nucleic acids and viruses via TLR7 and TLR8 receptors. *Immunity*, **2010**, 33, 375-86	32.3	862
42	Regulation of the chemokine receptor CXCR4 by hypoxia. *Journal of Experimental Medicine*, **2003**, 198, 1391-402	16.6	695
41	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective NF-kappaB and enhanced IRF-3/STAT1 activation). *Blood*, **2006**, 107, 2112-22	2.2	542
40	New insights into the multidimensional concept of macrophage ontogeny, activation and function. *Nature Immunology*, **2016**, 17, 34-40	19.1	436
39	Characterization of the nature of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. *Journal of Leukocyte Biology*, **2012**, 91, 167-81	6.5	362
38	Orchestration of metabolism by macrophages. *Cell Metabolism*, **2012**, 15, 432-7	24.6	355
37	Tumor-associated macrophages: functional diversity, clinical significance, and open questions. *Seminars in Immunopathology*, **2013**, 35, 585-600	12	353
36	p50 nuclear factor-kappaB overexpression in tumor-associated macrophages inhibits M1 inflammatory responses and antitumor resistance. *Cancer Research*, **2006**, 66, 11432-40	10.1	339
35	Plasticity of macrophage function during tumor progression: regulation by distinct molecular mechanisms. *Journal of Immunology*, **2008**, 180, 2011-7	5.3	316
34	Metabolic Reprogramming of Immune Cells in Cancer Progression. *Immunity*, **2015**, 43, 435-49	32.3	301
33	Patrolling monocytes control tumor metastasis to the lung. *Science*, **2015**, 350, 985-90	33.3	262
32	Macrophage polarization and plasticity in health and disease. *Immunologic Research*, **2012**, 53, 11-24	4.3	256
31	Angiopoietin-2 regulates gene expression in TIE2-expressing monocytes and augments their inherent proangiogenic functions. *Cancer Research*, **2010**, 70, 5270-80	10.1	238

30	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. *Immunity*, **2018**, 48, 364-379.e8	32.3	231
29	Human monocytes undergo functional re-programming during sepsis mediated by hypoxia-inducible factor-1. *Immunity*, **2015**, 42, 484-98	32.3	228
28	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. *Blood*, **2009**, 114, 844-59	2.2	226
27	Regulation of macrophage function in tumors: the multifaceted role of NF-kappaB. *Blood*, **2009**, 113, 3139-46	2.2	179
26	Molecular profiling reveals a tumor-promoting phenotype of monocytes and macrophages in human cancer progression. *Immunity*, **2014**, 41, 815-29	32.3	166
25	Potent phagocytic activity with impaired antigen presentation identifying lipopolysaccharide-tolerant human monocytes: demonstration in isolated monocytes from cystic fibrosis patients. *Journal of Immunology*, **2009**, 182, 6494-507	5.3	164
24	Cancer-promoting tumor-associated macrophages: new vistas and open questions. *European Journal of Immunology*, **2011**, 41, 2522-5	6.1	162
23	Macrophage polarization to a unique phenotype driven by B cells. *European Journal of Immunology*, **2010**, 40, 2296-307	6.1	126
22	NF-B as a central regulator of macrophage function in tumors. *Journal of Leukocyte Biology*, **2010**, 88, 877-84	6.5	98
21	Metabolic regulation of macrophage phenotype and function. *Immunological Reviews*, **2017**, 280, 102-111	11.3	89
20	Role for MyD88-independent, TRIF pathway in lipid A/TLR4-induced endotoxin tolerance. *Journal of Immunology*, **2007**, 179, 4083-92	5.3	87
19	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. *Journal of Experimental Medicine*, **2016**, 213, 2293-2314	16.6	66
18	Myeloid differentiation factor 88-independent Toll-like receptor pathway: Sustaining inflammation or promoting tolerance?. *International Journal of Biochemistry and Cell Biology*, **2007**, 39, 1582-92	5.6	61
17	In vitro activation of murine peritoneal macrophages by monocyte chemoattractant protein-1: upregulation of CD11b, production of proinflammatory cytokines, and the signal transduction pathway. *Journal of Interferon and Cytokine Research*, **2002**, 22, 527-38	3.5	52
16	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. *Immunity*, **2020**, 53, 303-318.e5	32.3	51
15	Tumor-Associated Macrophages and Dendritic Cells as Prototypic Type II Polarized Myeloid Populations. *Tumori*, **2003**, 89, 459-468	1.7	50
14	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cell-mediated resistance to metastasis. *Nature Immunology*, **2019**, 20, 1012-1022	19.1	45
13	Protumoral role of monocytes in human B-cell precursor acute lymphoblastic leukemia: involvement of the chemokine CXCL10. *Blood*, **2012**, 119, 227-37	2.2	44

12	CD16 regulates TRIF-dependent TLR4 response in human monocytes and their subsets. *Journal of Immunology*, **2012**, 188, 3584-93	5.3	32
11	TLR7 and TLR9 ligands regulate antigen presentation by macrophages. *International Immunology*, **2016**, 28, 223-32	4.9	28
10	Role of MMPs in orchestrating inflammatory response in human monocytes via a TREM-1-PI3K-NF-Β pathway. *Journal of Leukocyte Biology*, **2012**, 91, 933-45	6.5	25
9	In vitro micro-physiological model of the inflamed human adipose tissue for immune-metabolic analysis in type II diabetes. *Scientific Reports*, **2019**, 9, 4887	4.9	19
8	Impaired antigen presentation and potent phagocytic activity identifying tumor-tolerant human monocytes. *Biochemical and Biophysical Research Communications*, **2012**, 423, 331-7	3.4	17
7	Tumor-Associated Neutrophils Show Phenotypic and Functional Divergence in Human Lung Cancer. *Cancer Cell*, **2016**, 30, 11-13	24.3	13
6	MicroRNA-mediated immune modulation as a therapeutic strategy in host-implant integration. *Advanced Drug Delivery Reviews*, **2015**, 88, 92-107	18.5	12
5	A new "immunological" role for adipocytes in obesity. *Cell Metabolism*, **2013**, 17, 315-7	24.6	10
4	Basophil-macrophage dialog in allergic inflammation. *Immunity*, **2013**, 38, 408-10	32.3	5
3	Macrophages in Sepsis Progression **2014**, 315-338		3
2	Polarized Activation of Macrophages **2014**, 37-57		2
1	Monocytes and Macrophages **2017**, 217-252		