Federico Marini

List of Publications by Year
in descending order

39 papers	**2,158** citations	430874 **18** h-index	315739 **38** g-index
52 all docs	**52** docs citations	**52** times ranked	**3969** citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of high platelet turnover on the platelet transcriptome: Results from platelet RNA-sequencing in patients with sepsis. PLoS ONE, 2022, 17, e0260222.	2.5	4
2	Dose response to methylating agents in the Î³H2AX, SCE and colony formation assays: Effect of MGMT and MPG overexpression. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2022, 876-877, 503462.	1.7	0
3	Interactive and Reproducible Workflows for Exploring and Modeling RNAâ€seq Data with pcaExplorer, Ideal, and GeneTonic. Current Protocols, 2022, 2, e411.	2.9	9
4	IRF4 deficiency vulneres B-cell progeny for leukemogenesis via somatically acquired Jak3 mutations conferring IL-7 hypersensitivity. Cell Death and Differentiation, 2022, 29, 2163-2176.	11.2	5
5	ARAF suppresses ERBB3 expression and metastasis in a subset of lung cancers. Science Advances, 2022, 8, eabk1538.	10.3	4
6	ERK3/MAPK6 is required for KRAS-mediated NSCLC tumorigenesis. Cancer Gene Therapy, 2021, 28, 359-374.	4.6	9
7	TREND-DBâ€"a transcriptome-wide atlas of the dynamic landscape of alternative polyadenylation. Nucleic Acids Research, 2021, 49, D243-D253.	14.5	23
8	Integrated longitudinal immunophenotypic, transcriptional, and repertoire analyses delineate immune responses in patients with COVID-19. Science Immunology, 2021, 6, .	11.9	108
9	Identification of an Immunogenic Medulloblastoma-Specific Fusion Involving EPC2 and GULP1. Cancers, 2021, 13, 5838.	3.7	3
10	GeneTonic: an R/Bioconductor package for streamlining the interpretation of RNA-seq data. BMC Bioinformatics, 2021, 22, 610.	2.6	21
11	Orchestrating single-cell analysis with Bioconductor. Nature Methods, 2020, 17, 137-145.	19.0	488
12	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the bloodâ€"brain barrier. Acta Neuropathologica, 2020, 140, 549-567.	7.7	47
13	Bacterial polyphosphates interfere with the innate host defense to infection. Nature Communications, 2020, 11, 4035.	12.8	65
14	ideal: an R/Bioconductor package for interactive differential expression analysis. BMC Bioinformatics, 2020, 21, 565.	2.6	23
15	annoFuse: an R Package to annotate, prioritize, and interactively explore putative oncogenic RNA fusions. BMC Bioinformatics, 2020, 21, 577.	2.6	4
16	Microglial A20 Protects the Brain from CD8 T-Cell-Mediated Immunopathology. Cell Reports, 2020, 30, 1585-1597.e6.	6.4	36
17	ERK3/MAPK6 controls IL-8 production and chemotaxis. ELife, 2020, 9, .	6.0	25
18	ExploreModelMatrix: Interactive exploration for improved understanding of design matrices and linear models in R. F1000Research, 2020, 9, 512.	1.6	3

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19	Evaluation of the apparent diffusion coefficient in patients with recurrent glioblastoma under treatment with bevacizumab with radiographic pseudoresponse. Journal of Neuroradiology, 2019, 46, 36-43.	1.1	14
20	pcaExplorer: an R/Bioconductor package for interacting with RNA-seq principal components. BMC Bioinformatics, 2019, 20, 331.	2.6	178
21	Myeloid cell–synthesized coagulation factor X dampens antitumor immunity. Science Immunology, 2019, 4, .	11.9	76
22	Promoter-proximal pausing mediated by the exon junction complex regulates splicing. Nature Communications, 2019, 10, 521.	12.8	28
23	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. Nature Communications, 2019, 10, 5722.	12.8	68
24	TAF-ChIP: an ultra-low input approach for genome-wide chromatin immunoprecipitation assay. Life Science Alliance, 2019, 2, e201900318.	2.8	12
25	Transcriptome 3′end organization by PCF11 links alternative polyadenylation to formation and neuronal differentiation of neuroblastoma. Nature Communications, 2018, 9, 5331.	12.8	75
26	Uncontrolled Diabetes Mellitus Has No Major Influence on the Platelet Transcriptome. BioMed Research International, 2018, 2018, 1-9.	1.9	6
27	Health-Relevant Phenotypes in the Offspring of Mice Given CAR Activators Prior to Pregnancy. Drug Metabolism and Disposition, 2018, 46, 1827-1835.	3.3	6
28	Novel DNA Methylation Sites Influence GPR15 Expression in Relation to Smoking. Biomolecules, 2018, 8, 74.	4.0	13
29	iSEE: Interactive SummarizedExperiment Explorer. F1000Research, 2018, 7, 741.	1.6	83
30	Targeting prohibitins with chemical ligands inhibits KRAS-mediated lung tumours. Oncogene, 2017, 36, 4778-4789.	5.9	33
31	Genotoxicity testing: Comparison of the γH2AX focus assay with the alkaline and neutral comet assays. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 822, 10-18.	1.7	29
32	Ischemic stroke and intracranial hemorrhage in patients with recurrent glioblastoma multiforme, treated with bevacizumab. Journal of Neuro-Oncology, 2017, 133, 571-579.	2.9	18
33	Vessel shape alterations of the vertebrobasilar arteries in Mucopolysaccharidosis type IVa (Morquio) Tj ETQq1 1 0.784314 rgBT /Overl	2.6	4
34	Development of Applications for Interactive and Reproducible Research: a Case Study. Genomics and Computational Biology, 2017, 3, 39.	0.7	13
35	Systematically evaluating interfaces for RNA-seq analysis from a life scientist perspective. Briefings in Bioinformatics, 2016, 17, 213-223.	6.5	23
36	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. Immunity, 2015, 43, 92-106.	14.3	506

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37	A Trans-Specific Polymorphism in ZC3HAV1 Is Maintained by Long-Standing Balancing Selection and May Confer Susceptibility to Multiple Sclerosis. Molecular Biology and Evolution, 2012, 29, 1599-1613.	8.9	27
38	An evolutionary history of the selectin gene cluster in humans. Heredity, 2012, 109, 117-126.	2.6	5
39	ExploreModelMatrix: Interactive exploration for improved understanding of design matrices and linear models in R. F1000Research, 0, 9, 512.	1.6	0