

Sara Brin Rosenthal

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

5,882
citations

394286

19
h-index

414303

32
g-index

35
all docs

35
docs citations

35
times ranked

12732
citing authors

#	ARTICLE	IF	CITATIONS
1	A SARS-CoV-2 protein interaction map reveals targets for drug repurposing. <i>Nature</i> , 2020, 583, 459-468.	13.7	3,542
2	Revealing the hidden networks of interaction in mobile animal groups allows prediction of complex behavioral contagion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 4690-4695.	3.3	381
3	Visual sensory networks and effective information transfer in animal groups. <i>Current Biology</i> , 2013, 23, R709-R711.	1.8	343
4	Functional landscape of SARS-CoV-2 cellular restriction. <i>Molecular Cell</i> , 2021, 81, 2656-2668.e8.	4.5	137
5	Multivariate analysis of 1.5 million people identifies genetic associations with traits related to self-regulation and addiction. <i>Nature Neuroscience</i> , 2021, 24, 1367-1376.	7.1	137
6	IL-17 signaling in steatotic hepatocytes and macrophages promotes hepatocellular carcinoma in alcohol-related liver disease. <i>Journal of Hepatology</i> , 2020, 72, 946-959.	1.8	113
7	Identification of Lineage-Specific Transcription Factors That Prevent Activation of Hepatic Stellate Cells and Promote Fibrosis Resolution. <i>Gastroenterology</i> , 2020, 158, 1728-1744.e14.	0.6	112
8	A Multiscale Map of the Stem Cell State in Pancreatic Adenocarcinoma. <i>Cell</i> , 2019, 177, 572-586.e22.	13.5	107
9	Ten simple rules for writing and sharing computational analyses in Jupyter Notebooks. <i>PLoS Computational Biology</i> , 2019, 15, e1007007.	1.5	86
10	Activated hepatic stellate cells and portal fibroblasts contribute to cholestatic liver fibrosis in MDR2 knockout mice. <i>Journal of Hepatology</i> , 2019, 71, 573-585.	1.8	83
11	The evolution of distributed sensing and collective computation in animal populations. <i>ELife</i> , 2015, 4, e10955.	2.8	77
12	Heterogeneity of HSCs in a Mouse Model of NASH. <i>Hepatology</i> , 2021, 74, 667-685.	3.6	71
13	Integrating Gene and Protein Expression Reveals Perturbed Functional Networks in Alzheimer's Disease. <i>Cell Reports</i> , 2019, 28, 1103-1116.e4.	2.9	67
14	A Network of SLC and ABC Transporter and DME Genes Involved in Remote Sensing and Signaling in the Gut-Liver-Kidney Axis. <i>Scientific Reports</i> , 2019, 9, 11879.	1.6	47
15	Multi-omic comparison of Alzheimer's variants in human ESC-derived microglia reveals convergence at <i>APOE</i> . <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	41
16	Serum metabolomic profiling predicts synovial gene expression in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2018, 20, 164.	1.6	36
17	Map of synthetic rescue interactions for the Fanconi anemia DNA repair pathway identifies USP48. <i>Nature Communications</i> , 2018, 9, 2280.	5.8	34
18	Discovery of genomic loci of the human cerebral cortex using genetically informed brain atlases. <i>Science</i> , 2022, 375, 522-528.	6.0	31

#	ARTICLE	IF	CITATIONS
19	Restriction factor compendium for influenza A virus reveals a mechanism for evasion of autophagy. <i>Nature Microbiology</i> , 2021, 6, 1319-1333.	5.9	23
20	Inflammation-driven deaminase deregulation fuels human pre-leukemia stem cell evolution. <i>Cell Reports</i> , 2021, 34, 108670.	2.9	22
21	Revisiting Antipsychotic Drug Actions Through Gene Networks Associated With Schizophrenia. <i>American Journal of Psychiatry</i> , 2018, 175, 674-682.	4.0	20
22	Primary Alcohol-Activated Human and Mouse Hepatic Stellate Cells Share Similarities in Gene Expression Profiles. <i>Hepatology Communications</i> , 2020, 4, 606-626.	2.0	20
23	NASA GeneLab RNA-seq consensus pipeline: Standardized processing of short-read RNA-seq data. <i>IScience</i> , 2021, 24, 102361.	1.9	20
24	A convergent molecular network underlying autism and congenital heart disease. <i>Cell Systems</i> , 2021, 12, 1094-1107.e6.	2.9	19
25	Nonalcoholic Steatohepatitis and HCC in a Hyperphagic Mouse Accelerated by Western Diet. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 12, 891-920.	2.3	17
26	Interactive network visualization in Jupyter notebooks: visJS2jupyter. <i>Bioinformatics</i> , 2018, 34, 126-128.	1.8	14
27	Nondegradable Collagen Increases Liver Fibrosis but Not Hepatocellular Carcinoma in Mice. <i>American Journal of Pathology</i> , 2021, 191, 1564-1579.	1.9	10
28	Metabolomic profiles associated with a mouse model of antipsychotic-induced food intake and weight gain. <i>Scientific Reports</i> , 2020, 10, 18581.	1.6	9
29	Mapping the gene network landscape of Alzheimer's disease through integrating genomics and transcriptomics. <i>PLoS Computational Biology</i> , 2022, 18, e1009903.	1.5	9
30	Similar Genetic Architecture of Alzheimer's Disease and Differential APOE Effect Between Sexes. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 674318.	1.7	8
31	Nonalcoholic fatty liver disease risk and histologic severity are associated with genetic polymorphisms in children. <i>Hepatology</i> , 2023, 77, 197-212.	3.6	8
32	Characteristics Of Likely Precision Medicine Initiative Participants Drawn From A Large Blood Donor Population. <i>Health Affairs</i> , 2018, 37, 786-792.	2.5	6
33	Clustering of Genetic Effects on Cortical Morphology and Links to Psychiatric Disorders. <i>Biological Psychiatry</i> , 2022, 91, S76-S77.	0.7	0