

Emily R Miraldi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,799
citations

567281

15
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

5488
citing authors

#	ARTICLE	IF	CITATIONS
1	Sparse and Compositionally Robust Inference of Microbial Ecological Networks. <i>PLoS Computational Biology</i> , 2015, 11, e1004226.	3.2	1,089
2	An IL-23R/IL-22 Circuit Regulates Epithelial Serum Amyloid A to Promote Local Effector Th17 Responses. <i>Cell</i> , 2015, 163, 381-393.	28.9	474
3	CX3CR1+ mononuclear phagocytes support colitis-associated innate lymphoid cell production of IL-22. <i>Journal of Experimental Medicine</i> , 2014, 211, 1571-1583.	8.5	320
4	DDX5 and its associated lncRNA Rmrp modulate TH17 cell effector functions. <i>Nature</i> , 2015, 528, 517-522.	27.8	154
5	Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. <i>Nature Immunology</i> , 2017, 18, 412-421.	14.5	103
6	Leveraging chromatin accessibility for transcriptional regulatory network inference in T Helper 17 Cells. <i>Genome Research</i> , 2019, 29, 449-463.	5.5	87
7	TOP1 inhibition therapy protects against SARS-CoV-2-induced lethal inflammation. <i>Cell</i> , 2021, 184, 2618-2632.e17.	28.9	80
8	Characterization of Transcriptional Regulatory Networks that Promote and Restrict Identities and Functions of Intestinal Innate Lymphoid Cells. <i>Immunity</i> , 2019, 51, 185-197.e6.	14.3	72
9	Allosteric Models for Cooperative Polymerization of Linear Polymers. <i>Biophysical Journal</i> , 2008, 95, 2470-2486.	0.5	71
10	Multi-study inference of regulatory networks for more accurate models of gene regulation. <i>PLoS Computational Biology</i> , 2019, 15, e1006591.	3.2	67
11	IL-10-producing Tfh cells accumulate with age and link inflammation with age-related immune suppression. <i>Science Advances</i> , 2020, 6, eabb0806.	10.3	67
12	Phosphotyrosine signaling analysis of site-specific mutations on EGFRvIII identifies determinants governing glioblastoma cell growth. <i>Molecular BioSystems</i> , 2010, 6, 1227.	2.9	40
13	Global discovery of lupus genetic risk variant allelic enhancer activity. <i>Nature Communications</i> , 2021, 12, 1611.	12.8	39
14	Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. <i>Cell</i> , 2020, 181, 1502-1517.e23.	28.9	33
15	High-performance single-cell gene regulatory network inference at scale: the Inferelator 3.0. <i>Bioinformatics</i> , 2022, 38, 2519-2528.	4.1	32
16	Genotet: An Interactive Web-based Visual Exploration Framework to Support Validation of Gene Regulatory Networks. <i>IEEE Transactions on Visualization and Computer Graphics</i> , 2014, 20, 1903-1912.	4.4	11
17	Inflammatory blockade prevents injury to the developing pulmonary gas exchange surface in preterm primates. <i>Science Translational Medicine</i> , 2022, 14, eabl8574.	12.4	10
18	Alternative Activation of Macrophages Is Accompanied by Chromatin Remodeling Associated with Lineage-Dependent DNA Shape Features Flanking PU.1 Motifs. <i>Journal of Immunology</i> , 2020, 205, 1070-1083.	0.8	7

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19	Deciphering cis-regulatory grammar with deep learning. <i>Nature Genetics</i> , 2021, 53, 266-268.	21.4	6
20	Not Chopped Liver—A Careful, Fate-Mapping Study of Macrophages in NASH. <i>Cell Metabolism</i> , 2020, 32, 328-330.	16.2	4