Antje Blumenthal

List of Publications by Year
in descending order

64 papers	4,836 citations	117625 34 h-index	118850 62 g-index
65 all docs	65 docs citations	65 times ranked	10923 citing authors

#	Article	IF	Citations
1	The histone deacetylase Hdac7 supports LPS-inducible glycolysis and Il-1Î² production in murine macrophages via distinct mechanisms. Journal of Leukocyte Biology, 2022, 111, 327-336.	3.3	7
2	Neutrophil extracellular traps and their histones promote Th17 cell differentiation directly via TLR2. Nature Communications, 2022, 13, 528.	12.8	59
3	Inhibition of the master regulator of Listeria monocytogenes virulence enables bacterial clearance from spacious replication vacuoles in infected macrophages. PLoS Pathogens, 2022, 18, e1010166.	4.7	7
4	Lincolnenins Aâ€“D: Isomeric Bactericidal Bianthracenes from Streptomyces lincolnensis. Journal of Organic Chemistry, 2021, 86, 11011-11018.	3.2	11
5	Statistical analysis plan for the NITric oxide during cardiopulmonary bypass to improve Recovery in Infants with Congenital heart defects (NITRIC) trial. Critical Care and Resuscitation: Journal of the Australasian Academy of Critical Care Medicine, 2021, 23, 47-58.	0.1	1
6	Microbiome-immune interactions in tuberculosis. PLoS Pathogens, 2021, 17, e1009377.	4.7	28
7	The relationship between adrenocortical candidate gene expression and clinical response to hydrocortisone in patients with septic shock. Intensive Care Medicine, 2021, 47, 974-983.	8.2	12
8	Rab6b localizes to the Golgi complex in murine macrophages and promotes tumor necrosis factor release in response to mycobacterial infection. Immunology and Cell Biology, 2021, 99, 1067-1076.	2.3	2
9	PI3K-p110Î´ contributes to antibody responses by macrophages in chronic lymphocytic leukemia. Leukemia, 2020, 34, 451-461.	7.2	8
10	Lipopolysaccharide promotes Drp1â€dependent mitochondrial fission and associated inflammatory responses in macrophages. Immunology and Cell Biology, 2020, 98, 528-539.	2.3	47
11	Editorial: Wnt Signaling in Immune Cell Regulation During Microbial Infection and Cancer. Frontiers in Immunology, 2020, 11, 1133.	4.8	1
12	Class IIa Histone Deacetylases Drive Toll-like Receptor-Inducible Glycolysis and Macrophage Inflammatory Responses via Pyruvate Kinase M2. Cell Reports, 2020, 30, 2712-2728.e8.	6.4	51
13	SIRPÎ± Suppresses Response to Therapeutic Antibodies by Nurse Like Cells From Chronic Lymphocytic Leukemia Patients. Frontiers in Immunology, 2020, 11, 610523.	4.8	1
14	Functions of the WNT Signaling Network in Shaping Host Responses to Infection. Frontiers in Immunology, 2019, 10, 2521.	4.8	58
15	Study protocol: NITric oxide during cardiopulmonary bypass to improve Recovery in Infants with Congenital heart defects (NITRIC trial): a randomised controlled trial. BMJ Open, 2019, 9, e026664.	1.9	18
16	Structure-Activity Relationships of Wollamide Cyclic Hexapeptides with Activity against Drug-Resistant and Intracellular Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2019, 63, .	3.2	12
17	Bacterial pathogenesis and interleukin-17: interconnecting mechanisms of immune regulation, host genetics, and microbial virulence that influence severity of infection. Critical Reviews in Microbiology, 2018, 44, 465-486.	6.1	24
18	The N-terminal peptide moiety of the Mycobacterium tuberculosis 19 kDa lipoprotein harbors RP105-agonistic properties. Journal of Leukocyte Biology, 2018, 103, 311-319.	3.3	4

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19	Temporal Regulation of Natural Killer T Cell Interferon Gamma Responses by Î²-Catenin-Dependent and -Independent Wnt Signaling. Frontiers in Immunology, 2018, 9, 483.	4.8	25
20	Activation of Fc Gamma Receptor-Dependent Responses to Therapeutic Antibodies By Nurse like Cells Requires PI3Kdelta. Blood, 2018, 132, 3128-3128.	1.4	0
21	The RP105/MD-1 complex: molecular signaling mechanisms and pathophysiological implications. Journal of Leukocyte Biology, 2017, 101, 183-192.	3.3	40
22	Small GTPase Rab8a-recruited Phosphatidylinositol 3-Kinase Î³ Regulates Signaling and Cytokine Outputs from Endosomal Toll-like Receptors. Journal of Biological Chemistry, 2017, 292, 4411-4422.	3.4	57
23	Dengue virus NS1 protein activates immune cells via TLR4 but not TLR2 or TLR6. Immunology and Cell Biology, 2017, 95, 491-495.	2.3	89
24	CD4+CD8Î²+ double-positive T cells in skin-draining lymph nodes respond to inflammatory signals from the skin. Journal of Leukocyte Biology, 2017, 102, 837-844.	3.3	5
25	The duality of macrophage function in chronic lymphocytic leukaemia. Biochimica Et Biophysica Acta: Reviews on Cancer, 2017, 1868, 176-182.	7.4	10
26	Amycolatopsins Aâ€“C: antimycobacterial glycosylated polyketide macrolides from the Australian soil Amycolatopsis sp. MST-108494. Journal of Antibiotics, 2017, 70, 1097-1103.	2.0	15
27	FANTOM5 CAGE profiles of human and mouse samples. Scientific Data, 2017, 4, 170112.	5.3	195
28	Roles of WNT, NOTCH, and Hedgehog signaling in the differentiation and function of innate and innate-like lymphocytes. Journal of Leukocyte Biology, 2017, 101, 827-840.	3.3	32
29	WNT ligands contribute to the immune response during septic shock and amplify endotoxemia-driven inflammation in mice. Blood Advances, 2017, 1, 1274-1286.	5.2	43
30	Type I Interferons in the Pathogenesis of Tuberculosis: Molecular Drivers and Immunological Consequences. Frontiers in Immunology, 2017, 8, 1633.	4.8	91
31	Glucocorticoid Sensitivity Is Highly Variable in Critically Ill Patients With Septic Shock and Is Associated With Disease Severity*. Critical Care Medicine, 2016, 44, 1034-1041.	0.9	38
32	The E3 ubiquitin ligase RNF144B is LPS-inducible in human, but not mouse, macrophages and promotes inducible IL-1Î² expression. Journal of Leukocyte Biology, 2016, 100, 155-161.	3.3	16
33	Deletion of Wntless in myeloid cells exacerbates liver fibrosis and the ductular reaction in chronic liver injury. Fibrogenesis and Tissue Repair, 2015, 8, 19.	3.4	36
34	Aranciamycins I and J, Antimycobacterial Anthracyclines from an Australian Marine-Derived Streptomyces sp.. Journal of Natural Products, 2015, 78, 949-952.	3.0	20
35	Allergen-induced IL-6 trans-signaling activates Î³Î´ T cells to promote type 2 and type 17 airway inflammation. Journal of Allergy and Clinical Immunology, 2015, 136, 1065-1073.	2.9	73
36	RP105 Engages Phosphatidylinositol 3-Kinase p110Î´ To Facilitate the Trafficking and Secretion of Cytokines in Macrophages during Mycobacterial Infection. Journal of Immunology, 2015, 195, 3890-3900.	0.8	26

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37	IL-18, but Not IL-12, Induces Production of IFN-Î³ in the Immunosuppressive Environment of HPV16 E7 Transgenic Hyperplastic Skin. Journal of Investigative Dermatology, 2014, 134, 2562-2569.	0.7	38
38	LprG-Mediated Surface Expression of Lipoarabinomannan Is Essential for Virulence of Mycobacterium tuberculosis. PLoS Pathogens, 2014, 10, e1004376.	4.7	82
39	A promoter-level mammalian expression atlas. Nature, 2014, 507, 462-470.	27.8	1,838
40	Triosephosphate Isomerase Is Dispensable In Vitro yet Essential for Mycobacterium tuberculosis To Establish Infection. MBio, 2014, 5, e00085.	4.1	48
41	IL-17 Suppresses Immune Effector Functions in Human Papillomavirus-Associated Epithelial Hyperplasia. Journal of Immunology, 2014, 193, 2248-2257.	0.8	57
42	Wollamides: Antimycobacterial Cyclic Hexapeptides from an Australian Soil Streptomyces. Organic Letters, 2014, 16, 5120-5123.	4.6	47
43	Mollemycin A: An Antimalarial and Antibacterial Glyco-hexadepsipeptide-polyketide from an Australian Marine-Derived Streptomyces sp. (CMB-M0244). Organic Letters, 2014, 16, 1716-1719.	4.6	41
44	Recombinant <scp>W</scp>nt3a and <scp>W</scp>nt5a elicit macrophage cytokine production and tolerization to microbial stimulation via <scp>T</scp>ollâ€like receptor 4. European Journal of Immunology, 2014, 44, 1480-1490.	2.9	35
45	Cavinâ€1/PTRF alters prostate cancer cellâ€derived extracellular vesicle content and internalization to attenuate extracellular vesicleâ€mediated osteoclastogenesis and osteoblast proliferation. Journal of Extracellular Vesicles, 2014, 3, .	12.2	86
46	Indoleamine 2,3-Dioxygenase Activity Contributes to Local Immune Suppression in the Skin Expressing Human Papillomavirus Oncoprotein E7. Journal of Investigative Dermatology, 2013, 133, 2686-2694.	0.7	50
47	Efficient Biodistribution and Gene Silencing in the Lung epithelium via Intravenous Liposomal Delivery of siRNA. Molecular Therapy - Nucleic Acids, 2013, 2, e96.	5.1	62
48	Abstract A47: Increased levels of IL-12, IL-23 and IL-18 in skin expressing HPV16 E7 protein.. , 2013, , .		0
49	M. tuberculosis Induces Potent Activation of IDO-1, but This Is Not Essential for the Immunological Control of Infection. PLoS ONE, 2012, 7, e37314.	2.5	78
50	Generation of a Genome Scale Lentiviral Vector Library for EF1Î± Promoter-Driven Expression of Human ORFs and Identification of Human Genes Affecting Viral Titer. PLoS ONE, 2012, 7, e51733.	2.5	23
51	Evaluating the Sensitivity of Mycobacterium tuberculosis to Biotin Deprivation Using Regulated Gene Expression. PLoS Pathogens, 2011, 7, e1002264.	4.7	127
52	Induction of ER Stress in Macrophages of Tuberculosis Granulomas. PLoS ONE, 2010, 5, e12772.	2.5	127
53	Simultaneous Analysis of Multiple Mycobacterium tuberculosis Knockdown Mutants In Vitro and In Vivo. PLoS ONE, 2010, 5, e15667.	2.5	76
54	RP105 Facilitates Macrophage Activation by Mycobacterium tuberculosis Lipoproteins. Cell Host and Microbe, 2009, 5, 35-46.	11.0	53

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55	Tuberculosis and host metabolism: ancient associations, fresh insights. Translational Research, 2009, 154, 7-14.	5.0	5
56	The Wingless homolog WNT5A and its receptor Frizzled-5 regulate inflammatory responses of human mononuclear cells induced by microbial stimulation. Blood, 2006, 108, 965-973.	1.4	333
57	Common and Unique Gene Expression Signatures of Human Macrophages in Response to Four Strains of Mycobacterium avium That Differ in Their Growth and Persistence Characteristics. Infection and Immunity, 2005, 73, 3330-3341.	2.2	55
58	Expression of Many Immunologically Important Genes in Mycobacterium tuberculosis-Infected Macrophages Is Independent of Both TLR2 and TLR4 but Dependent on IFN-Î±Î² Receptor and STAT1. Journal of Immunology, 2005, 175, 3318-3328.	0.8	93
59	Resistance and susceptibility to tuberculosis analysed at the transcriptome level: lessons from mouse macrophages. Tuberculosis, 2004, 84, 144-158.	1.9	46
60	Detection of the 4977 bp deletion of mitochondrial DNA in different human blood cells. Experimental Gerontology, 2004, 39, 181-188.	2.8	30
61	Construction of a Deep-rough Mutant of Burkholderia cepacia ATCC 25416 and Characterization of Its Chemical and Biological Properties. Journal of Biological Chemistry, 2003, 278, 1647-1655.	3.4	38
62	Control of Mycobacterial Replication in Human Macrophages: Roles of Extracellular Signal-Regulated Kinases 1 and 2 and p38 Mitogen-Activated Protein Kinase Pathways. Infection and Immunity, 2002, 70, 4961-4967.	2.2	59
63	Mycobacteria-Induced TNF-Î± and IL-10 Formation by Human Macrophages Is Differentially Regulated at the Level of Mitogen-Activated Protein Kinase Activity. Journal of Immunology, 2001, 167, 3339-3345.	0.8	123
64	Effect of Nitric Oxide via Cardiopulmonary Bypass on Ventilator-Free Days in Young Children Undergoing Congenital Heart Disease Surgery. JAMA - Journal of the American Medical Association, 0, , .	7.4	21