

Georg Josef Arnold

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

936
citations

394286

19
h-index

501076

28
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41
all docs

41
docs citations

41
times ranked

1541
citing authors

#	ARTICLE	IF	CITATIONS
1	Progressive muscle proteome changes in a clinically relevant pig model of Duchenne muscular dystrophy. <i>Scientific Reports</i> , 2016, 6, 33362.	1.6	60
2	ROS-Mediated Inhibition of S-nitrosoglutathione Reductase Contributes to the Activation of Anti-oxidative Mechanisms. <i>Frontiers in Plant Science</i> , 2016, 7, 1669.	1.7	56
3	Characterization of carp seminal plasma proteome in relation to blood plasma. <i>Journal of Proteomics</i> , 2014, 98, 218-232.	1.2	55
4	Long-term exposure of <i>Daphnia magna</i> to polystyrene microplastic (PS-MP) leads to alterations of the proteome, morphology and life-history. <i>Science of the Total Environment</i> , 2021, 795, 148822.	3.9	53
5	Cyclin-dependent kinase 5 stabilizes hypoxia-inducible factor-1 α : a novel approach for inhibiting angiogenesis in hepatocellular carcinoma. <i>Oncotarget</i> , 2016, 7, 27108-27121.	0.8	45
6	Cryopreservation-induced alterations in protein composition of rainbow trout semen. <i>Proteomics</i> , 2015, 15, 2643-2654.	1.3	42
7	Mitochondrial Dysregulation Secondary to Endoplasmic Reticulum Stress in Autosomal Dominant Tubulointerstitial Kidney Disease – UMOD (ADTKD-UMOD). <i>Scientific Reports</i> , 2017, 7, 42970.	1.6	39
8	The Munich MIDY Pig Biobank – A unique resource for studying organ crosstalk in diabetes. <i>Molecular Metabolism</i> , 2017, 6, 931-940.	3.0	39
9	Inhibition of Cyclin-Dependent Kinase 5: A Strategy to Improve Sorafenib Response in Hepatocellular Carcinoma Therapy. <i>Hepatology</i> , 2019, 69, 376-393.	3.6	38
10	Growth hormone receptor knockout to reduce the size of donor pigs for preclinical xenotransplantation studies. <i>Xenotransplantation</i> , 2021, 28, e12664.	1.6	38
11	Insights into replicative senescence of human testicular peritubular cells. <i>Scientific Reports</i> , 2019, 9, 15052.	1.6	33
12	Characterization of the sebocyte lipid droplet proteome reveals novel potential regulators of sebaceous lipogenesis. <i>Experimental Cell Research</i> , 2015, 332, 146-155.	1.2	28
13	ATP-mediated Events in Peritubular Cells Contribute to Sterile Testicular Inflammation. <i>Scientific Reports</i> , 2018, 8, 1431.	1.6	27
14	Multi-omics insights into functional alterations of the liver in insulin-deficient diabetes mellitus. <i>Molecular Metabolism</i> , 2019, 26, 30-44.	3.0	26
15	Dynamic proteome signatures in gametes, embryos and their maternal environment. <i>Reproduction, Fertility and Development</i> , 2011, 23, 81.	0.1	25
16	ADNP Is a Therapeutically Inducible Repressor of WNT Signaling in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 2769-2780.	3.2	24
17	Functional changes of the liver in the absence of growth hormone (GH) action – Proteomic and metabolomic insights from a GH receptor deficient pig model. <i>Molecular Metabolism</i> , 2020, 36, 100978.	3.0	23
18	Insulin-Like Growth Factor I (IGF-I) and Long R3IGF-I Differently Affect Development and Messenger Ribonucleic Acid Abundance for IGF-Binding Proteins and Type I IGF Receptors in in Vitro Produced Bovine Embryos. <i>Endocrinology</i> , 2001, 142, 1309-1316.	1.4	23

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19	Shotgun proteomics of rainbow trout ovarian fluid. <i>Reproduction, Fertility and Development</i> , 2015, 27, 504.	0.1	21
20	A scalable, clinically severe pig model for Duchenne muscular dystrophy. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	1.2	20
21	Proteomic analysis of extracellular medium of cryopreserved carp (<i>Cyprinus carpio</i> L.) semen. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2015, 15, 49-57.	0.4	19
22	2D DIGE Saturation Labeling for Minute Sample Amounts. <i>Methods in Molecular Biology</i> , 2012, 854, 89-112.	0.4	18
23	Progressive Proteome Changes in the Myocardium of a Pig Model for Duchenne Muscular Dystrophy. <i>IScience</i> , 2020, 23, 101516.	1.9	18
24	Modelling aspects of oviduct fluid formation in vitro. <i>Reproduction</i> , 2017, 153, 23-33.	1.1	15
25	Downregulation of GRK5 hampers the migration of breast cancer cells. <i>Scientific Reports</i> , 2019, 9, 15548.	1.6	13
26	A novel approach to study the bovine oviductal fluid proteome using transvaginal endoscopy. <i>Theriogenology</i> , 2019, 132, 53-61.	0.9	13
27	Metabolic implication of tigecycline as an efficacious secondâ€line treatment for sorafenibâ€resistant hepatocellular carcinoma. <i>FASEB Journal</i> , 2020, 34, 11860-11882.	0.2	13
28	The impact of transcription inhibition during in vitro maturation on the proteome of bovine oocytesâ€. <i>Biology of Reproduction</i> , 2020, 103, 1000-1011.	1.2	13
29	Influence of metabolic status and genetic merit for fertility on proteomic composition of bovine oviduct fluidâ€. <i>Biology of Reproduction</i> , 2019, 101, 893-905.	1.2	11
30	LC-MS/MS analysis reveals a broad functional spectrum of proteins in the secretome of sebocytes. <i>Experimental Dermatology</i> , 2016, 25, 66-67.	1.4	10
31	Genetic merit for fertility alters the bovine uterine luminal fluid proteomeâ€. <i>Biology of Reproduction</i> , 2020, 102, 730-739.	1.2	10
32	A decade of experience with genetically tailored pig models for diabetes and metabolic research. <i>Animal Reproduction</i> , 2020, 17, e20200064.	0.4	10
33	In-depth proteomic analysis of carp (<i>Cyprinus carpio</i> L.) spermatozoa. <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2014, 12, 10-15.	0.4	8
34	Antibodies against the mono-methylated arginine-glycine repeat (MMA-RG) of the Epsteinâ€Barr virus nuclear antigen 2 (EBNA2) identify potential cellular proteins targeted in viral transformation. <i>Journal of General Virology</i> , 2017, 98, 2128-2142.	1.3	8
35	Differential Effects of Insulin-Deficient Diabetes Mellitus on Visceral vs. Subcutaneous Adipose Tissueâ€Multi-omics Insights From the Munich MIDY Pig Model. <i>Frontiers in Medicine</i> , 2021, 8, 751277.	1.2	8
36	A proteomic analysis of an in vitro knock-out of miR-200c. <i>Scientific Reports</i> , 2018, 8, 6927.	1.6	7

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37	Proteomic Insights into Senescence of Testicular Peritubular Cells from a Nonhuman Primate Model. <i>Cells</i> , 2020, 9, 2498.	1.8	7
38	Age-Related Alterations in the Testicular Proteome of a Non-Human Primate. <i>Cells</i> , 2021, 10, 1306.	1.8	7
39	A translational cellular model for the study of peritubular cells of the testis. <i>Reproduction</i> , 2020, 160, 259-268.	1.1	6
40	Trafficking of siRNA precursors by the dsRBD protein Blanks in <i>Drosophila</i> . <i>Nucleic Acids Research</i> , 2020, 48, 3906-3921.	6.5	5
41	Betacellulin transgenic mice develop urothelial hyperplasia and show sex-dependent reduction in urinary major urinary protein content. <i>Experimental and Molecular Pathology</i> , 2015, 99, 33-38.	0.9	2