

Piotr Z Tymoszuk

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,286
citations

331670

21
h-index

233421

45
g-index

61
all docs

61
docs citations

61
times ranked

4359
citing authors

#	ARTICLE	IF	CITATIONS
1	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016, 22, 945-951.	30.7	333
2	Cardiopulmonary recovery after COVID-19: an observational prospective multicentre trial. <i>European Respiratory Journal</i> , 2021, 57, 2003481.	6.7	313
3	Momelotinib inhibits ACVR1/ALK2, decreases hepcidin production, and ameliorates anemia of chronic disease in rodents. <i>Blood</i> , 2017, 129, 1823-1830.	1.4	157
4	Dietary lipids fuel GPX4-restricted enteritis resembling Crohn's disease. <i>Nature Communications</i> , 2020, 11, 1775.	12.8	143
5	Lapatinib and doxorubicin enhance the STAT1-dependent antitumor immune response. <i>European Journal of Immunology</i> , 2013, 43, 2718-2729.	2.9	108
6	Iron in the Tumor Microenvironment—Connecting the Dots. <i>Frontiers in Oncology</i> , 2018, 8, 549.	2.8	108
7	In situ proliferation contributes to accumulation of tumor-associated macrophages in spontaneous mammary tumors. <i>European Journal of Immunology</i> , 2014, 44, 2247-2262.	2.9	90
8	Iron and innate antimicrobial immunity—Depriving the pathogen, defending the host. <i>Journal of Trace Elements in Medicine and Biology</i> , 2018, 48, 118-133.	3.0	82
9	Lipocalin 2 drives neutrophilic inflammation in alcoholic liver disease. <i>Journal of Hepatology</i> , 2016, 64, 872-880.	3.7	80
10	Transcription factors Elk-1 and SRF are engaged in IL1-dependent regulation of ZC3H12A expression. <i>BMC Molecular Biology</i> , 2010, 11, 14.	3.0	65
11	High STAT1 mRNA levels but not its tyrosine phosphorylation are associated with macrophage infiltration and bad prognosis in breast cancer. <i>BMC Cancer</i> , 2014, 14, 257.	2.6	65
12	Chest CT of Lung Injury 1 Year after COVID-19 Pneumonia: The CovILD Study. <i>Radiology</i> , 2022, 304, 462-470.	7.3	55
13	Classical and intermediate monocytes scavenge non-transferrin-bound iron and damaged erythrocytes. <i>JCI Insight</i> , 2019, 4, .	5.0	42
14	Expansion of Neutrophils and Classical and Nonclassical Monocytes as a Hallmark in Relapsing-Remitting Multiple Sclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 594.	4.8	33
15	Dopamine Is a Siderophore-Like Iron Chelator That Promotes <i>Salmonella enterica</i> Serovar Typhimurium Virulence in Mice. <i>MBio</i> , 2019, 10, .	4.1	32
16	The haemochromatosis gene Hfe and Kupffer cells control LDL cholesterol homeostasis and impact on atherosclerosis development. <i>European Heart Journal</i> , 2020, 41, 3949-3959.	2.2	32
17	Genetic and Dietary Iron Overload Differentially Affect the Course of <i>Salmonella</i> Typhimurium Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 110.	3.9	30
18	Linkage of alterations in systemic iron homeostasis to patients' outcome in sepsis: a prospective study. <i>Journal of Intensive Care</i> , 2020, 8, 76.	2.9	30

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19	Investigating phenotypes of pulmonary COVID-19 recovery: A longitudinal observational prospective multicenter trial. <i>ELife</i> , 2022, 11, .	6.0	30
20	Salmonella Utilizes Zinc To Subvert Antimicrobial Host Defense of Macrophages via Modulation of NF- κ B Signaling. <i>Infection and Immunity</i> , 2017, 85, .	2.2	28
21	Langerhans cells and NK cells cooperate in the inhibition of chemical skin carcinogenesis. <i>Oncolmmunology</i> , 2017, 6, e1260215.	4.6	26
22	The crucial impact of iron deficiency definition for the course of precapillary pulmonary hypertension. <i>PLoS ONE</i> , 2018, 13, e0203396.	2.5	24
23	Phenotyping of Acute and Persistent Coronavirus Disease 2019 Features in the Outpatient Setting: Exploratory Analysis of an International Cross-sectional Online Survey. <i>Clinical Infectious Diseases</i> , 2022, 75, e418-e431.	5.8	24
24	Abrogation of TLR4 and CD14 Expression and Signaling in Human Adrenocortical Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E421-E429.	3.6	23
25	A fully human anti-BMP6 antibody reduces the need for erythropoietin in rodent models of the anemia of chronic disease. <i>Blood</i> , 2020, 136, 1080-1090.	1.4	22
26	EGF activates TTP expression by activation of ELK-1 and EGR-1 transcription factors. <i>BMC Molecular Biology</i> , 2012, 13, 8.	3.0	21
27	Association of mitochondrial iron deficiency and dysfunction with idiopathic restless legs syndrome. <i>Movement Disorders</i> , 2019, 34, 114-123.	3.9	21
28	Who Is at Risk of Poor Mental Health Following Coronavirus Disease-19 Outpatient Management?. <i>Frontiers in Medicine</i> , 2022, 9, 792881.	2.6	21
29	Enhanced labile plasma iron in hematopoietic stem cell transplanted patients promotes <i>Aspergillus</i> outgrowth. <i>Blood Advances</i> , 2019, 3, 1695-1700.	5.2	19
30	Factors associated with impaired quality of life three months after being diagnosed with COVID-19. <i>Quality of Life Research</i> , 2022, 31, 1401-1414.	3.1	18
31	Baseline iron status and presence of anaemia determine the course of systemic <i>Salmonella</i> infection following oral iron supplementation in mice. <i>EBioMedicine</i> , 2021, 71, 103568.	6.1	18
32	The BH3-only protein BIM contributes to late-stage involution in the mouse mammary gland. <i>Cell Death and Differentiation</i> , 2016, 23, 41-51.	11.2	16
33	Ferritin H deficiency deteriorates cellular iron handling and worsens <i>Salmonella typhimurium</i> infection by triggering hyperinflammation. <i>JCI Insight</i> , 2021, 6, .	5.0	16
34	The Role of Innate Immunity and Bioactive Lipid Mediators in COVID-19 and Influenza. <i>Frontiers in Physiology</i> , 2021, 12, 688946.	2.8	16
35	Cytokine-Mediated Regulation of ARG1 in Macrophages and Its Impact on the Control of <i>Salmonella enterica</i> Serovar Typhimurium Infection. <i>Cells</i> , 2021, 10, 1823.	4.1	15
36	Secretoneurin gene therapy improves hind limb and cardiac ischaemia in Apo E $\Delta\Delta$ mice without influencing systemic atherosclerosis. <i>Cardiovascular Research</i> , 2015, 105, 96-106.	3.8	14

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37	Clonal hematopoiesis in patients with COVID-19 is stable and not linked to an aggravated clinical course. <i>American Journal of Hematology</i> , 2021, 96, E331-E333.	4.1	14
38	The Impact of Cand1 in Prostate Cancer. <i>Cancers</i> , 2020, 12, 428.	3.7	13
39	Regulation of Th1 T Cell Differentiation by Iron via Upregulation of T Cell Immunoglobulin and Mucin Containing Protein-3 (TIM-3). <i>Frontiers in Immunology</i> , 2021, 12, 637809.	4.8	12
40	Deregulated glutamate to pro-collagen conversion is associated with adverse outcome in lung cancer and may be targeted by renin-angiotensin-aldosterone system (RAS) inhibition. <i>Lung Cancer</i> , 2021, 159, 84-95.	2.0	12
41	Upregulation of TLR2 and TLR4 in the human adrenocortical cells differentially modulates adrenal steroidogenesis. <i>Molecular and Cellular Endocrinology</i> , 2011, 336, 41-46.	3.2	10
42	MMTV-neu mice deficient in STAT1 are susceptible to develop ovarian teratomas. <i>International Journal of Developmental Biology</i> , 2012, 56, 279-283.	0.6	10
43	Iron Supplementation Interferes With Immune Therapy of Murine Mammary Carcinoma by Inhibiting Anti-Tumor T Cell Function. <i>Frontiers in Oncology</i> , 2020, 10, 584477.	2.8	10
44	Replenishment of the B cell compartment after doxorubicin-induced hematopoietic toxicity is facilitated by STAT1. <i>Journal of Leukocyte Biology</i> , 2014, 95, 853-866.	3.3	6
45	Serum hepcidin levels in multiple sclerosis. <i>Multiple Sclerosis Journal - Experimental, Translational and Clinical</i> , 2019, 5, 205521731988598.	1.0	4
46	The Jak1/Jak2 Inhibitor Momelotinib Inhibits Alk2, Decreases Hepcidin Production and Ameliorates Anemia of Chronic Disease (ACD) in Rodents. <i>Blood</i> , 2015, 126, 538-538.	1.4	4
47	Quantity of IgG response to SARS-CoV-2 spike glycoprotein predicts pulmonary recovery from COVID-19. <i>Scientific Reports</i> , 2022, 12, 3677.	3.3	4
48	Mitochondrial Respiration in Response to Iron Deficiency Anemia: Comparison of Peripheral Blood Mononuclear Cells and Liver. <i>Metabolites</i> , 2022, 12, 270.	2.9	4
49	Alterations of blood monocyte subset distribution and surface phenotype are linked to infection severity in COVID-19 inpatients. <i>European Journal of Immunology</i> , 2022, , .	2.9	4
50	Impact of STAT1 and CD8+T cells on the antineoplastic activity of lapatinib and doxorubicin against spontaneous mammary tumors. <i>Oncolmmunology</i> , 2013, 2, e26689.	4.6	2
51	A Fully Human Anti-BMP6 Antibody Reduces the Need for Erythropoietin Stimulating Agent in Two Rodent Anemia of Chronic Disease Models. <i>Blood</i> , 2018, 132, 1045-1045.	1.4	1
52	Abrogation of TLR4 and CD14 Expression and Signaling in Human Adrenocortical Tumors. <i>Endocrine Reviews</i> , 2010, 31, 780-781.	20.1	0
53	Abrogation of TLR4 and CD14 Expression and Signaling in Human Adrenocortical Tumors. <i>Molecular Endocrinology</i> , 2010, 24, 2071-2071.	3.7	0
54	On Demand Recruitment of Macrophages Is Required for Erythroid Niche Formation during Stress Erythropoiesis in the Bone Marrow. <i>Blood</i> , 2018, 132, 848-848.	1.4	0

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55	Disbalanced Erythroid Ferroportin Expression Contributes to Ineffective Erythroid Output in Anemia of Chronic Disease. <i>Blood</i> , 2019, 134, 3533-3533.	1.4	0