

Khalid Muhammad

List of Publications by Citations

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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

690
citations

14
h-index

25
g-index

49
ext. papers

976
ext. citations

5.9
avg, IF

4.13
L-index

#	Paper	IF	Citations
43	NFATc1 controls the cytotoxicity of CD8 T cells. <i>Nature Communications</i> , 2017 , 8, 511	17.4	78
42	In vivo effects of the anti-interleukin-6 receptor inhibitor tocilizumab on the B cell compartment. <i>Arthritis and Rheumatism</i> , 2011 , 63, 1255-64		73
41	CTLA4-Ig (abatacept) therapy modulates T cell effector functions in autoantibody-positive rheumatoid arthritis patients. <i>BMC Immunology</i> , 2013 , 14, 34	3.7	69
40	Microbial short-chain fatty acids modulate CD8 T cell responses and improve adoptive immunotherapy for cancer. <i>Nature Communications</i> , 2021 , 12, 4077	17.4	45
39	CD27-IgD- memory B cells are modulated by in vivo interleukin-6 receptor (IL-6R) blockade in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 61	5.7	39
38	NFATc1 supports imiquimod-induced skin inflammation by suppressing IL-10 synthesis in B cells. <i>Nature Communications</i> , 2016 , 7, 11724	17.4	36
37	Nanomedicine as a promising approach for diagnosis, treatment and prophylaxis against COVID-19. <i>Nanomedicine</i> , 2020 , 15, 2085-2102	5.6	36
36	Impact of IL-6 receptor inhibition on human memory B cells in vivo: impaired somatic hypermutation in preswitch memory B cells and modulation of mutational targeting in memory B cells. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1507-10	2.4	32
35	Current Developments in the Immunology of Psoriasis. <i>Yale Journal of Biology and Medicine</i> , 2020 , 93, 97-110	2.4	32
34	Delayed acquisition of somatic hypermutations in repopulated IGD+CD27+ memory B cell receptors after rituximab treatment. <i>Arthritis and Rheumatism</i> , 2009 , 60, 2284-93		30
33	NFATc1 induction in peripheral T and B lymphocytes. <i>Journal of Immunology</i> , 2013 , 190, 2345-53	5.3	29
32	Architecture and expression of the nfatc1 gene in lymphocytes. <i>Frontiers in Immunology</i> , 2014 , 5, 21	8.4	16
31	NF- κ B factors control the induction of NFATc1 in B lymphocytes. <i>European Journal of Immunology</i> , 2014 , 44, 3392-402	6.1	14
30	Multiepitope Subunit Vaccine Design against COVID-19 Based on the Spike Protein of SARS-CoV-2: An Analysis. <i>Journal of Immunology Research</i> , 2020 , 2020, 8893483	4.5	14
29	RF positivity has substantial influence on the peripheral memory B-cell compartment and its modulation by TNF inhibition. <i>Scandinavian Journal of Rheumatology</i> , 2012 , 41, 180-5	1.9	13
28	A threshold level of NFATc1 activity facilitates thymocyte differentiation and opposes notch-driven leukaemia development. <i>Nature Communications</i> , 2016 , 7, 11841	17.4	13
27	Investigating Virological, Immunological, and Pathological Avenues to Identify Potential Targets for Developing COVID-19 Treatment and Prevention Strategies. <i>Vaccines</i> , 2020 , 8,	5.3	12

26	Hidden Role of Gut Microbiome Dysbiosis in Schizophrenia: Antipsychotics or Psychobiotics as Therapeutics?. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	12
25	Effect of ATG-F on B-cell reconstitution after hematopoietic stem cell transplantation. <i>European Journal of Haematology</i> , 2015 , 95, 514-23	3.8	11
24	Designing a multi-epitope vaccine against Mycobacteroides abscessus by pangenome-reverse vaccinology. <i>Scientific Reports</i> , 2021 , 11, 11197	4.9	10
23	Long-term repopulation of peripheral B-cell subsets after single and repeated rituximab infusions in patients with rheumatoid arthritis. <i>Clinical and Experimental Rheumatology</i> , 2015 , 33, 347-53	2.2	9
22	T Cells Control Chemokine Secretion by Keratinocytes. <i>Frontiers in Immunology</i> , 2019 , 10, 1917	8.4	7
21	Structure-Based Virtual Screening Identifies Multiple Stable Binding Sites at the RecA Domains of SARS-CoV-2 Helicase Enzyme. <i>Molecules</i> , 2021 , 26,	4.8	7
20	Current Insights into Immunology and Novel Therapeutics of Atopic Dermatitis. <i>Cells</i> , 2021 , 10,	7.9	7
19	Therapeutic Cytokine Inhibition Modulates Activation and Homing Receptors of Peripheral Memory B Cell Subsets in Rheumatoid Arthritis Patients. <i>Frontiers in Immunology</i> , 2020 , 11, 572475	8.4	5
18	BCG Vaccine-Induced Trained Immunity and COVID-19: Protective or Bystander?. <i>Infection and Drug Resistance</i> , 2021 , 14, 1169-1184	4.2	5
17	NFATc1 releases BCL6-dependent repression of CCR2 agonist expression in peritoneal macrophages from <i>Saccharomyces cerevisiae</i> infected mice. <i>European Journal of Immunology</i> , 2016 , 46, 634-46	6.1	5
16	Vascular Inflammation in Cardiovascular Disease: Is Immune System Protective or Bystander?. <i>Current Pharmaceutical Design</i> , 2021 , 27, 2141-2150	3.3	4
15	Aberrant B-cell Subsets and Immunoglobulin Levels in Patients with Moderate-to-severe Psoriasis. <i>Acta Dermato-Venereologica</i> , 2019 , 99, 226-227	2.2	4
14	Induction of Short NFATc1/ Δ Isoform Interferes with Peripheral B Cell Differentiation. <i>Frontiers in Immunology</i> , 2018 , 9, 32	8.4	3
13	Rituximab therapy leads to reduced imprints of receptor revision in immunoglobulin λ and μ light chains. <i>Journal of Rheumatology</i> , 2012 , 39, 1130-8	4.1	3
12	The Transcription Factor NFATc1 Supports the Rejection of Heterotopic Heart Allografts. <i>Frontiers in Immunology</i> , 2018 , 9, 1338	8.4	2
11	The interplay between vitamin D and COVID-19: protective or bystander?. <i>European Review for Medical and Pharmacological Sciences</i> , 2021 , 25, 2131-2145	2.9	2
10	Intricate Relationship Between Adaptive and Innate Immune System in Allergic Contact Dermatitis. <i>Yale Journal of Biology and Medicine</i> , 2020 , 93, 699-709	2.4	2
9	Beneficial Effects of Anticoagulants on the Clinical Outcomes of COVID-19 Patients. <i>Antibiotics</i> , 2021 , 10,	4.9	2

8	Modulation of Gut Microbial Diversity through Non-Pharmaceutical Approaches to Treat Schizophrenia.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
7	Computational Evaluation of Abrogation of HBx-Bcl-xL Complex with High-Affinity Carbon Nanotubes (Fullerene) to Halt the Hepatitis B Virus Replication. <i>Molecules</i> , 2021 , 26,	4.8	1
6	SARS-CoV-2 associated pathogenesis, immune dysfunction and involvement of host factors: a comprehensive review.. <i>European Review for Medical and Pharmacological Sciences</i> , 2021 , 25, 7526-7542	2.9	1
5	Prognostic Role of Monocytic Myeloid-Derived Suppressor Cells in Advanced Non-Small-Cell Lung Cancer: Relation to Different Hematologic Indices. <i>Journal of Immunology Research</i> , 2021 , 2021, 3241150	4.5	0
4	Possible Role of Regulatory B Cells in Different Behçet Disease Phenotypes and Therapies: First Report from Egypt. <i>Journal of Inflammation Research</i> , 2021 , 14, 737-744	4.8	0
3	NFAT5 Controls the Integrity of Epidermis.. <i>Frontiers in Immunology</i> , 2021 , 12, 780727	8.4	0
2	Mapping the effect of drugs on ACE2 as a novel target site for COVID-19 therapy. <i>European Review for Medical and Pharmacological Sciences</i> , 2021 , 25, 3923-3932	2.9	0
1	Drug Resistance in Rheumatological Diseases 2021 , 461-474		