

Juan E Abrahante

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

3,416
citations

394421

19
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

5650
citing authors

#	ARTICLE	IF	CITATIONS
1	Complete Genome Sequence of the Apicomplexan, <i>Cryptosporidium parvum</i> . <i>Science</i> , 2004, 304, 441-445.	12.6	877
2	IFN-I response timing relative to virus replication determines MERS coronavirus infection outcomes. <i>Journal of Clinical Investigation</i> , 2019, 129, 3625-3639.	8.2	460
3	The <i>Caenorhabditis elegans</i> hunchback-like Gene <i>lin-57/hbl-1</i> Controls Developmental Time and Is Regulated by MicroRNAs. <i>Developmental Cell</i> , 2003, 4, 625-637.	7.0	339
4	EditR: A Method to Quantify Base Editing from Sanger Sequencing. <i>CRISPR Journal</i> , 2018, 1, 239-250.	2.9	304
5	The ever-expanding diversity of porcine reproductive and respiratory syndrome virus. <i>Virus Research</i> , 2010, 154, 18-30.	2.2	263
6	Comparative Analysis of Apicomplexa and Genomic Diversity in Eukaryotes. <i>Genome Research</i> , 2004, 14, 1686-1695.	5.5	172
7	The Candidate Cancer Gene Database: a database of cancer driver genes from forward genetic screens in mice. <i>Nucleic Acids Research</i> , 2015, 43, D844-D848.	14.5	109
8	Single cell sequencing reveals heterogeneity within ovarian cancer epithelium and cancer associated stromal cells. <i>Gynecologic Oncology</i> , 2017, 144, 598-606.	1.4	82
9	A tRNA fragment, tRF5-Glu, regulates BCAR3 expression and proliferation in ovarian cancer cells. <i>Oncotarget</i> , 2017, 8, 95377-95391.	1.8	75
10	Identification of Heterochronic Mutants in <i>Caenorhabditis elegans</i> : Temporal Misexpression of a Collagen::Green Fluorescent Protein Fusion Gene. <i>Genetics</i> , 1998, 149, 1335-1351.	2.9	68
11	Colorectal cancer mutational profiles correlate with defined microbial communities in the tumor microenvironment. <i>PLoS Genetics</i> , 2018, 14, e1007376.	3.5	65
12	Microglia depletion exacerbates demyelination and impairs remyelination in a neurotropic coronavirus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24464-24474.	7.1	54
13	Long-term tolerance of islet allografts in nonhuman primates induced by apoptotic donor leukocytes. <i>Nature Communications</i> , 2019, 10, 3495.	12.8	43
14	Comparative genome analysis of an avirulent and two virulent strains of avian <i>Pasteurella multocida</i> reveals candidate genes involved in fitness and pathogenicity. <i>BMC Microbiology</i> , 2013, 13, 106.	3.3	40
15	Fecundity of <i>Cryptosporidium parvum</i> is correlated with intracellular levels of the viral symbiont CPV. <i>International Journal for Parasitology</i> , 2008, 38, 1051-1055.	3.1	39
16	Absence of porcine circovirus type 1 (PCV1) and high prevalence of PCV 2 exposure and infection in swine finisher herds. <i>Virus Research</i> , 2011, 157, 92-98.	2.2	39
17	Single Cell Resolution of Human Hematoendothelial Cells Defines Transcriptional Signatures of Hemogenic Endothelium. <i>Stem Cells</i> , 2018, 36, 206-217.	3.2	24
18	Microbiological safety of porcine islets: comparison with source pig. <i>Xenotransplantation</i> , 2011, 18, 88-93.	2.8	23

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19	Reverse Transcription Loop-Mediated Isothermal Amplification for the Detection of Porcine Reproductive and Respiratory Syndrome Virus. <i>Journal of Veterinary Diagnostic Investigation</i> , 2009, 21, 350-354.	1.1	22
20	Salt Stress Enhances Early Symbiotic Gene Expression in <i>Medicago truncatula</i> and Induces a Stress-Specific Set of Rhizobium-Responsive Genes. <i>Molecular Plant-Microbe Interactions</i> , 2021, 34, 904-921.	2.6	19
21	Comparative faecal microbiota of dogs with and without calcium oxalate stones. <i>Journal of Applied Microbiology</i> , 2012, 113, 745-756.	3.1	18
22	Presence of <i>Oxalobacter formigenes</i> in the intestinal tract is associated with the absence of calcium oxalate urolith formation in dogs. <i>Urological Research</i> , 2012, 40, 467-473.	1.5	18
23	Immune response to ORF5a protein immunization is not protective against porcine reproductive and respiratory syndrome virus infection. <i>Veterinary Microbiology</i> , 2013, 164, 281-285.	1.9	17
24	Transposon mutagenesis screen in mice identifies TM9SF2 as a novel colorectal cancer oncogene. <i>Scientific Reports</i> , 2018, 8, 15327.	3.3	17
25	Genetic Signature of Histiocytic Sarcoma Revealed by a Sleeping Beauty Transposon Genetic Screen in Mice. <i>PLoS ONE</i> , 2014, 9, e97280.	2.5	16
26	Comparative Response of the Hepatic Transcriptomes of Domesticated and Wild Turkey to Aflatoxin B1. <i>Toxins</i> , 2018, 10, 42.	3.4	16
27	Rasipodin 2 Drives Liver Tumor Development in a Yes-Associated Protein-Dependent Manner. <i>Hepatology Communications</i> , 2019, 3, 1496-1509.	4.3	15
28	A Cell Proliferation and Inflammatory Signature Is Induced by <i>Lawsonia intracellularis</i> Infection in Swine. <i>MBio</i> , 2019, 10, .	4.1	15
29	Biological Insights into Chemotherapy Resistance in Ovarian Cancer. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2131.	4.1	15
30	Diagnostic performance measures of ELISA and quantitative PCR tests for porcine circovirus type 2 exposure using Bayesian latent class analysis. <i>Preventive Veterinary Medicine</i> , 2011, 101, 79-88.	1.9	14
31	Purifying selection in porcine reproductive and respiratory syndrome virus ORF5a protein influences variation in envelope glycoprotein 5 glycosylation. <i>Infection, Genetics and Evolution</i> , 2013, 20, 362-368.	2.3	14
32	circTAIL-seq, a targeted method for deep analysis of RNA 3' tails, reveals transcript-specific differences by multiple metrics. <i>Rna</i> , 2016, 22, 477-486.	3.5	14
33	Response of turkey muscle satellite cells to thermal challenge. I. transcriptome effects in proliferating cells. <i>BMC Genomics</i> , 2017, 18, 352.	2.8	14
34	Mechanisms of interleukin 4 mediated increase in efficacy of vaccines against opioid use disorders. <i>Npj Vaccines</i> , 2020, 5, 99.	6.0	13
35	Identification of genetic variants associated with tacrolimus metabolism in kidney transplant recipients by extreme phenotype sampling and next generation sequencing. <i>Pharmacogenomics Journal</i> , 2019, 19, 375-389.	2.0	11
36	Implication of <i>ZNF217</i> in Accelerating Tumor Development and Therapeutically Targeting ZNF217-Induced PI3K-AKT Signaling for the Treatment of Metastatic Osteosarcoma. <i>Molecular Cancer Therapeutics</i> , 2020, 19, 2528-2541.	4.1	11

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37	Global transcriptome analysis of rat dorsal root ganglia to identify molecular pathways involved in incisional pain. <i>Molecular Pain</i> , 2020, 16, 174480692095648.	2.1	9
38	Transcriptomic analysis of gene signatures associated with sickle pain. <i>Scientific Data</i> , 2017, 4, 170051.	5.3	8
39	Epigenetic Changes in Alveolar Type II Lung Cells of A/J Mice Following Intranasal Treatment with Lipopolysaccharide. <i>Chemical Research in Toxicology</i> , 2019, 32, 831-839.	3.3	7
40	A method for extracting and characterizing RNA from urine: For downstream PCR and RNAseq analysis. <i>Analytical Biochemistry</i> , 2017, 536, 8-15.	2.4	6
41	Transcriptional Profiling and Molecular Characterization of the <i>yccT</i> Mutant Link: A Novel STY1099 Protein with the Peroxide Stress Response and Cell Division of <i>Salmonella enterica</i> Serovar Enteritidis. <i>Biology</i> , 2019, 8, 86.	2.8	5
42	Establishing a Large-Animal Model for <i>In Vivo</i> Reprogramming of Bile Duct Cells into Insulin-Secreting Cells to Treat Diabetes. <i>Human Gene Therapy Clinical Development</i> , 2017, 28, 87-95.	3.1	4
43	The hepatic transcriptome of the turkey poult (<i>Meleagris gallopavo</i>) is minimally altered by high inorganic dietary selenium. <i>PLoS ONE</i> , 2020, 15, e0232160.	2.5	4
44	Draft Genome Sequences of Two Virulent Serotypes of Avian <i>Pasteurella multocida</i> . <i>Genome Announcements</i> , 2013, 1, .	0.8	2
45	Data Mining Identifies Differentially Expressed Circular RNAs in Skeletal Muscle of Thermally Challenged Turkey Poults. <i>Frontiers in Physiology</i> , 2021, 12, 732208.	2.8	2
46	Draft Genome Sequence of <i>Pasteurella multocida</i> Isolate P1062, Isolated from Bovine Respiratory Disease. <i>Genome Announcements</i> , 2015, 3, .	0.8	1
47	Single-Cell Resolution of Human Pluripotent Stem Cell Derived Hemato-Endothelial Cells Reveals Distinct Transcriptional Signatures of Hemogenic Endothelium. <i>Blood</i> , 2016, 128, 3869-3869.	1.4	0