

# Stephen D Turner

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

5,056  
citations

172207

29  
h-index

149479

56  
g-index

109  
all docs

109  
docs citations

109  
times ranked

11330  
citing authors

#	ARTICLE	IF	CITATIONS
1	qqman: an R package for visualizing GWAS results using Q-Q and manhattan plots. <i>Journal of Open Source Software</i> , 2018, 3, 731.	2.0	565
2	Unexpected role of interferon- $\beta$ in regulating neuronal connectivity and social behaviour. <i>Nature</i> , 2016, 535, 425-429.	13.7	507
3	Quality Control Procedures for Genome-Wide Association Studies. <i>Current Protocols in Human Genetics</i> , 2011, 68, Unit1.19.	3.5	259
4	Whole-Genome Sequencing in Outbreak Analysis. <i>Clinical Microbiology Reviews</i> , 2015, 28, 541-563.	5.7	200
5	Glucagon Regulates Hepatic Kisspeptin to Impair Insulin Secretion. <i>Cell Metabolism</i> , 2014, 19, 667-681.	7.2	168
6	Activation of the pluripotency factor OCT4 in smooth muscle cells is atheroprotective. <i>Nature Medicine</i> , 2016, 22, 657-665.	15.2	165
7	Macrophages redirect phagocytosis by non-professional phagocytes and influence inflammation. <i>Nature</i> , 2016, 539, 570-574.	13.7	165
8	Methyl-CpG Binding Protein 2 Regulates Microglia and Macrophage Gene Expression in Response to Inflammatory Stimuli. <i>Immunity</i> , 2015, 42, 679-691.	6.6	157
9	Essential Role of Neutrophils in Germ Cell-Specific Apoptosis Following Ischemia/Reperfusion Injury of the Mouse Testis1. <i>Biology of Reproduction</i> , 2001, 65, 718-725.	1.2	148
10	<i>Klebsiella pneumoniae</i> Carbapenemase (KPC)-Producing <i>K. pneumoniae</i> at a Single Institution: Insights into Endemicity from Whole-Genome Sequencing. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 1656-1663.	1.4	140
11	Evaluation of individual and ensemble probabilistic forecasts of COVID-19 mortality in the United States. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, e2113561119.	3.3	136
12	Molecular Pathway of Germ Cell Apoptosis Following Ischemia/Reperfusion of the Rat Testis1. <i>Biology of Reproduction</i> , 2000, 63, 1465-1472.	1.2	113
13	Sex differences in the late first trimester human placenta transcriptome. <i>Biology of Sex Differences</i> , 2018, 9, 4.	1.8	109
14	Characterization of the nasopharyngeal microbiota in health and during rhinovirus challenge. <i>Microbiome</i> , 2014, 2, 22.	4.9	107
15	IL-33 drives group 2 innate lymphoid cell-mediated protection during <i>Clostridium difficile</i> infection. <i>Nature Communications</i> , 2019, 10, 2712.	5.8	93
16	Targetable T-type Calcium Channels Drive Glioblastoma. <i>Cancer Research</i> , 2017, 77, 3479-3490.	0.4	79
17	Acid ceramidase is upregulated in AML and represents a novel therapeutic target. <i>Oncotarget</i> , 2016, 7, 83208-83222.	0.8	73
18	Pitfalls of merging GWAS data: lessons learned in the eMERGE network and quality control procedures to maintain high data quality. <i>Genetic Epidemiology</i> , 2011, 35, 887-898.	0.6	71

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19	Impact of Low Dose Oral Exposure to Bisphenol A (BPA) on the Neonatal Rat Hypothalamic and Hippocampal Transcriptome: A CLARITY-BPA Consortium Study. <i>Endocrinology</i> , 2016, 157, 3856-3872.	1.4	71
20	Neuromedin B Expression Defines the Mouse Retrotrapezoid Nucleus. <i>Journal of Neuroscience</i> , 2017, 37, 11744-11757.	1.7	61
21	Knowledge-Driven Multi-Locus Analysis Reveals Gene-Gene Interactions Influencing HDL Cholesterol Level in Two Independent EMR-Linked Biobanks. <i>PLoS ONE</i> , 2011, 6, e19586.	1.1	60
22	Endothelial miR-30c suppresses tumor growth via inhibition of TGF- $\beta$ -induced Serpine1. <i>Journal of Clinical Investigation</i> , 2019, 129, 1654-1670.	3.9	60
23	Validation of high throughput sequencing and microbial forensics applications. <i>Investigative Genetics</i> , 2014, 5, 9.	3.3	59
24	Predicting Total, Abdominal, Visceral and Hepatic Adiposity with Circulating Biomarkers in Caucasian and Japanese American Women. <i>PLoS ONE</i> , 2012, 7, e43502.	1.1	51
25	Prevalence and extent of heteroresistance by next generation sequencing of multidrug-resistant tuberculosis. <i>PLoS ONE</i> , 2017, 12, e0176522.	1.1	51
26	Sexually Dimorphic Crosstalk at the Maternal-Fetal Interface. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4831-e4847.	1.8	48
27	Lysolecithin as feed additive enhances collagen expression and villus length in the jejunum of broiler chickens. <i>Poultry Science</i> , 2017, 96, 2889-2898.	1.5	47
28	ATHENA: A knowledge-based hybrid backpropagation-grammatical evolution neural network algorithm for discovering epistasis among quantitative trait Loci. <i>BioData Mining</i> , 2010, 3, 5.	2.2	43
29	RNA sequencing analysis of the developing chicken retina. <i>Scientific Data</i> , 2016, 3, 160117.	2.4	39
30	Comparative Transcriptomic Analysis Identifies a Range of Immunologically Related Functional Elaborations of Lymph Node Associated Lymphatic and Blood Endothelial Cells. <i>Frontiers in Immunology</i> , 2019, 10, 816.	2.2	35
31	Identification of renin progenitors in the mouse bone marrow that give rise to B-cell leukaemia. <i>Nature Communications</i> , 2014, 5, 3273.	5.8	30
32	Electronic medical records and genomics (eMERGE) network exploration in cataract: several new potential susceptibility loci. <i>Molecular Vision</i> , 2014, 20, 1281-95.	1.1	27
33	Gut microbiome communication with bone marrow regulates susceptibility to amebiasis. <i>Journal of Clinical Investigation</i> , 2020, 130, 4019-4024.	3.9	22
34	RF/6A Chorioretinal Cells Do Not Display Key Endothelial Phenotypes. , 2018, 59, 5795.		18
35	Characterization of APOBEC3 variation in a population of HIV-1 infected individuals in northern South Africa. <i>BMC Medical Genetics</i> , 2019, 20, 21.	2.1	18
36	Identification of Biomarkers to Assess Organ Quality and Predict Posttransplantation Outcomes. <i>Transplantation</i> , 2012, 94, 851-858.	0.5	17

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37	Inflammation Triggers Liver X Receptor-Dependent Lipogenesis. <i>Molecular and Cellular Biology</i> , 2020, 40, .	1.1	17
38	<i>Mycobacterium avium</i> Complex Diversity within Lung Disease, as Revealed by Whole-Genome Sequencing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 393-396.	2.5	16
39	Alterations in microRNA Expression in a Murine Model of Diet-Induced Vasculogenic Erectile Dysfunction. <i>Journal of Sexual Medicine</i> , 2015, 12, 621-630.	0.3	14
40	Incomplete Freund's adjuvant reduces arginase and enhances Th1 dominance, TLR signaling and CD40 ligand expression in the vaccine site microenvironment. , 2020, 8, e000544.		13
41	A General Framework for Formal Tests of Interaction after Exhaustive Search Methods with Applications to MDR and MDR-PDT. <i>PLoS ONE</i> , 2010, 5, e9363.	1.1	13
42	Initialization parameter sweep in ATHENA. , 2010, 12, 203-210.		12
43	Multiparametric Analysis of Host Response to Murine Cytomegalovirus in MHC Class II-Disparate Mice Reveals Primacy of D $\alpha$ -Licensed Ly49G2+ NK Cells in Viral Control. <i>Journal of Immunology</i> , 2013, 191, 4709-4719.	0.4	12
44	Role of JNK during buccopharyngeal membrane perforation, the last step of embryonic mouth formation. <i>Developmental Dynamics</i> , 2017, 246, 100-115.	0.8	12
45	Tgif1 and Tgif2 Repress Expression of the RabGAP Evi5l. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	12
46	Differential gene expression during placentation in pregnancies conceived with different fertility treatments compared with spontaneous pregnancies. <i>Fertility and Sterility</i> , 2019, 111, 535-546.	0.5	12
47	Annotated Manhattan plots and QQ plots for GWAS using R, Revisited. <i>Nature Precedings</i> , 0, , .	0.1	10
48	Xanthophylls lutein and zeaxanthin modify gene expression and induce synthesis of hyaluronan in keratinocyte model of human skin. <i>Biochemistry and Biophysics Reports</i> , 2015, 4, 52-58.	0.7	10
49	Methods for optimizing statistical analyses in pharmacogenomics research. <i>Expert Review of Clinical Pharmacology</i> , 2009, 2, 559-570.	1.3	9
50	Investigation of Genetic Variants Associated with Alzheimer Disease in Parkinson Disease Cognition. <i>Journal of Parkinson's Disease</i> , 2016, 6, 119-124.	1.5	9
51	Alteration of transporter activities in the epididymides of infertile initial segment-specific Pten knockout mice. <i>Biology of Reproduction</i> , 2018, 99, 536-545.	1.2	9
52	TGF $\beta$ 2 signaling limits lineage plasticity in prostate cancer. <i>PLoS Genetics</i> , 2018, 14, e1007409.	1.5	9
53	Transcriptome analysis of <i>Xenopus</i> orofacial tissues deficient in retinoic acid receptor function. <i>BMC Genomics</i> , 2018, 19, 795.	1.2	8
54	Fine-Mapping IGF1 and Prostate Cancer Risk in African Americans: The Multiethnic Cohort Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 1928-1932.	1.1	7

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55	Normal table of embryonic development in the four-toed salamander, <i>Hemidactylium scutatum</i> . <i>Mechanisms of Development</i> , 2015, 136, 99-110.	1.7	6
56	Characterization and comparison of innate and adaptive immune responses at vaccine sites in melanoma vaccine clinical trials. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 2151-2164.	2.0	6
57	E-liquids and vanillin flavoring disrupts retinoic acid signaling and causes craniofacial defects in <i>Xenopus</i> embryos. <i>Developmental Biology</i> , 2022, 481, 14-29.	0.9	6
58	A deletion in <i>Eml1</i> leads to bilateral subcortical heterotopia in the tish rat. <i>Neurobiology of Disease</i> , 2020, 140, 104836.	2.1	4
59	MULTIVARIATE ANALYSIS OF REGULATORY SNPS: EMPOWERING PERSONAL GENOMICS BY CONSIDERING CIS-EPISTASIS AND HETEROGENEITY. , 2010, , 276-287.		4
60	DNA methylation profiles unique to Kalahari KhoeSan individuals. <i>Epigenetics</i> , 2021, 16, 537-553.	1.3	2
61	Annotated Manhattan plots and QQ plots for GWAS using R, Revisited. <i>Nature Precedings</i> , 0, , .	0.1	1
62	vcferr: Development, validation, and application of a single nucleotide polymorphism genotyping error simulation framework. <i>F1000Research</i> , 0, 11, 775.	0.8	1
63	Lack of Association between Single Nucleotide Polymorphism rs3811647 in the TF Gene and Iron Status in Patients with Iron Deficiency and Control Subjects. <i>Blood</i> , 2010, 116, 4257-4257.	0.6	0