

Federico Marini

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

2,158
citations

430874

18
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315739

38
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52
all docs

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docs citations

52
times ranked

3969
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. <i>Immunity</i> , 2015, 43, 92-106.	14.3	506
2	Orchestrating single-cell analysis with Bioconductor. <i>Nature Methods</i> , 2020, 17, 137-145.	19.0	488
3	pcaExplorer: an R/Bioconductor package for interacting with RNA-seq principal components. <i>BMC Bioinformatics</i> , 2019, 20, 331.	2.6	178
4	Integrated longitudinal immunophenotypic, transcriptional, and repertoire analyses delineate immune responses in patients with COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	108
5	iSEE: Interactive SummarizedExperiment Explorer. <i>F1000Research</i> , 2018, 7, 741.	1.6	83
6	Myeloid cellâ€“synthesized coagulation factor X dampens antitumor immunity. <i>Science Immunology</i> , 2019, 4, .	11.9	76
7	Transcriptome 3â€²end organization by PCF11 links alternative polyadenylation to formation and neuronal differentiation of neuroblastoma. <i>Nature Communications</i> , 2018, 9, 5331.	12.8	75
8	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. <i>Nature Communications</i> , 2019, 10, 5722.	12.8	68
9	Bacterial polyphosphates interfere with the innate host defense to infection. <i>Nature Communications</i> , 2020, 11, 4035.	12.8	65
10	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the bloodâ€“brain barrier. <i>Acta Neuropathologica</i> , 2020, 140, 549-567.	7.7	47
11	Microglial A20 Protects the Brain from CD8 T-Cell-Mediated Immunopathology. <i>Cell Reports</i> , 2020, 30, 1585-1597.e6.	6.4	36
12	Targeting prohibitins with chemical ligands inhibits KRAS-mediated lung tumours. <i>Oncogene</i> , 2017, 36, 4778-4789.	5.9	33
13	Genotoxicity testing: Comparison of the Î³H2AX focus assay with the alkaline and neutral comet assays. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2017, 822, 10-18.	1.7	29
14	Promoter-proximal pausing mediated by the exon junction complex regulates splicing. <i>Nature Communications</i> , 2019, 10, 521.	12.8	28
15	A Trans-Specific Polymorphism in ZC3HAV1 Is Maintained by Long-Standing Balancing Selection and May Confer Susceptibility to Multiple Sclerosis. <i>Molecular Biology and Evolution</i> , 2012, 29, 1599-1613.	8.9	27
16	ERK3/MAPK6 controls IL-8 production and chemotaxis. <i>ELife</i> , 2020, 9, .	6.0	25
17	Systematically evaluating interfaces for RNA-seq analysis from a life scientist perspective. <i>Briefings in Bioinformatics</i> , 2016, 17, 213-223.	6.5	23
18	ideal: an R/Bioconductor package for interactive differential expression analysis. <i>BMC Bioinformatics</i> , 2020, 21, 565.	2.6	23

#	ARTICLE	IF	CITATIONS
19	TREND-DBâ€”a transcriptome-wide atlas of the dynamic landscape of alternative polyadenylation. <i>Nucleic Acids Research</i> , 2021, 49, D243-D253.	14.5	23
20	GeneTonic: an R/Bioconductor package for streamlining the interpretation of RNA-seq data. <i>BMC Bioinformatics</i> , 2021, 22, 610.	2.6	21
21	Ischemic stroke and intracranial hemorrhage in patients with recurrent glioblastoma multiforme, treated with bevacizumab. <i>Journal of Neuro-Oncology</i> , 2017, 133, 571-579.	2.9	18
22	Evaluation of the apparent diffusion coefficient in patients with recurrent glioblastoma under treatment with bevacizumab with radiographic pseudoresponse. <i>Journal of Neuroradiology</i> , 2019, 46, 36-43.	1.1	14
23	Novel DNA Methylation Sites Influence GPR15 Expression in Relation to Smoking. <i>Biomolecules</i> , 2018, 8, 74.	4.0	13
24	Development of Applications for Interactive and Reproducible Research: a Case Study. <i>Genomics and Computational Biology</i> , 2017, 3, 39.	0.7	13
25	TAF-ChIP: an ultra-low input approach for genome-wide chromatin immunoprecipitation assay. <i>Life Science Alliance</i> , 2019, 2, e201900318.	2.8	12
26	ERK3/MAPK6 is required for KRAS-mediated NSCLC tumorigenesis. <i>Cancer Gene Therapy</i> , 2021, 28, 359-374.	4.6	9
27	Interactive and Reproducible Workflows for Exploring and Modeling RNAâ€”seq Data with pcaExplorer, Ideal, and GeneTonic. <i>Current Protocols</i> , 2022, 2, e411.	2.9	9
28	Uncontrolled Diabetes Mellitus Has No Major Influence on the Platelet Transcriptome. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	6
29	Health-Relevant Phenotypes in the Offspring of Mice Given CAR Activators Prior to Pregnancy. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1827-1835.	3.3	6
30	An evolutionary history of the selectin gene cluster in humans. <i>Heredity</i> , 2012, 109, 117-126.	2.6	5
31	IRF4 deficiency vulnerates B-cell progeny for leukemogenesis via somatically acquired Jak3 mutations conferring IL-7 hypersensitivity. <i>Cell Death and Differentiation</i> , 2022, 29, 2163-2176.	11.2	5
32	Vessel shape alterations of the vertebrobasilar arteries in Mucopolysaccharidosis type IVa (Morquio) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	2.6	4
33	annoFuse: an R Package to annotate, prioritize, and interactively explore putative oncogenic RNA fusions. <i>BMC Bioinformatics</i> , 2020, 21, 577.	2.6	4
34	Impact of high platelet turnover on the platelet transcriptome: Results from platelet RNA-sequencing in patients with sepsis. <i>PLoS ONE</i> , 2022, 17, e0260222.	2.5	4
35	ARAF suppresses ERBB3 expression and metastasis in a subset of lung cancers. <i>Science Advances</i> , 2022, 8, eabk1538.	10.3	4
36	ExploreModelMatrix: Interactive exploration for improved understanding of design matrices and linear models in R. <i>F1000Research</i> , 2020, 9, 512.	1.6	3

#	ARTICLE	IF	CITATIONS
37	Identification of an Immunogenic Medulloblastoma-Specific Fusion Involving EPC2 and GULP1. <i>Cancers</i> , 2021, 13, 5838.	3.7	3
38	ExploreModelMatrix: Interactive exploration for improved understanding of design matrices and linear models in R. <i>F1000Research</i> , 0, 9, 512.	1.6	0
39	Dose response to methylating agents in the γ -H2AX, SCE and colony formation assays: Effect of MGMT and MPG overexpression. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2022, 876-877, 503462.	1.7	0