Lauretta A Rund

List of Publications by Year
in descending order

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	An improved pig reference genome sequence to enable pig genetics and genomics research. GigaScience, 2020, 9, .	3.3	187
2	Altered Hippocampal Epigenetic Regulation Underlying Reduced Cognitive Development in Response to Early Life Environmental Insults. Genes, 2020, 11, 162.	1.0	8
3	Development and comprehensive characterization of porcine hepatocellular carcinoma for translational liver cancer investigation. Oncotarget, 2020, 11, 2686-2701.	0.8	19
4	A minimally invasive catheter-based ultrasound technology for therapeutic interventions in brain: initial preclinical studies. Neurosurgical Focus, 2018, 44, E13.	1.0	11
5	Editorial: Building Strategies for Porcine Cancer Models. Frontiers in Genetics, 2018, 9, 377.	1.1	1
6	Design, Synthesis, and Characterization of Globular Orphan Nuclear Receptor Regulator with Biological Activity in Soft Tissue Sarcoma. Journal of Medicinal Chemistry, 2018, 61, 10739-10752.	2.9	2
7	Genetically Induced Tumors in the Oncopig Model Invoke an Antitumor Immune Response Dominated by Cytotoxic CD8Î²+ T Cells and Differentiated Î³Î´ T Cells Alongside a Regulatory Response Mediated by FOXP3+ T Cells and Immunoregulatory Molecules. Frontiers in Immunology, 2018, 9, 1301.	2.2	15
8	KRASG12D and TP53R167H Cooperate to Induce Pancreatic Ductal Adenocarcinoma in Sus scrofa Pigs. Scientific Reports, 2018, 8, 12548.	1.6	23
9	Characterization of an Inducible Alcoholic Liver Fibrosis Model for Hepatocellular Carcinoma Investigation in a Transgenic Porcine Tumorigenic Platform. Journal of Vascular and Interventional Radiology, 2018, 29, 1194-1202.e1.	0.2	11
10	Oncopig Soft-Tissue Sarcomas Recapitulate Key Transcriptional Features of Human Sarcomas. Scientific Reports, 2017, 7, 2624.	1.6	27
11	Distinguishing migration events of different timing for wild boar in the Balkans. Journal of Biogeography, 2017, 44, 259-270.	1.4	14
12	The Oncopig Cancer Model: An Innovative Large Animal Translational Oncology Platform. Frontiers in Oncology, 2017, 7, 190.	1.3	92
13	A validated, transitional and translational porcine model of hepatocellular carcinoma. Oncotarget, 2017, 8, 63620-63634.	0.8	56
14	Emerging Technologies to Create Inducible and Genetically Defined Porcine Cancer Models. Frontiers in Genetics, 2016, 7, 28.	1.1	17
15	Impact of neonatal iron deficiency on hippocampal DNA methylation and gene transcription in a porcine biomedical model of cognitive development. BMC Genomics, 2016, 17, 856.	1.2	44
16	Abstract 4178: Pigs as a new weapon against cancer: Modeling solid tumors in porcine. , 2016, , .		1
17	Adult porcine genome-wide DNA methylation patterns support pigs as a biomedical model. BMC Genomics, 2015, 16, 743.	1.2	96
18	A porcine model system of BRCA1 driven breast cancer. Frontiers in Genetics, 2015, 6, 269.	1.1	8

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19	A Genetic Porcine Model of Cancer. PLoS ONE, 2015, 10, e0128864.	1.1	128
20	Unraveling the Swine Genome: Implications for Human Health. Annual Review of Animal Biosciences, 2015, 3, 219-244.	3.6	70
21	Trimodal Therapy: Combining Hyperthermia with Repurposed Bexarotene and Ultrasound for Treating Liver Cancer. ACS Nano, 2015, 9, 10695-10718.	7.3	56
22	Abstract 69: Characterization of an inducible transgenic p53/Kras oncopig model for cancer. , 2014, , .		1
23	Abstract A21: Transgenic Onco-Pig cells mimic human cancer. , 2014, , .		0
24	Splicing variants of the porcine betaineâ€“homocysteine S-methyltransferase gene: Implications for mammalian metabolism. Gene, 2013, 529, 228-237.	1.0	2
25	In situtreatment of liver using catheter based therapeutic ultrasound with combined imaging and GPS tracking. Proceedings of SPIE, 2013, , .	0.8	3
26	Abstract 1573: An inducible transgenic porcine model for human cancer.. , 2013, , .		2
27	Large-scale sequencing based on full-length-enriched cDNA libraries in pigs: contribution to annotation of the pig genome draft sequence. BMC Genomics, 2012, 13, 581.	1.2	15
28	Association of the Porcine Transforming Growth Factor Beta Type I Receptor(TGFBR1)Gene with Growth and Carcass Traits. Animal Biotechnology, 2012, 23, 43-63.	0.7	13
29	A highly selective Hsp90 affinity chromatography resin with a cleavable linker. Bioorganic and Medicinal Chemistry, 2012, 20, 3298-3305.	1.4	26
30	Imaging in real-time with FRET the redox response of tumorigenic cells to glutathione perturbations in a microscale flow. Integrative Biology (United Kingdom), 2011, 3, 208-217.	0.6	12
31	Molecular characterization and analysis of the porcine betaine homocysteine methyltransferase and betaine homocysteine methyltransferase-2 genes. Gene, 2011, 473, 133-138.	1.0	6
32	Ultrasound therapy applicators for controlled thermal modification of tissue. Proceedings of SPIE, 2011, , .	0.8	2
33	Tuning the non-equilibrium state of a drug-encapsulated poly(ethylene glycol) hydrogel for stem and progenitor cell mobilization. Biomaterials, 2011, 32, 2004-2012.	5.7	22
34	Characterization of the porcine ATM gene: Towards the generation of a novel non-murine animal model for Ataxia-Telangiectasia. Gene, 2007, 405, 27-35.	1.0	11
35	Transcriptome profiling of the small intestinal epithelium in germfree versus conventional piglets. BMC Genomics, 2007, 8, 215.	1.2	104
36	Isolation and molecular characterization of the porcine transforming growth factor beta type I receptor (TGFBR1) gene. Gene, 2006, 384, 62-72.	1.0	19

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37	Creating Porcine Biomedical Models Through Recombineering. Comparative and Functional Genomics, 2004, 5, 262-267.	2.0	7
38	Genomics and Clinical Medicine: Rationale for Creating and Effectively Evaluating Animal Models. Experimental Biology and Medicine, 2004, 229, 866-875.	1.1	39
39	Harvesting the Genomic Promise: Recombineering Sequences for Phenotypes. Animal Biotechnology, 2003, 14, 103-118.	0.7	1
40	Cd8â^' T Cell Transfectants That Express a High Affinity T Cell Receptor Exhibit Enhanced Peptide-Dependent Activation. Journal of Experimental Medicine, 2001, 194, 1043-1052.	4.2	96
41	IL-12 Treatment of Endogenously Arising Murine Brain Tumors. Journal of Immunology, 2000, 165, 7293-7299.	0.4	39
42	Bispecific agents target endogenous murine T cells against human tumor xenografts. , 1999, 83, 141-149.		23
43	Targeting T cells against brain tumors with a bispecific ligand-antibody conjugate. , 1998, 76, 761-766.		20
44	The mouse rostral cerebellar malformation gene encodes an UNC-5-like protein. Nature, 1997, 386, 838-842.	13.7	349
45	Distribution of Î²-Endorphin Immunoreactivity in the Arcuate Nucleus and Median Eminence of Postpartum Anestrus and Luteal Phase Cows. Neuroendocrinology, 1992, 56, 436-444.	1.2	13
46	Morphological Differences among Luteinizing Hormone Releasing Hormone Neurons from Postpartum and Estrous Cycling Cows. Neuroendocrinology, 1992, 55, 380-389.	1.2	3
47	Failure of Naloxone to Stimulate Luteinizing Hormone Secretion during Pregnancy and Steroid Treatment of Ovariectomized Beef Cows1. Biology of Reproduction, 1990, 42, 619-624.	1.2	6