

James N Petite

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,281
citations

331538

21
h-index

360920

35
g-index

51
all docs

51
docs citations

51
times ranked

1112
citing authors

#	ARTICLE	IF	CITATIONS
1	Egg handling and storage. Poultry Science, 1997, 76, 144-151.	1.5	126
2	Avian pluripotent stem cells. Mechanisms of Development, 2004, 121, 1159-1168.	1.7	92
3	Status of transgenic chicken models for developmental biology. Developmental Dynamics, 2004, 229, 414-421.	0.8	76
4	Ovarian Adenocarcinomas in the Laying Hen and Women Share Similar Alterations in p53, ras, and HER-2/neu. Cancer Prevention Research, 2009, 2, 114-121.	0.7	76
5	Imprint status of M6P/IGF2R and IGF2 in chickens. Development Genes and Evolution, 2001, 211, 179-183.	0.4	74
6	Examining the Effects of Prestorage Incubation of Turkey Breeder Eggs on Embryonic Development and Hatchability of Eggs Stored for Four or Fourteen Days. Poultry Science, 2001, 80, 132-138.	1.5	64
7	Isolation of chicken primordial germ cells using fluorescence-activated cell sorting. Poultry Science, 2005, 84, 594-600.	1.5	59
8	CA125 expression in spontaneous ovarian adenocarcinomas from laying hens. Gynecologic Oncology, 2007, 104, 192-198.	0.6	54
9	Avian Germplasm Preservation: Embryonic Stem Cells or Primordial Germ Cells?. Poultry Science, 2006, 85, 237-242.	1.5	48
10	COVID-19 Pandemic Is a Call to Search for Alternative Protein Sources as Food and Feed: A Review of Possibilities. Nutrients, 2021, 13, 150.	1.7	47
11	Human Granulosa Cells' Stemness Properties, Molecular Cross-Talk and Follicular Angiogenesis. Cells, 2021, 10, 1396.	1.8	42
12	Production of germline chimeric chickens following the administration of a busulfan emulsion. Molecular Reproduction and Development, 2005, 70, 438-444.	1.0	40
13	Avian multiple inositol polyphosphate phosphatase is an active phytase that can be engineered to help ameliorate the planet's 'phosphate crisis'. Journal of Biotechnology, 2006, 126, 248-259.	1.9	36
14	A Novel Peptide Ameliorates LPS-Induced Intestinal Inflammation and Mucosal Barrier Damage via Its Antioxidant and Antiendotoxin Effects. International Journal of Molecular Sciences, 2019, 20, 3974.	1.8	30
15	Induced Pluripotency in Chicken Embryonic Fibroblast Results in a Germ Cell Fate. Stem Cells and Development, 2014, 23, 1755-1764.	1.1	28
16	The origin of the avian germ line and transgenesis in birds. Poultry Science, 1997, 76, 1084-1092.	1.5	27
17	CRISPR/Cas9 in Cancer Immunotherapy: Animal Models and Human Clinical Trials. Genes, 2020, 11, 921.	1.0	27
18	Rapid sex determination of chick embryos using the polymerase chain reaction. Animal Biotechnology, 1995, 6, 119-130.	0.7	26

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19	Epidermal Growth Factor-Induced Proliferation of Chicken Primordial Germ Cells: Involvement of Calcium/Protein Kinase C and NFKB11. <i>Biology of Reproduction</i> , 2009, 80, 528-536.	1.2	26
20	Measuring the intra-individual variability of the plasma proteome in the chicken model of spontaneous ovarian adenocarcinoma. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 398, 737-749.	1.9	25
21	Transgenic Chickens Expressing β -Galactosidase Hydrolyze Lactose in the Intestine. <i>Journal of Nutrition</i> , 2003, 133, 3076-3079.	1.3	24
22	Comparative Development of Avian Primordial Germ Cells and Production of Germ Line Chimeras. <i>Avian Biology Research</i> , 2001, 12, 151-168.	1.3	21
23	Comparison of gene expression patterns between avian and human ovarian cancers. <i>Gynecologic Oncology</i> , 2011, 120, 256-264.	0.6	18
24	Reduction of Ovarian and Oviductal Cancers in Calorie-Restricted Laying Chickens. <i>Cancer Prevention Research</i> , 2011, 4, 562-567.	0.7	18
25	The incredible, edible, and therapeutic egg. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 1739-1740.	3.3	14
26	Evidence of a Chemopreventive Effect of Progestin Unrelated to Ovulation on Reproductive Tract Cancers in the Egg-laying Hen. <i>Cancer Prevention Research</i> , 2013, 6, 1283-1292.	0.7	14
27	Multi-peptide nLC-PC-IDMS-SRM-based Assay for the quantification of biomarkers in the chicken ovarian cancer model. <i>Methods</i> , 2013, 61, 323-330.	1.9	13
28	Cloning and characterization of cDNAs encoding two forms of avian stem cell factor. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1996, 1307, 149-151.	2.4	11
29	Avian Satellite Cell Plasticity. <i>Animals</i> , 2020, 10, 1322.	1.0	11
30	Identification of the lacZ insertion site and beta-galactosidase expression in transgenic chickens. <i>Cell and Tissue Research</i> , 2006, 324, 41-53.	1.5	10
31	In-depth LC-MS/MS analysis of the chicken ovarian cancer proteome reveals conserved and novel differentially regulated proteins in humans. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 6851-6863.	1.9	10
32	Skeletal Muscle and the Effects of Ammonia Toxicity in Fish, Mammalian, and Avian Species: A Comparative Review Based on Molecular Research. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4641.	1.8	9
33	Targeting the TLR2 Receptor With a Novel Thymopentin-Derived Peptide Modulates Immune Responses. <i>Frontiers in Immunology</i> , 2021, 12, 620494.	2.2	9
34	An introductory undergraduate course covering animal cell culture techniques. <i>Biochemistry and Molecular Biology Education</i> , 2004, 32, 319-322.	0.5	8
35	One-year plasma N-linked glycome intra-individual and inter-individual variability in the chicken model of spontaneous ovarian adenocarcinoma. <i>International Journal of Mass Spectrometry</i> , 2011, 305, 79-86.	0.7	8
36	Global Proteomic Analysis of Functional Compartments in Immature Avian Follicles Using Laser Microdissection Coupled to LC-MS/MS. <i>Journal of Proteome Research</i> , 2015, 14, 3912-3923.	1.8	8

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37	Human Cumulus Cells in Long-Term In Vitro Culture Reflect Differential Expression Profile of Genes Responsible for Planned Cell Death and Aging—A Study of New Molecular Markers. <i>Cells</i> , 2020, 9, 1265.	1.8	8
38	Epithelial Cell Tumors of the Hen Reproductive Tract. <i>Avian Diseases</i> , 2014, 58, 95-101.	0.4	7
39	A highly efficient hybrid peptide ameliorates intestinal inflammation and mucosal barrier damage by neutralizing lipopolysaccharides and antagonizing the lipopolysaccharide—receptor interaction. <i>FASEB Journal</i> , 2020, 34, 16049-16072.	0.2	7
40	Epigenetic Research in Stem Cell Bioengineering—Anti-Cancer Therapy, Regenerative and Reconstructive Medicine in Human Clinical Trials. <i>Cancers</i> , 2020, 12, 1016.	1.7	7
41	Hatchability of Chicken Embryos Following Somite Manipulation. <i>BioTechniques</i> , 2003, 34, 1128-1130.	0.8	5
42	Muscle Cell Morphogenesis, Structure, Development and Differentiation Processes Are Significantly Regulated during Human Ovarian Granulosa Cells In Vitro Cultivation. <i>Journal of Clinical Medicine</i> , 2020, 9, 2006.	1.0	5
43	Myogenic Response to Increasing Concentrations of Ammonia Differs between Mammalian, Avian, and Fish Species: Cell Differentiation and Genetic Study. <i>Genes</i> , 2020, 11, 840.	1.0	5
44	The impact of scheduled cage cleaning on older hens (<i>Gallus gallus</i>). <i>Lab Animal</i> , 2010, 39, 210-215.	0.2	3
45	EXPRESSION AND PURIFICATION OF BIOLOGICALLY ACTIVE RECOMBINANT QUAIL STEM CELL FACTOR IN E. COLI. <i>Cell Biology International</i> , 2000, 24, 311-317.	1.4	2
46	New Gene Markers Expressed in Porcine Oviductal Epithelial Cells Cultured Primary In Vitro Are Involved in Ontological Groups Representing Physiological Processes of Porcine Oocytes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2082.	1.8	1
47	Analysis of TGFB1, CD105 and FSP1 expression in human granulosa cells during a 7-day primary in vitro culture. <i>Medical Journal of Cell Biology (discontinued)</i> , 2020, 8, 152-157.	0.2	1
48	Transgenic chicken/poultry birds: serving us for survival. , 2020, , 211-221.		0
49	qPCR analysis of mesenchymal stem cell marker expression during the long-term culture of canine adipocyte derived stem cells. <i>Medical Journal of Cell Biology (discontinued)</i> , 2020, 8, 139-145.	0.2	0
50	The Influence of L-Methionine, DL-Methionine, and a Methionine Hydroxy Analog on Proliferation and Differentiation Potential of Avian Myoblasts. <i>Medical Journal of Cell Biology (discontinued)</i> , 2022, 10, 69-82.	0.2	0