# Emily R Miraldi

List of Publications by Year
in descending order

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|---|---|---|---|
| 20 papers | 2,799 citations | 567281<br>15 h-index | 677142<br>22 g-index |
| 24 all docs | 24 docs citations | 24 times ranked | 5488 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | High-performance single-cell gene regulatory network inference at scale: the Inferelator 3.0. Bioinformatics, 2022, 38, 2519-2528. | 4.1 | 32 |
| 2 | Inflammatory blockade prevents injury to the developing pulmonary gas exchange surface in preterm primates. Science Translational Medicine, 2022, 14, eabl8574. | 12.4 | 10 |
| 3 | Deciphering cis-regulatory grammar with deep learning. Nature Genetics, 2021, 53, 266-268. | 21.4 | 6 |
| 4 | Global discovery of lupus genetic risk variant allelic enhancer activity. Nature Communications, 2021, 12, 1611. | 12.8 | 39 |
| 5 | TOP1 inhibition therapy protects against SARS-CoV-2-induced lethal inflammation. Cell, 2021, 184, 2618-2632.e17. | 28.9 | 80 |
| 6 | Alternative Activation of Macrophages Is Accompanied by Chromatin Remodeling Associated with Lineage-Dependent DNA Shape Features Flanking PU.1 Motifs. Journal of Immunology, 2020, 205, 1070-1083. | 0.8 | 7 |
| 7 | IL-10–producing Tfh cells accumulate with age and link inflammation with age-related immune suppression. Science Advances, 2020, 6, eabb0806. | 10.3 | 67 |
| 8 | Not Chopped Liver—A Careful, Fate-Mapping Study of Macrophages in NASH. Cell Metabolism, 2020, 32, 328-330. | 16.2 | 4 |
| 9 | Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. Cell, 2020, 181, 1502-1517.e23. | 28.9 | 33 |
| 10 | Characterization of Transcriptional Regulatory Networks that Promote and Restrict Identities and Functions of Intestinal Innate Lymphoid Cells. Immunity, 2019, 51, 185-197.e6. | 14.3 | 72 |
| 11 | Leveraging chromatin accessibility for transcriptional regulatory network inference in T Helper 17 Cells. Genome Research, 2019, 29, 449-463. | 5.5 | 87 |
| 12 | Multi-study inference of regulatory networks for more accurate models of gene regulation. PLoS Computational Biology, 2019, 15, e1006591. | 3.2 | 67 |
| 13 | Critical role of IRF1 and BATF in forming chromatin landscape during type 1 regulatory cell differentiation. Nature Immunology, 2017, 18, 412-421. | 14.5 | 103 |
| 14 | DDX5 and its associated lncRNA Rmrp modulate TH17 cell effector functions. Nature, 2015, 528, 517-522. | 27.8 | 154 |
| 15 | Sparse and Compositionally Robust Inference of Microbial Ecological Networks. PLoS Computational Biology, 2015, 11, e1004226. | 3.2 | 1,089 |
| 16 | An IL-23R/IL-22 Circuit Regulates Epithelial Serum Amyloid A to Promote Local Effector Th17 Responses. Cell, 2015, 163, 381-393. | 28.9 | 474 |
| 17 | Genotet: An Interactive Web-based Visual Exploration Framework to Support Validation of Gene Regulatory Networks. IEEE Transactions on Visualization and Computer Graphics, 2014, 20, 1903-1912. | 4.4 | 11 |
| 18 | CX3CR1+ mononuclear phagocytes support colitis-associated innate lymphoid cell production of IL-22. Journal of Experimental Medicine, 2014, 211, 1571-1583. | 8.5 | 320 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Phosphotyrosine signaling analysis of site-specific mutations on EGFRvIII identifies determinants governing glioblastoma cell growth. Molecular BioSystems, 2010, 6, 1227. | 2.9 | 40 |
| 20 | Allosteric Models for Cooperative Polymerization of Linear Polymers. Biophysical Journal, 2008, 95, 2470-2486. | 0.5 | 71 |