

Lauretta A Rund

List of Publications by Year in descending order

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Version: 2024-02-01

47
papers

1,721
citations

471371

17
h-index

289141

40
g-index

48
all docs

48
docs citations

48
times ranked

2392
citing authors

#	ARTICLE	IF	CITATIONS
1	The mouse rostral cerebellar malformation gene encodes an UNC-5-like protein. <i>Nature</i> , 1997, 386, 838-842.	13.7	349
2	An improved pig reference genome sequence to enable pig genetics and genomics research. <i>GigaScience</i> , 2020, 9, .	3.3	187
3	A Genetic Porcine Model of Cancer. <i>PLoS ONE</i> , 2015, 10, e0128864.	1.1	128
4	Transcriptome profiling of the small intestinal epithelium in germfree versus conventional piglets. <i>BMC Genomics</i> , 2007, 8, 215.	1.2	104
5	Cd8 ⁺ T Cell Transfectants That Express a High Affinity T Cell Receptor Exhibit Enhanced Peptide-Dependent Activation. <i>Journal of Experimental Medicine</i> , 2001, 194, 1043-1052.	4.2	96
6	Adult porcine genome-wide DNA methylation patterns support pigs as a biomedical model. <i>BMC Genomics</i> , 2015, 16, 743.	1.2	96
7	The Oncopig Cancer Model: An Innovative Large Animal Translational Oncology Platform. <i>Frontiers in Oncology</i> , 2017, 7, 190.	1.3	92
8	Unraveling the Swine Genome: Implications for Human Health. <i>Annual Review of Animal Biosciences</i> , 2015, 3, 219-244.	3.6	70
9	Trimodal Therapy: Combining Hyperthermia with Repurposed Bexarotene and Ultrasound for Treating Liver Cancer. <i>ACS Nano</i> , 2015, 9, 10695-10718.	7.3	56
10	A validated, transitional and translational porcine model of hepatocellular carcinoma. <i>Oncotarget</i> , 2017, 8, 63620-63634.	0.8	56
11	Impact of neonatal iron deficiency on hippocampal DNA methylation and gene transcription in a porcine biomedical model of cognitive development. <i>BMC Genomics</i> , 2016, 17, 856.	1.2	44
12	IL-12 Treatment of Endogenously Arising Murine Brain Tumors. <i>Journal of Immunology</i> , 2000, 165, 7293-7299.	0.4	39
13	Genomics and Clinical Medicine: Rationale for Creating and Effectively Evaluating Animal Models. <i>Experimental Biology and Medicine</i> , 2004, 229, 866-875.	1.1	39
14	Oncopig Soft-Tissue Sarcomas Recapitulate Key Transcriptional Features of Human Sarcomas. <i>Scientific Reports</i> , 2017, 7, 2624.	1.6	27
15	A highly selective Hsp90 affinity chromatography resin with a cleavable linker. <i>Bioorganic and Medicinal Chemistry</i> , 2012, 20, 3298-3305.	1.4	26
16	Bispecific agents target endogenous murine T cells against human tumor xenografts. , 1999, 83, 141-149.		23
17	KRASG12D and TP53R167H Cooperate to Induce Pancreatic Ductal Adenocarcinoma in <i>Sus scrofa</i> Pigs. <i>Scientific Reports</i> , 2018, 8, 12548.	1.6	23
18	Tuning the non-equilibrium state of a drug-encapsulated poly(ethylene glycol) hydrogel for stem and progenitor cell mobilization. <i>Biomaterials</i> , 2011, 32, 2004-2012.	5.7	22

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19	Targeting T cells against brain tumors with a bispecific ligand-antibody conjugate. , 1998, 76, 761-766.		20
20	Isolation and molecular characterization of the porcine transforming growth factor beta type I receptor (TGFBRI) gene. <i>Gene</i> , 2006, 384, 62-72.	1.0	19
21	Development and comprehensive characterization of porcine hepatocellular carcinoma for translational liver cancer investigation. <i>Oncotarget</i> , 2020, 11, 2686-2701.	0.8	19
22	Emerging Technologies to Create Inducible and Genetically Defined Porcine Cancer Models. <i>Frontiers in Genetics</i> , 2016, 7, 28.	1.1	17
23	Large-scale sequencing based on full-length-enriched cDNA libraries in pigs: contribution to annotation of the pig genome draft sequence. <i>BMC Genomics</i> , 2012, 13, 581.	1.2	15
24	Genetically Induced Tumors in the Oncopig Model Invoke an Antitumor Immune Response Dominated by Cytotoxic CD8 ⁺ T Cells and Differentiated ⁺ T Cells Alongside a Regulatory Response Mediated by FOXP3 ⁺ T Cells and Immunoregulatory Molecules. <i>Frontiers in Immunology</i> , 2018, 9, 1301.	2.2	15
25	Distinguishing migration events of different timing for wild boar in the Balkans. <i>Journal of Biogeography</i> , 2017, 44, 259-270.	1.4	14
26	Distribution of β -Endorphin Immunoreactivity in the Arcuate Nucleus and Median Eminence of Postpartum Anestrus and Luteal Phase Cows. <i>Neuroendocrinology</i> , 1992, 56, 436-444.	1.2	13
27	Association of the Porcine Transforming Growth Factor Beta Type I Receptor (TGFBRI) Gene with Growth and Carcass Traits. <i>Animal Biotechnology</i> , 2012, 23, 43-63.	0.7	13
28	Imaging in real-time with FRET the redox response of tumorigenic cells to glutathione perturbations in a microscale flow. <i>Integrative Biology (United Kingdom)</i> , 2011, 3, 208-217.	0.6	12
29	Characterization of the porcine ATM gene: Towards the generation of a novel non-murine animal model for Ataxia-Telangiectasia. <i>Gene</i> , 2007, 405, 27-35.	1.0	11
30	A minimally invasive catheter-based ultrasound technology for therapeutic interventions in brain: initial preclinical studies. <i>Neurosurgical Focus</i> , 2018, 44, E13.	1.0	11
31	Characterization of an Inducible Alcoholic Liver Fibrosis Model for Hepatocellular Carcinoma Investigation in a Transgenic Porcine Tumorigenic Platform. <i>Journal of Vascular and Interventional Radiology</i> , 2018, 29, 1194-1202.e1.	0.2	11
32	A porcine model system of BRCA1 driven breast cancer. <i>Frontiers in Genetics</i> , 2015, 6, 269.	1.1	8
33	Altered Hippocampal Epigenetic Regulation Underlying Reduced Cognitive Development in Response to Early Life Environmental Insults. <i>Genes</i> , 2020, 11, 162.	1.0	8
34	Creating Porcine Biomedical Models Through Recombineering. <i>Comparative and Functional Genomics</i> , 2004, 5, 262-267.	2.0	7
35	Failure of Naloxone to Stimulate Luteinizing Hormone Secretion during Pregnancy and Steroid Treatment of Ovariectomized Beef Cows1. <i>Biology of Reproduction</i> , 1990, 42, 619-624.	1.2	6
36	Molecular characterization and analysis of the porcine betaine homocysteine methyltransferase and betaine homocysteine methyltransferase-2 genes. <i>Gene</i> , 2011, 473, 133-138.	1.0	6

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37	Morphological Differences among Luteinizing Hormone Releasing Hormone Neurons from Postpartum and Estrous Cycling Cows. <i>Neuroendocrinology</i> , 1992, 55, 380-389.	1.2	3
38	<i>In situ</i> treatment of liver using catheter based therapeutic ultrasound with combined imaging and GPS tracking. <i>Proceedings of SPIE</i> , 2013, , .	0.8	3
39	Ultrasound therapy applicators for controlled thermal modification of tissue. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
40	Splicing variants of the porcine betaineâ€“homocysteine S-methyltransferase gene: Implications for mammalian metabolism. <i>Gene</i> , 2013, 529, 228-237.	1.0	2
41	Design, Synthesis, and Characterization of Globular Orphan Nuclear Receptor Regulator with Biological Activity in Soft Tissue Sarcoma. <i>Journal of Medicinal Chemistry</i> , 2018, 61, 10739-10752.	2.9	2
42	Abstract 1573: An inducible transgenic porcine model for human cancer.. , 2013, , .		2
43	Harvesting the Genomic Promise: Recombineering Sequences for Phenotypes. <i>Animal Biotechnology</i> , 2003, 14, 103-118.	0.7	1
44	Editorial: Building Strategies for Porcine Cancer Models. <i>Frontiers in Genetics</i> , 2018, 9, 377.	1.1	1
45	Abstract 4178: Pigs as a new weapon against cancer: Modeling solid tumors in porcine. , 2016, , .		1
46	Abstract 69: Characterization of an inducible transgenic p53/Kras oncopig model for cancer. , 2014, , .		1
47	Abstract A21: Transgenic Onco-Pig cells mimic human cancer. , 2014, , .		0