Stephen M Pederson

List of Publications by Year
in descending order

35 papers	931 citations	516215 16 h-index	500791 28 g-index
50 all docs	50 docs citations	50 times ranked	1700 citing authors

#	Article	IF	Citations
1	Genome-Wide Identification of Human FOXP3 Target Genes in Natural Regulatory T Cells. Journal of Immunology, 2010, 185, 1071-1081.	0.4	128
2	Novel Insights into Staphylococcus aureus Deep Bone Infections: the Involvement of Osteocytes. MBio, 2018, 9, .	1.8	114
3	FOXP3 and FOXP3-regulated microRNAs suppress SATB1 in breast cancer cells. Oncogene, 2012, 31, 1045-1054.	2.6	85
4	ngsReports: a Bioconductor package for managing FastQC reports and other NGS related log files. Bioinformatics, 2020, 36, 2587-2588.	1.8	66
5	PCDH19 regulation of neural progenitor cell differentiation suggests asynchrony of neurogenesis as a mechanism contributing to PCDH19 Girls Clustering Epilepsy. Neurobiology of Disease, 2018, 116, 106-119.	2.1	39
6	Accelerated brain aging towards transcriptional inversion in a zebrafish model of the K115fs mutation of human PSEN2. PLoS ONE, 2020, 15, e0227258.	1.1	38
7	Zinc is a critical regulator of placental morphogenesis and maternal hemodynamics during pregnancy in mice. Scientific Reports, 2017, 7, 15137.	1.6	37
8	Brain transcriptome analysis of a familial Alzheimerâ€™s disease-like mutation in the zebrafish presenilin 1 gene implies effects on energy production. Molecular Brain, 2019, 12, 43.	1.3	33
9	Peptidase inhibitor 16 identifies a human regulatory Tâ€cell subset with reduced FOXP3 expression over the first year of recent onset type 1 diabetes. European Journal of Immunology, 2019, 49, 1235-1250.	1.6	26
10	The effects of short-term and long-term environmental enrichment on locomotion, mood-like behavior, cognition and hippocampal gene expression. Behavioural Brain Research, 2019, 368, 111917.	1.2	26
11	ACKR4 restrains antitumor immunity by regulating CCL21. Journal of Experimental Medicine, 2020, 217, .	4.2	25
12	Unravelling the molecular basis for regulatory Tâ€cell plasticity and loss of function in disease. Clinical and Translational Immunology, 2018, 7, e1011.	1.7	23
13	Salt Stress Induces Non-CG Methylation in Coding Regions of Barley Seedlings (Hordeum vulgare). Epigenomes, 2018, 2, 12.	0.8	21
14	FOXP3 and miR-155 cooperate to control the invasive potential of human breast cancer cells by down regulating ZEB2 independently of ZEB1. Oncotarget, 2018, 9, 27708-27727.	0.8	20
15	Transposable elements and gene expression during the evolution of amniotes. Mobile DNA, 2018, 9, 17.	1.3	19
16	Ceasing exercise induces depression-like, anxiety-like, and impaired cognitive-like behaviours and altered hippocampal gene expression. Brain Research Bulletin, 2019, 148, 118-130.	1.4	19
17	Effects of aging on the motor, cognitive and affective behaviors, neuroimmune responses and hippocampal gene expression. Behavioural Brain Research, 2020, 383, 112501.	1.2	18
18	Iron Responsive Element-Mediated Responses to Iron Dyshomeostasis in Alzheimerâ€™s Disease. Journal of Alzheimer's Disease, 2021, 84, 1597-1630.	1.2	18

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19	Rare variants in Fanconi anemia genes are enriched in acute myeloid leukemia. Blood Cancer Journal, 2018, 8, 50.	2.8	17
20	Short-term environmental enrichment, and not physical exercise, alleviate cognitive decline and anxiety from middle age onwards without affecting hippocampal gene expression. Cognitive, Affective and Behavioral Neuroscience, 2019, 19, 1143-1169.	1.0	17
21	Resistance to <scp>RHD</scp> virus in wild Australian rabbits: Comparison of susceptible and resistant individuals using a genomewide approach. Molecular Ecology, 2017, 26, 4551-4561.	2.0	14
22	Molecular Insights Into Regulatory T-Cell Adaptation to Self, Environment, and Host Tissues: Plasticity or Loss of Function in Autoimmune Disease. Frontiers in Immunology, 2020, 11, 1269.	2.2	14
23	Inhibition of activation induced CD154 on CD4 + CD25 â˜’ cells: a valid surrogate for human Treg suppressor function. Immunology and Cell Biology, 2012, 90, 812-821.	1.0	12
24	Genome-Wide Analysis of the Association of Transposable Elements with Gene Regulation Suggests that Alu Elements Have the Largest Overall Regulatory Impact. Journal of Computational Biology, 2018, 25, 551-562.	0.8	12
25	Metal resistant bacteria on gold particles: Implications of how anthropogenic contaminants could affect natural gold biogeochemical cycling. Science of the Total Environment, 2020, 727, 138698.	3.9	9
26	Specific growth conditions induce a Streptococcus pneumoniae non-mucoidal, small colony variant and determine the outcome of its co-culture with Haemophilus influenzae. Pathogens and Disease, 2018, 76, .	0.8	8
27	Transcriptome analyses of 7-day-old zebrafish larvae possessing a familial Alzheimerâ€™s disease-like mutation in psen1 indicate effects on oxidative phosphorylation, ECM and MCM functions, and iron homeostasis. BMC Genomics, 2021, 22, 211.	1.2	8
28	Renal sympathetic denervation increases renal blood volume per cardiac cycle: a serial magnetic resonance imaging study in resistant hypertension. International Journal of Nephrology and Renovascular Disease, 2017, Volume 10, 243-249.	0.8	6
29	Effects of renal sympathetic denervation on myocardial structure, function and perfusion: A serial CMR study. Atherosclerosis, 2018, 272, 207-215.	0.4	5
30	Zebrafish Chromosome 14 Gene Differential Expression in the fmr1hu2787 Model of Fragile X Syndrome. Frontiers in Genetics, 2021, 12, 625466.	1.1	4
31	Adaptive changes in the genomes of wild rabbits after 16 years of viral epidemics. Molecular Ecology, 2020, 29, 3777-3794.	2.0	3
32	Seeing the forest through the trees: prioritising potentially functional interactions from Hi-C. Epigenetics and Chromatin, 2021, 14, 41.	1.8	3
33	Placental Transcription Profiling in 6â€“23 Weeksâ€™ Gestation Reveals Differential Transcript Usage in Early Development. International Journal of Molecular Sciences, 2022, 23, 4506.	1.8	3
34	3DFAACTS-SNP: using regulatory T cell-specific epigenomics data to uncover candidate mechanisms of type 1 diabetes (T1D) risk. Epigenetics and Chromatin, 2022, 15, .	1.8	2
35	strandCheckR: An R package for quantifying and removing double strand sequences for strand-specific RNA-seq. Journal of Open Source Software, 2019, 4, 1145.	2.0	0