

Martin Bttcher

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.

43
papers

1,533
citations

17
h-index

39
g-index

50
ext. papers

2,143
ext. citations

8.4
avg, IF

4.22
L-index

#	Paper	IF	Citations
43	Genetic Knock-out of TNFR1 and TNFR2 in a JAK2-V617F Polycythemia Vera Mouse Model.. <i>HemaSphere</i> , 2022 , 6, e717	0.3	
42	Anticancer Aminoferrocene Derivatives Inducing Production of Mitochondrial Reactive Oxygen Species.. <i>Chemistry - A European Journal</i> , 2022 , e202104420	4.8	0
41	IL-33-induced metabolic reprogramming controls the differentiation of alternatively activated macrophages and the resolution of inflammation. <i>Immunity</i> , 2021 , 54, 2531-2546.e5	32.3	11
40	Control of PD-L1 expression in CLL-cells by stromal triggering of the Notch-c-Myc-EZH2 oncogenic signaling axis 2021 , 9,		1
39	Tim-3 is dispensable for allergic inflammation and respiratory tolerance in experimental asthma. <i>PLoS ONE</i> , 2021 , 16, e0249605	3.7	0
38	The complement system drives local inflammatory tissue priming by metabolic reprogramming of synovial fibroblasts. <i>Immunity</i> , 2021 , 54, 1002-1021.e10	32.3	28
37	Multi-omics reveals clinically relevant proliferative drive associated with mTOR-MYC-OXPPOS activity in chronic lymphocytic leukemia. <i>Nature Cancer</i> , 2021 , 2, 853-864	15.4	2
36	Impact of Nrf2 expression in reconstituting T-cells of allogeneic hematopoietic stem cell transplanted patients. <i>Leukemia</i> , 2021 , 35, 910-915	10.7	4
35	The IKZF1-IRF4/IRF5 Axis Controls Polarization of Myeloma-Associated Macrophages. <i>Cancer Immunology Research</i> , 2021 , 9, 265-278	12.5	8
34	Immunoglobulin triggers NLRP3 inflammasome activation in tumor-associated macrophages to promote multiple myeloma progression. <i>Immunity</i> , 2021 , 54, 1772-1787.e9	32.3	8
33	Linking Immuno-evasion and Metabolic Reprogramming in B-Cell-Derived Lymphomas. <i>Frontiers in Oncology</i> , 2020 , 10, 594782	5.3	3
32	Palmitoylated Proteins on AML-Derived Extracellular Vesicles Promote Myeloid-Derived Suppressor Cell Differentiation via TLR2/Akt/mTOR Signaling. <i>Cancer Research</i> , 2020 , 80, 3663-3676	10.1	8
31	Selective PRMT5 Inhibitors Suppress Human CD8 T Cells by Upregulation of p53 and Impairment of the AKT Pathway Similar to the Tumor Metabolite MTA. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 409-419	6.1	14
30	PPAR δ -mediated mitochondrial rewiring of osteoblasts determines bone mass. <i>Scientific Reports</i> , 2020 , 10, 8428	4.9	10
29	Metabolic reprogramming of osteoclasts represents a therapeutic target during the treatment of osteoporosis. <i>Scientific Reports</i> , 2020 , 10, 21020	4.9	5
28	B Cell Speed and B-FDC Contacts in Germinal Centers Determine Plasma Cell Output via Swi-prosin-1/EFhd2. <i>Cell Reports</i> , 2020 , 32, 108030	10.6	9
27	Exploitable metabolic dependencies in MLL-ENL-induced leukemia. <i>Blood Advances</i> , 2020 , 4, 3626-3638	7.8	1

26	Inflammation-induced glycolytic switch controls suppressivity of mesenchymal stem cells via STAT1 glycosylation. <i>Leukemia</i> , 2019 , 33, 1783-1796	10.7	25
25	Energy metabolism is co-determined by genetic variants in chronic lymphocytic leukemia and influences drug sensitivity. <i>Haematologica</i> , 2019 , 104, 1830-1840	6.6	8
24	Microenvironmental Triggers Induce a Chemoresistant, Differentiated Subset of S100A8/A9high AML Cells Via the Jak/STAT3 Signaling Axis. <i>Blood</i> , 2019 , 134, 2714-2714	2.2	
23	β-m - a Trigger for NLRP3 Inflammasome Activation within Macrophages Promoting Multiple Myeloma Cell Proliferation. <i>Blood</i> , 2019 , 134, 2314-2314	2.2	
22	A novel immunoregulatory function of beta-2-microglobulin as a promoter of myeloid derived suppressor cell induction. <i>Leukemia</i> , 2019 , 33, 1282-1287	10.7	1
21	D-2-hydroxyglutarate interferes with HIF-1β stability skewing T-cell metabolism towards oxidative phosphorylation and impairing Th17 polarization. <i>Oncotarget</i> , 2018 , 7, e1445454	7.2	52
20	Polyol Pathway Links Glucose Metabolism to the Aggressiveness of Cancer Cells. <i>Cancer Research</i> , 2018 , 78, 1604-1618	10.1	49
19	Short-chain fatty acids regulate systemic bone mass and protect from pathological bone loss. <i>Nature Communications</i> , 2018 , 9, 55	17.4	210
18	Lenalidomide enhances MOR202-dependent macrophage-mediated effector functions via the vitamin D pathway. <i>Leukemia</i> , 2018 , 32, 2445-2458	10.7	23
17	IL-21 modulates memory and exhaustion phenotype of T-cells in a fatty acid oxidation-dependent manner. <i>Oncotarget</i> , 2018 , 9, 13125-13138	3.3	30
16	Stroma Cells Promote a S100A8/A9high-Subset of AML Blasts with Distinct Metabolic Features in a Jak/STAT3-Dependent Manner. <i>Blood</i> , 2018 , 132, 2807-2807	2.2	
15	In mammalian skeletal muscle, phosphorylation of TOMM22 by protein kinase CSNK2/CK2 controls mitophagy. <i>Autophagy</i> , 2018 , 14, 311-335	10.2	24
14	The EMT-activator Zeb1 is a key factor for cell plasticity and promotes metastasis in pancreatic cancer. <i>Nature Cell Biology</i> , 2017 , 19, 518-529	23.4	513
13	CLL-cell-mediated MDSC induction by exosomal miR-155 transfer is disrupted by vitamin D. <i>Leukemia</i> , 2017 , 31, 985-988	10.7	40
12	Interleukin-17A is involved in mechanical hyperalgesia but not in the severity of murine antigen-induced arthritis. <i>Scientific Reports</i> , 2017 , 7, 10334	4.9	25
11	The PD-1/PD-L1 axis contributes to immune metabolic dysfunctions of monocytes in chronic lymphocytic leukemia. <i>Leukemia</i> , 2017 , 31, 470-478	10.7	53
10	Sclerostin inhibition promotes TNF-dependent inflammatory joint destruction. <i>Science Translational Medicine</i> , 2016 , 8, 330ra35	17.5	89
9	A10.14 Inhibition of sclerostin accelerates TNF-mediated bone destruction. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, A78.1-A78	2.4	

8	IL-10 mediates plasmacytosis-associated immunodeficiency by inhibiting complement-mediated neutrophil migration. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1487-1497.e6	11.5	46
7	Vitamin D Blocks CLL Cell-Mediated MDSC Induction. <i>Blood</i> , 2016 , 128, 4355-4355	2.2	
6	the IKZF1-IRF4 Axis Regulates Macrophage Polarization and Macrophage-Mediated Anti-Tumor Immunity. <i>Blood</i> , 2016 , 128, 2514-2514	2.2	1
5	Mesenchymal Stromal Cells Disrupt mTOR-Signaling and Aerobic Glycolysis During T-Cell Activation. <i>Stem Cells</i> , 2016 , 34, 516-21	5.8	25
4	Subthreshold IKK activation modulates the effector functions of primary mast cells and allows specific targeting of transformed mast cells. <i>Oncotarget</i> , 2015 , 6, 5354-68	3.3	9
3	A2.17 Synoviocytes Change Phenotype and Function after Treg-Depletion in Arthritic Mice. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, A10.2-A10	2.4	
2	Increased thioredoxin-1 production in human naturally occurring regulatory T cells confers enhanced tolerance to oxidative stress. <i>Blood</i> , 2011 , 117, 857-61	2.2	103
1	Reversibility of symptoms in a conditional mouse model of spinocerebellar ataxia type 3. <i>Human Molecular Genetics</i> , 2009 , 18, 4282-95	5.6	85