Subhra K Biswas

List of Publications by Year
in descending order

48 papers	20,578 citations	101543 36 h-index	233421 45 g-index
48 all docs	48 docs citations	48 times ranked	32678 citing authors

#	Article	IF	Citations
1	Macrophage Activation and Polarization: Nomenclature and Experimental Guidelines. Immunity, 2014, 41, 14-20.	14.3	4,638
2	Macrophage plasticity and interaction with lymphocyte subsets: cancer as a paradigm. Nature Immunology, 2010, 11, 889-896.	14.5	3,073
3	Macrophage plasticity and polarization in tissue repair and remodelling. Journal of Pathology, 2013, 229, 176-185.	4.5	1,868
4	Endotoxin tolerance: new mechanisms, molecules and clinical significance. Trends in Immunology, 2009, 30, 475-487.	6.8	1,064
5	Human CD14dim Monocytes Patrol and Sense Nucleic Acids and Viruses via TLR7 and TLR8 Receptors. Immunity, 2010, 33, 375-386.	14.3	1,060
6	Regulation of the Chemokine Receptor CXCR4 by Hypoxia. Journal of Experimental Medicine, 2003, 198, 1391-1402.	8.5	778
7	New insights into the multidimensional concept of macrophage ontogeny, activation and function. Nature Immunology, 2016, 17, 34-40.	14.5	630
8	A distinct and unique transcriptional program expressed by tumor-associated macrophages (defective) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.4	610
9	Orchestration of Metabolism by Macrophages. Cell Metabolism, 2012, 15, 432-437.	16.2	492
10	Metabolic Reprogramming of Immune Cells in Cancer Progression. Immunity, 2015, 43, 435-449.	14.3	480
11	Characterization of the nature of granulocytic myeloid-derived suppressor cells in tumor-bearing mice. Journal of Leukocyte Biology, 2011, 91, 167-181.	3.3	457
12	Developmental Analysis of Bone Marrow Neutrophils Reveals Populations Specialized in Expansion, Trafficking, and Effector Functions. Immunity, 2018, 48, 364-379.e8.	14.3	450
13	Tumor-associated macrophages: functional diversity, clinical significance, and open questions. Seminars in Immunopathology, 2013, 35, 585-600.	6.1	447
14	p50 Nuclear Factor-Î¹B Overexpression in Tumor-Associated Macrophages Inhibits M1 Inflammatory Responses and Antitumor Resistance. Cancer Research, 2006, 66, 11432-11440.	0.9	397
15	Plasticity of Macrophage Function during Tumor Progression: Regulation by Distinct Molecular Mechanisms. Journal of Immunology, 2008, 180, 2011-2017.	0.8	372
16	Patrolling monocytes control tumor metastasis to the lung. Science, 2015, 350, 985-990.	12.6	370
17	Human Monocytes Undergo Functional Re-programming during Sepsis Mediated by Hypoxia-Inducible Factor-1Î±. Immunity, 2015, 42, 484-498.	14.3	340
18	Macrophage polarization and plasticity in health and disease. Immunologic Research, 2012, 53, 11-24.	2.9	324

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19	Angiopoietin-2 Regulates Gene Expression in TIE2-Expressing Monocytes and Augments Their Inherent Proangiogenic Functions. Cancer Research, 2010, 70, 5270-5280.	0.9	299
20	Hypoxia-inducible factors 1 and 2 are important transcriptional effectors in primary macrophages experiencing hypoxia. Blood, 2009, 114, 844-859.	1.4	271
21	Molecular Profiling Reveals a Tumor-Promoting Phenotype of Monocytes and Macrophages in Human Cancer Progression. Immunity, 2014, 41, 815-829.	14.3	240
22	Regulation of macrophage function in tumors: the multifaceted role of NF-Î²B. Blood, 2009, 113, 3139-3146.	1.4	208
23	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, 6494-6507.	0.8	193
24	Cancerâ€promoting tumorâ€associated macrophages: New vistas and open questions. European Journal of Immunology, 2011, 41, 2522-2525.	2.9	179
25	Metabolic regulation of macrophage phenotype and function. Immunological Reviews, 2017, 280, 102-111.	6.0	164
26	Macrophage polarization to a unique phenotype driven by B cells. European Journal of Immunology, 2010, 40, 2296-2307.	2.9	157
27	Combinatorial Single-Cell Analyses of Granulocyte-Monocyte Progenitor Heterogeneity Reveals an Early Uni-potent Neutrophil Progenitor. Immunity, 2020, 53, 303-318.e5.	14.3	153
28	NF-Î²B as a central regulator of macrophage function in tumors. Journal of Leukocyte Biology, 2010, 88, 877-884.	3.3	123
29	CXCR4 identifies transitional bone marrow premonocytes that replenish the mature monocyte pool for peripheral responses. Journal of Experimental Medicine, 2016, 213, 2293-2314.	8.5	108
30	Role for MyD88-Independent, TRIF Pathway in Lipid A/TLR4-Induced Endotoxin Tolerance. Journal of Immunology, 2007, 179, 4083-4092.	0.8	100
31	The macrophage tetraspan MS4A4A enhances dectin-1-dependent NK cellâ€“mediated resistance to metastasis. Nature Immunology, 2019, 20, 1012-1022.	14.5	75
32	Myeloid differentiation factor 88-independent Toll-like receptor pathway: Sustaining inflammation or promoting tolerance?. International Journal of Biochemistry and Cell Biology, 2007, 39, 1582-1592.	2.8	64
33	Protumoral role of monocytes in human B-cell precursor acute lymphoblastic leukemia: involvement of the chemokine CXCL10. Blood, 2012, 119, 227-237.	1.4	59
34	In VitroActivation 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, 527-538.	1.2	56
35	Tumor-Associated Macrophages and Dendritic Cells as Prototypic Type II Polarized Myeloid Populations. Tumori, 2003, 89, 459-468.	1.1	54
36	TLR7 and TLR9 ligands regulate antigen presentation by macrophages. International Immunology, 2016, 28, 223-232.	4.0	43

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37	CD16 Regulates TRIF-Dependent TLR4 Response in Human Monocytes and Their Subsets. Journal of Immunology, 2012, 188, 3584-3593.	0.8	38
38	In vitro micro-physiological model of the inflamed human adipose tissue for immune-metabolic analysis in type II diabetes. Scientific Reports, 2019, 9, 4887.	3.3	29
39	Role of MMPs in orchestrating inflammatory response in human monocytes via a TREM-1-PI3K-NF-Î°B pathway. Journal of Leukocyte Biology, 2012, 91, 933-945.	3.3	26
40	Tumor-Associated Neutrophils Show Phenotypic and Functional Divergence in Human Lung Cancer. Cancer Cell, 2016, 30, 11-13.	16.8	19
41	Impaired antigen presentation and potent phagocytic activity identifying tumor-tolerant human monocytes. Biochemical and Biophysical Research Communications, 2012, 423, 331-337.	2.1	18
42	MicroRNA-mediated immune modulation as a therapeutic strategy in host-implant integration. Advanced Drug Delivery Reviews, 2015, 88, 92-107.	13.7	17
43	A New â€œImmunologicalâ€•Role for Adipocytes in Obesity. Cell Metabolism, 2013, 17, 315-317.	16.2	14
44	Rewiring macrophages for anti-tumour immunity. Nature Cell Biology, 2016, 18, 718-720.	10.3	9
45	Basophil-Macrophage Dialog in Allergic Inflammation. Immunity, 2013, 38, 408-410.	14.3	6
46	Macrophages in Sepsis Progression. , 2014, , 315-338.		3
47	Polarized Activation of Macrophages. , 2014, , 37-57.		3
48	Monocytes and Macrophages. , 2017, , 217-252.		0