

Marek Koziarowski

List of Publications by Year in descending order

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80
papers

915
citations

471061

17
h-index

610482

24
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81
all docs

81
docs citations

81
times ranked

1478
citing authors

#	ARTICLE	IF	CITATIONS
1	Antioxidant Defence System of Boar Cauda Epididymidal Spermatozoa and Reproductive Tract Fluids. <i>Reproduction in Domestic Animals</i> , 2011, 46, 527-533.	0.6	51
2	Cadmium-induced changes in genomic DNA-methylation status increase aneuploidy events in a pig Robertsonian translocation model. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2012, 747, 182-189.	0.9	42
3	Connexin 43 gene expression in male and female gonads of porcine offspring following in utero exposure to an anti-androgen, flutamide. <i>Acta Histochemica</i> , 2011, 113, 6-12.	0.9	38
4	Pulsed or continuous electromagnetic field induce p53/p21-mediated apoptotic signaling pathway in mouse spermatogenic cells in vitro and thus may affect male fertility. <i>Toxicology</i> , 2017, 382, 84-92.	2.0	32
5	The Postweaning Rise of Tonic Luteinizing Hormone Secretion in Anestrous Cows is Not Prevented by Chronic Milking or the Physical Presence of the Calf1. <i>Biology of Reproduction</i> , 1987, 36, 1079-1084.	1.2	30
6	Expression of estrogen receptor $ER\alpha$ and estrogen receptor $ER\beta$ in the ovarian follicles and corpora lutea of pregnant swine. <i>Domestic Animal Endocrinology</i> , 2008, 35, 170-179.	0.8	29
7	Seasonal changes in antioxidant defence systems in seminal plasma and fluids of the boar reproductive tract. <i>Reproductive Biology</i> , 2011, 11, 37-47.	0.9	28
8	Klotho protects human monocytes from LPS-induced immune impairment associated with immunosenescent-like phenotype. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 1-13.	1.6	26
9	Tissue-specific distribution of the androgen receptor (AR) in the porcine fetus. <i>Acta Histochemica</i> , 2007, 109, 358-365.	0.9	25
10	Evaluation of cytotoxic and genotoxic activity of fungicide formulation Tango [®] Super in bovine lymphocytes. <i>Environmental Pollution</i> , 2017, 220, 255-263.	3.7	24
11	The impact of sex steroid agonists and antagonists on folliculogenesis in the neonatal porcine ovary via cell proliferation and apoptosis. <i>Theriogenology</i> , 2018, 113, 19-26.	0.9	24
12	Effect of flutamide on folliculogenesis in the fetal porcine ovary – Regulation by Kit ligand/c-Kit and IGF1/IGF1R systems. <i>Animal Reproduction Science</i> , 2013, 142, 160-167.	0.5	23
13	SAD and the Not-So-Single Photoreceptors. <i>American Journal of Psychiatry</i> , 2013, 170, 1403-1412.	4.0	23
14	Extremely low frequency variable electromagnetic fields affect cancer and noncancerous cells in vitro differently: Preliminary study. <i>Electromagnetic Biology and Medicine</i> , 2018, 37, 35-42.	0.7	22
15	Antioxidant Enzyme Activity and mRNA Expression in Reproductive Tract of Adult Male European Bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Reproduction in Domestic Animals</i> , 2013, 48, 7-14.	0.6	19
16	Antiandrogen flutamide affects folliculogenesis during fetal development in pigs. <i>Reproduction</i> , 2013, 145, 265-276.	1.1	18
17	Neuronal life or death linked to depression treatment: the interplay between drugs and their stress-related outcomes relate to single or combined drug therapies. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 773-784.	2.2	18
18	Klotho modulates ER-mediated signaling crosstalk between prosurvival autophagy and apoptotic cell death during LPS challenge. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2019, 24, 95-107.	2.2	18

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19	Counter current transfer of 3H-PGF ₂ ± in the mesometrium: A possible mechanism for prevention of luteal regression. <i>Animal Reproduction Science</i> , 1986, 11, 259-272.	0.5	17
20	Melatonin concentration in peripheral blood and melatonin receptors (MT1 and MT2) in the testis and epididymis of male roe deer during active spermatogenesis. <i>Theriogenology</i> , 2020, 149, 25-37.	0.9	17
21	Towards Age-Related Anti-Inflammatory Therapy: Klotho Suppresses Activation of ER and Golgi Stress Response in Senescent Monocytes. <i>Cells</i> , 2020, 9, 261.	1.8	17
22	Long-term culture with lipopolysaccharide induces dose-dependent cytostatic and cytotoxic effects in THP-1 monocytes. <i>Toxicology in Vitro</i> , 2017, 42, 1-9.	1.1	16
23	Aloe arborescens juice prevents EMF-induced oxidative stress and thus protects from pathophysiology in the male reproductive system in vitro. <i>Environmental Research</i> , 2018, 166, 141-149.	3.7	16
24	Protective role of klotho protein on epithelial cells upon co-culture with activated or senescent monocytes. <i>Experimental Cell Research</i> , 2017, 350, 358-367.	1.2	15
25	Flutamide-induced alterations in transcriptional profiling of neonatal porcine ovaries. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 35.	2.1	15
26	Klotho-Mediated Changes in Shelterin Complex Promote Cytotoxic Autophagy and Apoptosis in Amitriptyline-Treated Hippocampal Neuronal Cells. <i>Molecular Neurobiology</i> , 2019, 56, 6952-6963.	1.9	15
27	The influence of estradiol and progesterone on the concentrations of uterine oxytocin receptors and plasma PGFM in response to oxytocin in ovariectomized gilts. <i>Reproduction, Nutrition, Development</i> , 2002, 42, 327-338.	1.9	13
28	Immunolocalisation of oestrogen receptors alpha (ER ₁) and beta (ER ₂) in porcine embryos and fetuses at different stages of gestation. <i>Acta Veterinaria Hungarica</i> , 2008, 56, 221-233.	0.2	13
29	Activity of antioxidant enzymes and their mRNA expression in different reproductive tract tissues of the male roe deer (<i>Capreolus capreolus</i>) during the pre-rut and rut seasons. <i>Small Ruminant Research</i> , 2015, 129, 97-103.	0.6	12
30	New insight on the role of melatonin receptors in reproductive processes of seasonal breeders on the example of mature male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 173, 84-91.	1.7	12
31	Vascular endothelial growth factor (VEGF-A) and fibroblast growth factor (FGF-2) as potential regulators of seasonal reproductive processes in male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>General and Comparative Endocrinology</i> , 2018, 263, 72-79.	0.8	12
32	Prostaglandin F ₂ ± back transfer from the mesometrium vasculature into the uterus of the gilt during early pregnancy and estrogen-induced pseudopregnancy. <i>Animal Reproduction Science</i> , 1987, 13, 199-210.	0.5	11
33	Effect of long-term feeding with graded levels of low glucosinolate rapeseed meal on endocrine status of gilts and their piglets. <i>Livestock Science</i> , 2001, 69, 233-243.	1.2	11
34	A new route of prostaglandin F-2± transfer from the uterus into the ovary in swine. <i>Animal Reproduction Science</i> , 1983, 5, 303-309.	0.5	10
35	Estradiol, Progesterone and Testosterone Receptors for Pig Endometrium and Myometrium at Various Stages of the Estrous Cycle. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1984, 84, 285-293.	0.6	10
36	Steroid hormones in peripheral blood plasma and androgen receptors in testis and epididymis of roe deer male (<i>Capreolus capreolus</i>) during the reproduction season. <i>Small Ruminant Research</i> , 2013, 115, 86-93.	0.6	10

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37	Homosexual and social behaviours of young bulls of different geno- and phenotypes and plasma concentrations of some hormones. <i>Applied Animal Behaviour Science</i> , 1989, 24, 101-113.	0.8	9
38	Distribution of Androgen Receptor in the Porcine Uterus Throughout Pregnancy. <i>Reproduction in Domestic Animals</i> , 2007, 43, 070824033729001-???	0.6	9
39	Administration of Flutamide Alters Sperm Ultrastructure, Sperm Plasma Membrane Integrity and its Stability, and Sperm Mitochondrial Oxidative Capability in the Boar: <i>In Vivo</i> and <i>In Vitro</i> Approach. <i>Reproduction in Domestic Animals</i> , 2012, 47, 635-643.	0.6	9
40	Supplemental flaxseed modulates ovarian functions of weanling gilts via the action of selected fatty acids. <i>Animal Reproduction Science</i> , 2018, 193, 171-181.	0.5	9
41	Neonatal exposure to agonists and antagonists of sex steroid receptors induces changes in the expression of oocyte-derived growth factors and their receptors in ovarian follicles in gilts. <i>Theriogenology</i> , 2019, 134, 42-52.	0.9	9
42	Klotho-mediated changes in the expression of Atg13 alter formation of ULK1 complex and thus initiation of ER- and Golgi-stress response mediated autophagy. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2020, 25, 57-72.	2.2	9
43	Role of the mesosalpinx and oviduct vasculature in the counter-current transfer of steroid hormones into the ovary. <i>Animal Reproduction Science</i> , 1982, 5, 25-39.	0.5	7
44	Effects of Opioid Peptides, Indomethacin and Age on Oxytocin and Prolactin Release During Mating in Sows. <i>Reproduction in Domestic Animals</i> , 1995, 30, 257-263.	0.6	7
45	Immunohistochemical localization of androgen receptor and aromatase in the ovary of the pregnant pig. <i>Reproductive Biology</i> , 2004, 4, 289-98.	0.9	7
46	Autophagy as a consequence of seasonal functions of testis and epididymis in adult male European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Cell and Tissue Research</i> , 2020, 379, 613-624.	1.5	6
47	Altered dynamics in the circadian oscillation of clock genes in serum-shocked NIH-3T3 cells by the treatment of GYY4137 or AOAA. <i>Archives of Biochemistry and Biophysics</i> , 2020, 680, 108237.	1.4	6
48	Neonatal Exposure to Agonists and Antagonists of Sex Steroid Receptors Affects AMH and FSH Plasma Level and Their Receptors Expression in the Adult Pig Ovary. <i>Animals</i> , 2020, 10, 12.	1.0	6
49	Focus on the Role of Klotho Protein in Neuro-Immune Interactions in HT-22 Cells Upon LPS Stimulation. <i>Cells</i> , 2020, 9, 1231.	1.8	6
50	Trade-offs between male fertility reduction and selected growth factors or the klotho response in a lipopolysaccharide-dependent mouse model. <i>Toxicological Research</i> , 2022, 38, 175-186.	1.1	6
51	Seasonal expression of insulin-like growth factor 1 (IGF-1), its receptor IGF-1R and klotho in testis and epididymis of the European bison (<i>Bison bonasus</i> , Linnaeus 1758). <i>Theriogenology</i> , 2019, 126, 199-205.	0.9	5
52	Transcriptomic profiles of the ovaries from piglets neonatally exposed to 4-tert-octylphenol. <i>Theriogenology</i> , 2020, 153, 102-111.	0.9	5
53	Dietary flaxseed's protective effects on body tissues of mice after oral exposure to xylene. <i>Saudi Journal of Biological Sciences</i> , 2021, 28, 3789-3798.	1.8	5
54	Cancer on-target: Selective enhancement of 3-bromopyruvate action by an electromagnetic field in vitro. <i>Free Radical Biology and Medicine</i> , 2022, 180, 153-164.	1.3	5

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55	Local transfer of testosterone and aromatase activity in the spermatic cord in wild boar/pig hybrids in short-daylight and long-daylight periods. <i>Reproductive Biology</i> , 2014, 14, 282-288.	0.9	4
56	Retinal venous blood carbon monoxide response to bright light in male pigs: A preliminary study. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2017, 168, 12-15.	1.7	4
57	Effect of neonatal exposure to endocrine-active compounds on plasma lipid and steroid concentrations, and morphology of luteal tissue in the adult pig. <i>Domestic Animal Endocrinology</i> , 2020, 70, 106381.	0.8	4
58	A transcriptome approach evaluating effects of neonatal androgen and anti-androgen treatments on regulation of luteal function in sexually mature pigs. <i>Animal Reproduction Science</i> , 2020, 212, 106252.	0.5	4
59	Risk of wild fungi treatment failure: <i>Phallus impudicus</i> -induced telomere damage triggers p21/p53 and p16-dependent cell cycle arrest and may contribute to male fertility reduction in vitro. <i>Ecotoxicology and Environmental Safety</i> , 2021, 209, 111782.	2.9	4
60	IGF-1 as selected growth factor multi-response to antidepressant-like substances activity in C57BL/6J mouse testis model. <i>Acta Histochemica</i> , 2021, 123, 151685.	0.9	4
61	TGF β 2 (transforming growth factor β 2) superfamily members and their receptors in the fetal porcine ovaries: effect of prenatal flutamide treatment. <i>Folia Histochemica Et Cytobiologica</i> , 2015, 52, 317-325.	0.6	4
62	Molecular Consequences of Depression Treatment: A Potential In Vitro Mechanism for Antidepressants-Induced Reprotoxic Side Effects. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11855.	1.8	4
63	Effects of mating stimuli and oxytocin on plasma cortisol concentration in gilts. <i>Reproductive Biology</i> , 2002, 2, 25-37.	0.9	4
64	Secretion of estradiol-17 β by porcine mammary gland of ovariectomized steroid-treated sows. <i>Animal Reproduction Science</i> , 2004, 81, 87-95.	0.5	3
65	The seasonal changes of the heme oxygenase in the retina pig. <i>Experimental Eye Research</i> , 2020, 190, 107870.	1.2	3
66	Effect of neonatal exposure to endocrine-active compounds on epigenetic regulation of gene expression in corpus luteum of gilts. <i>Theriogenology</i> , 2021, 159, 45-52.	0.9	3
67	Effects of neonatal exposure to methoxychlor on corpus luteum in gilts: A transcriptomic analysis. <i>Molecular Reproduction and Development</i> , 2021, 88, 238-248.	1.0	2
68	Identification and Investigation of properties of strains <i>Enterococcus</i> spp. Isolated from artisanal Carpathian cheese. <i>Biocatalysis and Agricultural Biotechnology</i> , 2022, 39, 102259.	1.5	2
69	Effects of neonatal methoxychlor exposure on the ovarian transcriptome in piglets. <i>Animal Reproduction Science</i> , 2022, 238, 106956.	0.5	2
70	Melatonin receptors subtypes (MT1 and MT2) in the uterus masculinus of mature male european bison. Biological and seasonal reproductive role. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, 67-73.	1.1	2
71	Retrograde and destination transfer of sex steroid hormones in the spermatic cord vessels of the mature boar (<i>Sus scrofa</i>) in short-daylight and long-daylight periods, as well as vernal and autumnal equinox. <i>Animal Reproduction Science</i> , 2016, 164, 1-8.	0.5	1
72	Electromagnetic field of extremely low frequency (60Hz and 120Hz) effects the cell cycle progression and the metabolic activity of the anterior pituitary gland cells in vitro. , 2017, , .		1

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73	Altered circadian dynamics of Per2 after cystathionine- β -synthase and/or cystathionine- β -lyase pharmacological inhibition in serum-shocked NIH-3T3 cells. Archives of Biochemistry and Biophysics, 2021, 697, 108713.	1.4	1
74	Local Hormonal Regulations in Female Reproductive Organs of Domestic Animals. Polish Journal of Natural Sciences, 2007, 22, 742-752.	0.7	1
75	Season controlled reproduction of undomesticated animals. Reproductive Biology, 2006, 6 Suppl 1, 137-49.	0.9	1
76	The Gonadotropins Subunits, GNRH and GNRH Receptor Gene Expression and Role of Carbon Monoxide in Seasonal Breeding Animals. Annals of Animal Science, 2012, 12, 15-23.	0.6	0
77	Expression analysis of gonadotropin anterior pituitary genes after increase in the carbon monoxide concentration in the cavernous sinus of the perihypophyseal vascular complex. Reproductive Biology, 2013, 13, 18.	0.9	0
78	Expression of Hypoxia-Inducible Factor-1 α and Association with Cu/Zn Superoxide Dismutase in the Reproductive Tract Tissues of Adult Male Roe Deer (Capreolus capreolus) During the Reproduction Season. Annals of Animal Science, 2017, 17, 1063-1074.	0.6	0
79	Electromagnetic field and visible light as factors affecting the functions of cells in animals and humans. , 2019, , .		0
80	Long-Term Changes in Ovarian Follicles of Gilts Exposed Neonatally to Methoxychlor: Effects on Oocyte-Derived Factors, Anti-Müllerian Hormone, Follicle-Stimulating Hormone, and Cognate Receptors. International Journal of Molecular Sciences, 2022, 23, 2780.	1.8	0