

Paul A Mcgettigan

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,158
citations

186265
28
h-index

330143
37
g-index

37
all docs

37
docs citations

37
times ranked

4296
citing authors

#	ARTICLE	IF	CITATIONS
1	Transcriptomics in the RNA-seq era. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 4-11.	6.1	273
2	Genome sequencing of the extinct Eurasian wild aurochs, <i>Bos primigenius</i> , illuminates the phylogeography and evolution of cattle. <i>Genome Biology</i> , 2015, 16, 234.	8.8	178
3	Co-regulation of Gremlin and Notch signalling in diabetic nephropathy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2008, 1782, 10-21.	3.8	104
4	Proteomic analysis of uterine fluid during the pre-implantation period of pregnancy in cattle. <i>Reproduction</i> , 2014, 147, 575-587.	2.6	100
5	RNA Sequencing Reveals Novel Gene Clusters in Bovine Conceptuses Associated with Maternal Recognition of Pregnancy and Implantation1. <i>Biology of Reproduction</i> , 2011, 85, 1143-1151.	2.7	88
6	Evidence for an early endometrial response to pregnancy in cattle: both dependent upon and independent of interferon tau. <i>Physiological Genomics</i> , 2012, 44, 799-810.	2.3	88
7	Identification of a mutation in LARS as a novel cause of infantile hepatopathy. <i>Molecular Genetics and Metabolism</i> , 2012, 106, 351-358.	1.1	83
8	Characterization of the equine skeletal muscle transcriptome identifies novel functional responses to exercise training. <i>BMC Genomics</i> , 2010, 11, 398.	2.8	81
9	A Complete Mitochondrial Genome Sequence from a Mesolithic Wild Aurochs (<i>Bos primigenius</i>). <i>PLoS ONE</i> , 2010, 5, e9255.	2.5	73
10	Sequential analysis of global gene expression profiles in immature and in vitro matured bovine oocytes: potential molecular markers of oocyte maturation. <i>BMC Genomics</i> , 2011, 12, 151.	2.8	70
11	A novel locus for episodic ataxia:UBR4 the likely candidate. <i>European Journal of Human Genetics</i> , 2014, 22, 505-510.	2.8	70
12	First implication of <i>STRA6</i> mutations in isolated anophthalmia, microphthalmia, and coloboma: A new dimension to the <i>STRA6</i> phenotype. <i>Human Mutation</i> , 2011, 32, 1417-1426.	2.5	66
13	Low MAD2 expression levels associate with reduced progression-free survival in patients with high-grade serous epithelial ovarian cancer. <i>Journal of Pathology</i> , 2012, 226, 746-755.	4.5	64
14	Recessive mutations in <i>MCM4</i> / <i>PRKDC</i> cause a novel syndrome involving a primary immunodeficiency and a disorder of DNA repair. <i>Journal of Medical Genetics</i> , 2012, 49, 242-245.	3.2	61
15	Effect of the metabolic environment at key stages of follicle development in cattle: focus on steroid biosynthesis. <i>Physiological Genomics</i> , 2012, 44, 504-517.	2.3	58
16	Conceptus-Endometrium Crosstalk During Maternal Recognition of Pregnancy in Cattle1. <i>Biology of Reproduction</i> , 2012, 87, 6, 1-9.	2.7	56
17	Alterations in expression of endometrial genes coding for proteins secreted into the uterine lumen during conceptus elongation in cattle. <i>BMC Genomics</i> , 2013, 14, 321.	2.8	52
18	RNA sequencing provides exquisite insight into the manipulation of the alveolar macrophage by tubercle bacilli. <i>Scientific Reports</i> , 2015, 5, 13629.	3.3	50

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19	Transcriptomic Study on Ovine Immune Responses to <i>Fasciola hepatica</i> Infection. <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0005015.	3.0	46
20	Molecular aspects of mucin biosynthesis and mucus formation in the bovine cervix during the periestrus period. <i>Physiological Genomics</i> , 2012, 44, 1165-1178.	2.3	45
21	Towards the identification of a genetic basis for <i>Leffner syndrome</i> . <i>Epilepsia</i> , 2014, 55, 858-865.	5.1	44
22	Recessive <i>NEK9</i> mutation causes a lethal skeletal dysplasia with evidence of cell cycle and ciliary defects. <i>Human Molecular Genetics</i> , 2016, 25, 1824-1835.	2.9	44
23	Temporal change in gene expression in the rat dentate gyrus following passive avoidance learning. <i>Journal of Neurochemistry</i> , 2007, 101, 1085-1098.	3.9	42
24	GOexpress: an R/Bioconductor package for the identification and visualisation of robust gene ontology signatures through supervised learning of gene expression data. <i>BMC Bioinformatics</i> , 2016, 17, 126.	2.6	40
25	Epigenetic processes in the male germline. <i>Reproduction, Fertility and Development</i> , 2015, 27, 725.	0.4	34
26	Equine skeletal muscle adaptations to exercise and training: evidence of differential regulation of autophagosomal and mitochondrial components. <i>BMC Genomics</i> , 2017, 18, 595.	2.8	33
27	Integrating transcription factor binding site information with gene expression datasets. <i>Bioinformatics</i> , 2007, 23, 298-305.	4.1	32
28	Hippocampal region-specific regulation of <i>NF-κB</i> may contribute to learning-associated synaptic reorganisation. <i>Brain Research Bulletin</i> , 2010, 81, 385-390.	3.0	29
29	Intragenic sequences in the trophectoderm harbour the greatest proportion of methylation errors in day 17 bovine conceptuses generated using assisted reproductive technologies. <i>BMC Genomics</i> , 2018, 19, 438.	2.8	25
30	Unexpected genetic heterogeneity for primary ciliary dyskinesia in the Irish Traveller population. <i>European Journal of Human Genetics</i> , 2015, 23, 210-217.	2.8	24
31	Atypical Alstrom syndrome with novel <i>ALMS1</i> mutations precluded by current diagnostic criteria. <i>European Journal of Medical Genetics</i> , 2014, 57, 55-59.	1.3	20
32	Temporal dysregulation of cortical gene expression in the isolation reared Wistar rat. <i>Journal of Neurochemistry</i> , 2010, 113, 601-614.	3.9	18
33	Polymorphism discovery and allele frequency estimation using high-throughput DNA sequencing of target-enriched pooled DNA samples. <i>BMC Genomics</i> , 2012, 13, 16.	2.8	18
34	Variation in the Ovine Abomasal Lymph Node Transcriptome between Breeds Known to Differ in Resistance to the Gastrointestinal Nematode. <i>PLoS ONE</i> , 2015, 10, e0124823.	2.5	16
35	Physiological status alters immunological regulation of bovine follicle differentiation in dairy cattle. <i>Journal of Reproductive Immunology</i> , 2012, 96, 34-44.	1.9	12
36	Expression Quantitative Trait Loci in Equine Skeletal Muscle Reveals Heritable Variation in Metabolism and the Training Responsive Transcriptome. <i>Frontiers in Genetics</i> , 2019, 10, 1215.	2.3	11

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37	Atypical benign partial epilepsy of childhood with acquired neurocognitive, lexical semantic, and autistic spectrum disorder. <i>Epilepsy & Behavior Case Reports</i> , 2016, 6, 42-48.	1.5	10