Asaf Madi

List of Publications by Year
in descending order

37 papers	5,112 citations	201575 27 h-index	330025 37 g-index
46 all docs	46 docs citations	46 times ranked	9637 citing authors

#	Article	IF	Citations
1	The TREM2-APOE Pathway Drives the Transcriptional Phenotype of Dysfunctional Microglia in Neurodegenerative Diseases. Immunity, 2017, 47, 566-581.e9.	6.6	1,741
2	Checkpoint Blockade Immunotherapy Induces Dynamic Changes in PD-1âˆ'CD8+ Tumor-Infiltrating T Cells. Immunity, 2019, 50, 181-194.e6.	6.6	424
3	Induction and transcriptional regulation of the co-inhibitory gene module in T cells. Nature, 2018, 558, 454-459.	13.7	336
4	CD5L/AIM Regulates Lipid Biosynthesis and Restrains Th17 Cell Pathogenicity. Cell, 2015, 163, 1413-1427.	13.5	313
5	Dominating Clasp of the Financial Sector Revealed by Partial Correlation Analysis of the Stock Market. PLoS ONE, 2010, 5, e15032.	1.1	286
6	T-cell receptor repertoires share a restricted set of public and abundant CDR3 sequences that are associated with self-related immunity. Genome Research, 2014, 24, 1603-1612.	2.4	201
7	T cell receptor repertoires of mice and humans are clustered in similarity networks around conserved public CDR3 sequences. ELife, 2017, 6, .	2.8	175
8	TIM3 Mediates T Cell Exhaustion during Mycobacterium tuberculosis Infection. PLoS Pathogens, 2016, 12, e1005490.	2.1	147
9	Tracking global changes induced in the CD4 T-cell receptor repertoire by immunization with a complex antigen using short stretches of CDR3 protein sequence. Bioinformatics, 2014, 30, 3181-3188.	1.8	129
10	The yin and yang of co-inhibitory receptors: toward anti-tumor immunity without autoimmunity. Cell Research, 2020, 30, 285-299.	5.7	129
11	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. Nature Immunology, 2017, 18, 412-421.	7.0	103
12	Endogenous Glucocorticoid Signaling Regulates CD8+ T Cell Differentiation and Development of Dysfunction in the Tumor Microenvironment. Immunity, 2020, 53, 658-671.e6.	6.6	98
13	Organization of the autoantibody repertoire in healthy newborns and adults revealed by system level informatics of antigen microarray data. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 14484-14489.	3.3	87
14	IL-10-dependent Tr1 cells attenuate astrocyte activation and ameliorate chronic central nervous system inflammation. Brain, 2016, 139, 1939-1957.	3.7	87
15	Frequent aneuploidy in primary human T cells after CRISPRâ€"Cas9 cleavage. Nature Biotechnology, 2022, 40, 1807-1813.	9.4	81
16	Microengineered perfusable 3D-bioprinted glioblastoma model for in vivo mimicry of tumor microenvironment. Science Advances, 2021, 7, .	4.7	76
17	Shared transcriptional profiles of atypical B cells suggest common drivers of expansion and function in malaria, HIV, and autoimmunity. Science Advances, 2021, 7, .	4.7	68
18	Index Cohesive Force Analysis Reveals That the US Market Became Prone to Systemic Collapses Since 2002. PLoS ONE, 2011, 6, e19378.	1.1	61

#	Article	IF	Citations
19	Targeting latency-associated peptide promotes antitumor immunity. Science Immunology, 2017, 2, .	5.6	58
20	Acute microglia ablation induces neurodegeneration in the somatosensory system. Nature Communications, 2018, 9, 4578.	5.8	55
21	An IL-27-Driven Transcriptional Network Identifies Regulators of IL-10 Expression across T Helper Cell Subsets. Cell Reports, 2020, 33, 108433.	2.9	54
22	Type I interferon transcriptional network regulates expression of coinhibitory receptors in human T cells. Nature Immunology, 2022, 23, 632-642.	7.0	54
23	The transcription factor musculin promotes the unidirectional development of peripheral Treg cells by suppressing the TH2 transcriptional program. Nature Immunology, 2017, 18, 344-353.	7.0	47
24	P-selectin axis plays a key role in microglia immunophenotype and glioblastoma progression. Nature Communications, 2021, 12, 1912.	5.8	37
25	Metastasis-Entrained Eosinophils Enhance Lymphocyte-Mediated Antitumor Immunity. Cancer Research, 2021, 81, 5555-5571.	0.4	35
26	Network Theory Analysis of Antibody-Antigen Reactivity Data: The Immune Trees at Birth and Adulthood. PLoS ONE, 2011, 6, e17445.	1.1	35
27	The Natural Autoantibody Repertoire in Newborns and Adults. Advances in Experimental Medicine and Biology, 2012, 750, 198-212.	0.8	32
28	Analyses of antigen dependency networks unveil immune system reorganization between birth and adulthood. Chaos, 2011, 21, 016109.	1.0	28
29	Tumor-Associated and Disease-Associated Autoantibody Repertoires in Healthy Colostrum and Maternal and Newborn Cord Sera. Journal of Immunology, 2015, 194, 5272-5281.	0.4	23
30	Evolution of fibroblasts in the lung metastatic microenvironment is driven by stage-specific transcriptional plasticity. ELife, 2021, 10, .	2.8	23
31	Genome Holography: Deciphering Function-Form Motifs from Gene Expression Data. PLoS ONE, 2008, 3, e2708.	1.1	21
32	Individual and meta-immune networks. Physical Biology, 2013, 10, 025003.	0.8	18
33	Challenges in the implementation of MIRIBEL criteria on nanobiomed manuscripts. Nature Nanotechnology, 2019, 14, 627-628.	15.6	14
34	Human neonatal thymectomy induces altered B‐cell responses and autoreactivity. European Journal of Immunology, 2017, 47, 1970-1981.	1.6	9
35	Gene Network Holography of the Soil Bacterium Bacillus subtilis. Soil Biology, 2011, , 255-281.	0.6	2
36	Sulfonated Amphiphilic Poly(α)glutamate Amine—A Potential siRNA Nanocarrier for the Treatment of Both Chemo-Sensitive and Chemo-Resistant Glioblastoma Tumors. Pharmaceutics, 2021, 13, 2199.	2.0	2

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37	Going beyond a whack‑a‑mole game: A systems biology approach to immune tolerance. Clinical and Experimental Neuroimmunology, 2019, 10, 5-6.	0.5	0