

Scott A Givan

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

9,341
citations

126907

33
h-index

206112

48
g-index

49
all docs

49
docs citations

49
times ranked

12519
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Throughput Sequencing of Arabidopsis microRNAs: Evidence for Frequent Birth and Death of MIRNA Genes. PLoS ONE, 2007, 2, e219.	2.5	1,100
2	The genome of woodland strawberry (<i>Fragaria vesca</i>). Nature Genetics, 2011, 43, 109-116.	21.4	1,091
3	Genome Streamlining in a Cosmopolitan Oceanic Bacterium. Science, 2005, 309, 1242-1245.	12.6	1,034
4	Genome-wide mapping of alternative splicing in <i>Arabidopsis thaliana</i> . Genome Research, 2010, 20, 45-58.	5.5	825
5	Expression of Arabidopsis MIRNA Genes. Plant Physiology, 2005, 138, 2145-2154.	4.8	626
6	Network Discovery Pipeline Elucidates Conserved Time-of-Day-Specific cis-Regulatory Modules. PLoS Genetics, 2008, 4, e14.	3.5	474
7	Genome-Wide Profiling and Analysis of Arabidopsis siRNAs. PLoS Biology, 2007, 5, e57.	5.6	473
8	Genome-wide discovery and characterization of maize long non-coding RNAs. Genome Biology, 2014, 15, R40.	9.6	419
9	Genome-Wide Analysis of the RNA-DEPENDENT RNA POLYMERASE6/DICER-LIKE4 Pathway in Arabidopsis Reveals Dependency on miRNA- and tasiRNA-Directed Targeting. Plant Cell, 2007, 19, 926-942.	6.6	381
10	The Diurnal Project: Diurnal and Circadian Expression Profiling, Model-based Pattern Matching, and Promoter Analysis. Cold Spring Harbor Symposia on Quantitative Biology, 2007, 72, 353-363.	1.1	358
11	Effects of Vendor and Genetic Background on the Composition of the Fecal Microbiota of Inbred Mice. PLoS ONE, 2015, 10, e0116704.	2.5	268
12	MicroRNA Gene Evolution in <i>Arabidopsis lyrata</i> and <i>Arabidopsis thaliana</i> . Plant Cell, 2010, 22, 1074-1089.	6.6	234
13	The small genome of an abundant coastal ocean methylotroph. Environmental Microbiology, 2008, 10, 1771-1782.	3.8	197
14	ASRP: the Arabidopsis Small RNA Project Database. Nucleic Acids Research, 2004, 33, D637-D640.	14.5	173
15	The influence of caging, bedding, and diet on the composition of the microbiota in different regions of the mouse gut. Scientific Reports, 2018, 8, 4065.	3.3	137
16	Effects of exposure to bisphenol A and ethinyl estradiol on the gut microbiota of parents and their offspring in a rodent model. Gut Microbes, 2016, 7, 471-485.	9.8	121
17	Computational and analytical framework for small RNA profiling by high-throughput sequencing. Rna, 2009, 15, 992-1002.	3.5	112
18	Ctf3p, the Mis6 budding yeast homolog, interacts with Mcm22p and Mcm16p at the yeast outer kinetochore. Genes and Development, 2002, 16, 101-113.	5.9	111

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19	GTPase-Activating Proteins for Cdc42. <i>Eukaryotic Cell</i> , 2002, 1, 469-480.	3.4	109
20	Natural variation in SAR11 marine bacterioplankton genomes inferred from metagenomic data. <i>Biology Direct</i> , 2007, 2, 27.	4.6	95
21	Gut Dysbiosis and Neurobehavioral Alterations in Rats Exposed to Silver Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 2822.	3.3	91
22	Polyphyletic photosynthetic reaction centre genes in oligotrophic marine Gammaproteobacteria. <i>Environmental Microbiology</i> , 2007, 9, 1456-1463.	3.8	76
23	Discovery of novel transcripts and gametophytic functions via RNA-seq analysis of maize gametophytic transcriptomes. <i>Genome Biology</i> , 2014, 15, 414.	8.8	74
24	Update of ASRP: the Arabidopsis Small RNA Project database. <i>Nucleic Acids Research</i> , 2007, 36, D982-D985.	14.5	70
25	Toxicogenomic Profiling of the Hepatic Tumor Promoters Indole-3-Carbinol, 17 β -Estradiol and 1 β -Naphthoflavone in Rainbow Trout. <i>Toxicological Sciences</i> , 2006, 90, 61-72.	3.1	68
26	Use of a Rainbow Trout Oligonucleotide Microarray to Determine Transcriptional Patterns in Aflatoxin B1-Induced Hepatocellular Carcinoma Compared to Adjacent Liver. <i>Toxicological Sciences</i> , 2005, 88, 319-330.	3.1	61
27	Discovery of a Novel Seminal Fluid Microbiome and Influence of Estrogen Receptor Alpha Genetic Status. <i>Scientific Reports</i> , 2016, 6, 23027.	3.3	59
28	High-throughput sequence analysis reveals structural diversity and improved potency among RNA inhibitors of HIV reverse transcriptase. <i>Nucleic Acids Research</i> , 2013, 41, 1873-1884.	14.5	57
29	An improved, high-quality draft genome sequence of the Germination-Arrest Factor-producing <i>Pseudomonas fluorescens</i> WH6. <i>BMC Genomics</i> , 2010, 11, 522.	2.8	54
30	Analysis of Genome Sequences from Plant Pathogenic <i>Rhodococcus</i> Reveals Genetic Novelty in Virulence Loci. <i>PLoS ONE</i> , 2014, 9, e101996.	2.5	54
31	Genetic mapping with dispersed repeated sequences in the rice blast fungus: Mapping the SMO locus. <i>Molecular Genetics and Genomics</i> , 1990, 223, 487-495.	2.4	47
32	Bisphenol A (BPA) in the serum of pet dogs following short-term consumption of canned dog food and potential health consequences of exposure to BPA. <i>Science of the Total Environment</i> , 2017, 579, 1804-1814.	8.0	43
33	Short-Stalked <i>Prosthecomicrobium hirschii</i> Cells Have a <i>Caulobacter</i> -Like Cell Cycle. <i>Journal of Bacteriology</i> , 2016, 198, 1149-1159.	2.2	40
34	Consumption of a high-fat diet alters the seminal fluid and gut microbiomes in male mice. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1602.	0.4	38
35	Assembly and Characterization of the European Hazelnut "Jefferson"™ Transcriptome. <i>Crop Science</i> , 2012, 52, 2679-2686.	1.8	35
36	Hypothalamic transcriptomic alterations in male and female California mice (<i>Peromyscus</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T 2017, 5, e13133.	1.7	27

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37	Characterization of the rat developmental liver transcriptome. <i>Physiological Genomics</i> , 2013, 45, 301-311.	2.3	21
38	Genome sequencing and comparative analysis of the carrot bacterial blight pathogen, <i>Xanthomonas hortorum</i> pv. <i>carotae</i> M081, for insights into pathogenicity and applications in molecular diagnostics. <i>Molecular Plant Pathology</i> , 2011, 12, 580-594.	4.2	18
39	Transcriptomic alterations in the brain of painted turtles (<i>Chrysemys picta</i>) developmentally exposed to bisphenol A or ethinyl estradiol. <i>Physiological Genomics</i> , 2017, 49, 201-215.	2.3	18
40	Computational Analysis of RNA-seq. <i>Methods in Molecular Biology</i> , 2012, 883, 201-219.	0.9	11
41	Intermittent severe hypoxia induces plasticity within serotonergic and catecholaminergic neurons in the neonatal rat ventrolateral medulla. <i>Journal of Applied Physiology</i> , 2016, 120, 1277-1287.	2.5	9
42	Changes in nucleus accumbens gene expression accompany sex-specific suppression of spontaneous physical activity in aromatase knockout mice. <i>Hormones and Behavior</i> , 2020, 121, 104719.	2.1	8
43	Draft Genome Sequence of <i>Prosthecomicrobium hirschii</i> ATCC 27832 T. <i>Genome Announcements</i> , 2015, 3, .	0.8	5
44	Sexual dimorphism in brain transcriptomes of Amami spiny rats (<i>Tokudaia osimensis</i>): a rodent species where males lack the Y chromosome. <i>BMC Genomics</i> , 2019, 20, 87.	2.8	4
45	The Personal Sequence Database: a suite of tools to create and maintain web-accessible sequence databases. <i>BMC Bioinformatics</i> , 2007, 8, 479.	2.6	3
46	Genome Sequences of <i>Pseudoalteromonas</i> Strains ATCC BAA-314, ATCC 70018, and ATCC 70019. <i>Genome Announcements</i> , 2015, 3, .	0.8	3
47	Draft Genome Sequence of <i>Bradyrhizobium</i> sp. Strain LVM 105, a Nitrogen-Fixing Symbiont of <i>Chamaecrista fasciculata</i> (Michx.) Greene. <i>Microbiology Resource Announcements</i> , 2019, 8, .	0.6	0