Stig Purup

List of Publications by Year in descending order

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70 papers	2,685 citations	201658 27 h-index	189881 50 g-index
70 all docs	70 docs citations	70 times ranked	3441 citing authors

#	Article	IF	Citations
1	Impact of Diet-Modulated Butyrate Production on Intestinal Barrier Function and Inflammation. Nutrients, 2018, 10, 1499.	4.1	328
2	Familial Hypercholesterolemia and Atherosclerosis in Cloned Minipigs Created by DNA Transposition of a Human PCSK9 Gain-of-Function Mutant. Science Translational Medicine, 2013, 5, 166ra1.	12.4	170
3	Hemizygous minipigs produced by random gene insertion and handmade cloning express the Alzheimerâ€™s disease-causing dominant mutation APPsw. Transgenic Research, 2009, 18, 545-558.	2.4	159
4	Handmade Somatic Cell Cloning in Cattle: Analysis of Factors Contributing to High Efficiency In Vitro1. Biology of Reproduction, 2003, 68, 571-578.	2.7	134
5	High in vitro development after somatic cell nuclear transfer and trichostatin A treatment of reconstructed porcine embryos. Theriogenology, 2008, 70, 800-808.	2.1	129
6	Bioactivity of falcarinol and the influenceof processing and storage on its content in carrots (Daucus carota L). Journal of the Science of Food and Agriculture, 2003, 83, 1010-1017.	3.5	126
7	An Epigenetic Modifier Results in Improved In Vitro Blastocyst Production after Somatic Cell Nuclear Transfer. Cloning and Stem Cells, 2007, 9, 357-363.	2.6	97
8	Differential Effects of Falcarinol and Related Aliphatic C₁₇-Polyacetylenes on Intestinal Cell Proliferation. Journal of Agricultural and Food Chemistry, 2009, 57, 8290-8296.	5.2	96
9	Piglets born from handmade cloning, an innovative cloning method without micromanipulation. Theriogenology, 2007, 68, 1104-1110.	2.1	95
10	Production of novel fusarielins by ectopic activation of the polyketide synthase 9 cluster in Fusarium graminearum. Environmental Microbiology, 2012, 14, 1159-1170.	3.8	68
11	Effect of butyrate and fermentation products on epithelial integrity in a mucus-secreting human colon cell line. Journal of Functional Foods, 2018, 40, 9-17.	3.4	63
12	Postnatal amniotic fluid intake reduces gut inflammatory responses and necrotizing enterocolitis in preterm neonates. American Journal of Physiology - Renal Physiology, 2013, 304, G864-G875.	3.4	62
13	Biological activity of bovine milk on proliferation of human intestinal cells. Journal of Dairy Research, 2007, 74, 58-65.	1.4	60
14	Efficient in vitro production of porcine blastocysts by handmade cloning with a combined electrical and chemical activation. Theriogenology, 2005, 64, 1536-1545.	2.1	56
15	Comparative Nutrient Profiling of Retail Goat and Cow Milk. Nutrients, 2019, 11, 2282.	4.1	52
16	Comparative analysis of inflamed and non-inflamed colon biopsies reveals strong proteomic inflammation profile in patients with ulcerative colitis. BMC Gastroenterology, 2012, 12, 76.	2.0	51
17	High Overall In Vitro Efficiency of Porcine Handmade Cloning (HMC) Combining Partial Zona Digestion and Oocyte Trisection with Sequential Culture. Cloning and Stem Cells, 2005, 7, 199-205.	2.6	47
18	Osmotic stress induced by sodium chloride, sucrose or trehalose improves cryotolerance and developmental competence of porcine oocytes. Reproduction, Fertility and Development, 2009, 21, 338.	0.4	44

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19	High Hydrostatic Pressure Treatment of Porcine Oocytes before Handmade Cloning Improves Developmental Competence and Cryosurvival. Cloning and Stem Cells, 2008, 10, 325-330.	2.6	41
20	Simplified cryopreservation of porcine cloned blastocysts. Cryobiology, 2007, 54, 181-187.	0.7	39
21	Development of Transgenic Cloned Pig Models of Skin Inflammation by DNA Transposon-Directed Ectopic Expression of Human Î²1 and Î±2 Integrin. PLoS ONE, 2012, 7, e36658.	2.5	36
22	Piglets Born from Vitrified Cloned Blastocysts Produced with a Simplified Method of Delipation and Nuclear Transfer. Cloning and Stem Cells, 2007, 9, 469-476.	2.6	35
23	Effects of Resistant Starch and Arabinoxylan on Parameters Related to Large Intestinal and Metabolic Health in Pigs Fed Fat-Rich Diets. Journal of Agricultural and Food Chemistry, 2015, 63, 10418-10430.	5.2	35
24	Chemically Assisted Handmade Enucleation of Porcine Oocytes. Cloning and Stem Cells, 2006, 8, 241-250.	2.6	32
25	Alpha-Tocopherol Counteracts the Cytotoxicity Induced by Ochratoxin A in Primary Porcine Fibroblasts. Toxins, 2010, 2, 1265-1278.	3.4	31
26	Mammary metabolism and colostrogenesis in sows during late gestation and the colostral period1. Journal of Animal Science, 2019, 97, 231-245.	0.5	30
27	Estrogenic activity of bovine milk high or low in equol using immature mouse uterotrophic responses and an estrogen receptor transactivation assay. Cancer Epidemiology, 2009, 33, 61-68.	1.9	29
28	Efficiency of Two Enucleation Methods Connected to Handmade Cloning to Produce Transgenic Porcine Embryos. Reproduction in Domestic Animals, 2009, 44, 122-127.	1.4	27
29	Modulation of Intestinal Inflammation by Minimal Enteral Nutrition With Amniotic Fluid in Preterm Pigs. Journal of Parenteral and Enteral Nutrition, 2014, 38, 576-586.	2.6	27
30	Spray Dried, Pasteurised Bovine Colostrum Protects Against Gut Dysfunction and Inflammation in Preterm Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2016, 63, 280-287.	1.8	27
31	Structural Characterization of the Fibroblast Growth Factor-binding Protein Purified from Bovine Prepartum Mammary Gland Secretion. Journal of Biological Chemistry, 2000, 275, 19469-19474.	3.4	24
32	Elevated NaCl concentration improves cryotolerance and developmental competence of porcine oocytes. Reproductive BioMedicine Online, 2009, 18, 360-366.	2.4	22
33	Bioactive Whey Protein Concentrate and Lactose Stimulate Gut Function in Formulaâ€fed Preterm Pigs. Journal of Pediatric Gastroenterology and Nutrition, 2018, 66, 128-134.	1.8	22
34	Identification and characterization of porcine mannan-binding lectin A (pMBL-A), and determination of serum concentration heritability. Immunogenetics, 2006, 58, 129-137.	2.4	21
35	Biobanking in amphibian and reptilian conservation and management: opportunities and challenges. Conservation Genetics Resources, 2020, 12, 709-725.	0.8	21
36	Differential effects of retinoids on proliferation of bovine mammary epithelial cells in collagen gel culture. Journal of Dairy Research, 2001, 68, 157-164.	1.4	20

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37	Effects of vitamin D and its metabolites on cell viability and Staphylococcus aureus invasion into bovine mammary epithelial cells. Veterinary Microbiology, 2017, 203, 245-251.	1.9	19
38	Phytoestrogens and Their Metabolites in Bulk-Tank Milk: Effects of Farm Management and Season. PLoS ONE, 2015, 10, e0127187.	2.5	19
39	Separation of Selenium, Zinc, and Copper Compounds in Bovine Whey Using Size Exclusion Chromatography Linked to Inductively Coupled Plasma Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2007, 55, 4237-4243.	5.2	17
40	Estrogenic effects of fusarielins in human breast cancer cell lines. Toxicology Letters, 2012, 214, 259-262.	0.8	17
41	Regulation of mammary parenchymal growth by the fat pad in prepubertal dairy heifers: role of inflammation-related proteins. Journal of Endocrinology, 2008, 196, 539-546.	2.6	16
42	A search for synbiotics: effects of enzymatically modified arabinoxylan and Butyrivibrio fibrisolvens on short-chain fatty acids in the cecum content and plasma of rats. Food and Function, 2016, 7, 1839-1848.	4.6	16
43	Obesity Development in a Miniature Yucatan Pig Model: A Multi-compartmental Metabolomics Study on Cloned and Normal Pigs Fed Restricted or Ad Libitum High-Energy Diets. Journal of Proteome Research, 2019, 18, 30-47.	3.7	16
44	Passage number of porcine embryonic germ cells affects epigenetic status and blastocyst rate following somatic cell nuclear transfer. Animal Reproduction Science, 2014, 147, 39-46.	1.5	15
45	Increased blastocyst formation of cloned porcine embryos produced with donor cells pre-treated with Xenopus egg extract and/or digitonin. Zygote, 2012, 20, 61-66.	1.1	14
46	Guaianolides and a seco-Eudesmane from the Resinous Exudates of Cushion Bush (<i>Leucophyta) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Products, 2015, 78, 1877-1885.	3.0	14
47	Metabolomic phenotyping of a cloned pig model. BMC Physiology, 2011, 11, 14.	3.6	13
48	Biosynthesis of selenoproteins in cultured bovine mammary cells. Journal of Trace Elements in Medicine and Biology, 2008, 22, 224-233.	3.0	12
49	Cell Colony Formation Induced by Xenopus Egg Extract as a Marker for Improvement of Cloned Blastocyst Formation in the Pig. Cellular Reprogramming, 2011, 13, 521-526.	0.9	12
50	Effect of Casein Hydrolysates on Intestinal Cell Migration and Their Peptide Profiles by LC-ESI/MS/MS. Foods, 2019, 8, 91.	4.3	12
51	Concentrations of phytoestrogens in conventional, organic and free-range retail milk in England. Food Chemistry, 2019, 295, 1-9.	8.2	9
52	Wound Healing Properties of Commercial Milk Hydrolysates in Intestinal Cells. International Journal of Peptide Research and Therapeutics, 2019, 25, 483-491.	1.9	9
53	Effects of putrescine, cadaverine, spermine, spermidine and Î²-phenylethylamine on cultured bovine mammary epithelial cells. Italian Journal of Animal Science, 2008, 7, 131-140.	1.9	8
54	Effects of Maternal Exposure to Cow's Milk High or Low in Isoflavones on Carcinogen-Induced Mammary Tumorigenesis among Rat Offspring. Cancer Prevention Research, 2011, 4, 694-701.	1.5	8

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55	Developmental potential of pig embryos reconstructed by use of sow versus pre-pubertal gilt oocytes after somatic cell nuclear transfer. Zygote, 2014, 22, 356-365.	1.1	8
56	Dietary Red Meat Adversely Affects Disease Severity in a Pig Model of DSS-Induced Colitis Despite Reduction in Colonic Pro-Inflammatory Gene Expression. Nutrients, 2020, 12, 1728.	4.1	8
57	Long-term effect on in vitro cloning efficiency after treatment of somatic cells with Xenopus egg extract in the pig. Reproduction, Fertility and Development, 2014, 26, 1017.	0.4	7
58	Developmental potential and kinetics of pig embryos with different cytoplasmic volume. Zygote, 2015, 23, 277-287.	1.1	7
59	Role of Short Chain Fatty Acids to Counteract Inflammatory Stress and Mucus Production in Human Intestinal HT29-MTX-E12 Cells. Foods, 2022, 11, 1983.	4.3	7
60	Modulation of neurotoxicantâ€induced increases in intracellular calcium by phytoestrogens differ for amyloid beta peptide (AÎ²) and 1â€methylâ€4â€phenylâ€pyridine (MPP⁺). Journal of Applied Toxicology, 2009, 29, 84-89.	2.8	6
61	Effect of growth factors, estradiol 17-Î², and short chain fatty acids on the intestinal HT29-MTX cells. Cell Biology and Toxicology, 2015, 31, 199-209.	5.3	6
62	Psoriasiform skin disease in transgenic pigs with high-copy ectopic expression of human integrins Î±2 and Î²1. DMM Disease Models and Mechanisms, 2017, 10, 869-880.	2.4	6
63	Effects of Colonic Fermentation Products of Polydextrose, Lactitol and Xylitol on Intestinal Barrier Repair In Vitro. Applied Sciences (Switzerland), 2021, 11, 4174.	2.5	6
64	Proliferative effect of whey from cowsâ€™ milk varying in phyto-oestrogens in human breast and prostate cancer cells. Journal of Dairy Research, 2012, 79, 143-149.	1.4	5
65	Administration of Protein Kinase D1 Induces a Protective Effect on Lipopolysaccharide-Induced Intestinal Inflammation in a Co-Culture Model of Intestinal Epithelial Caco-2 Cells and RAW264.7 Macrophage Cells. International Journal of Inflammation, 2017, 2017, 1-7.	1.5	5
66	Establishing Cell Lines from Fresh or Cryopreserved Tissue from the Great Crested Newt (Triturus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.3	4
67	Effect of food ingredients on glucagonâ€like peptideâ€1 secretion in STCâ€1 and HuTuâ€80 cells. International Journal of Food Science and Technology, 2019, 54, 3149-3155.	2.7	3
68	Proliferative effect of whey from cows' milk obtained at two different stages of pregnancy measured in MCF-7 cells. Journal of Dairy Research, 2012, 79, 33-38.	1.4	2
69	Endocrine Effect of IGF-I on Mammary Growth in Prepubertal Heifers. , 1995, , 93-94.		2
70	Effect of Feeding Level and Nitrogen Source of the Diet on GH, IGF-T, and Prolactin Receptors in Mammary and Liver Tissue from Pre-pubertal Heifers. Acta Agriculturae Scandinavica - Section A: Animal Science, 1999, 49, 96-102.	0.2	1