

Zdzislaw Zg Gajewski

List of Publications by Year in descending order

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75
papers

676
citations

567281

15
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794594

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83
all docs

83
docs citations

83
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	Biodegradation of the ZnO:Eu nanoparticles in the tissues of adult mouse after alimentary application. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 843-852.	3.3	34
2	In vivo imaging system for explants analysisâ€”A new approach for assessment of cell transplantation effects in large animal models. <i>PLoS ONE</i> , 2017, 12, e0184588.	2.5	32
3	Signaling mechanisms and their regulation during in vivo or in vitro maturation of mammalian oocytes. <i>Reproductive Biology and Endocrinology</i> , 2022, 20, 37.	3.3	28
4	Luminescent properties of ZrO ₂ :Tb nanoparticles for applications in neuroscience. <i>Optical Materials</i> , 2016, 59, 96-102.	3.6	23
5	Structure and Function of Enterocyte in Intrauterine Growth Retarded Pig Neonates. <i>Disease Markers</i> , 2017, 2017, 1-9.	1.3	23
6	Interferon-tau promotes luteal endothelial cell survival and inhibits specific luteolytic genes in bovine corpus luteum. <i>Reproduction</i> , 2017, 154, 559-568.	2.6	22
7	Signs of embryo-maternal communication: miRNAs in the maternal serum of pregnant pigs. <i>Reproduction</i> , 2017, 154, 217-228.	2.6	21
8	Gain-of-Function Mutations in p53 in Cancer Invasiveness and Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1334.	4.1	20
9	Intraurethral co-transplantation of bone marrow mesenchymal stem cells and muscle-derived cells improves the urethral closure. <i>Stem Cell Research and Therapy</i> , 2018, 9, 239.	5.5	19
10	Short-term whole body vibration exercise in adult healthy horses. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 403-405.	0.2	17
11	Tuning the luminescence of ZnO:Eu nanoparticles for applications in biology and medicine. <i>Optical Materials</i> , 2018, 80, 77-86.	3.6	17
12	Terbium content affects the luminescence properties of ZrO ₂ :Tb nanoparticles for mammary cancer imaging in mice. <i>Optical Materials</i> , 2017, 74, 16-26.	3.6	16
13	New generation of oxide-based nanoparticles for the applications in early cancer detection and diagnostics. <i>Nanotechnology Reviews</i> , 2020, 9, 274-302.	5.8	16
14	Chitosan â€” a promising biomaterial in veterinary medicine. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 843-848.	0.2	15
15	Transfer of orally administered ZnO:Eu nanoparticles through the bloodâ€”testis barrier: the effect on kinetic sperm parameters and apoptosis in mice testes. <i>Nanotechnology</i> , 2019, 30, 455101.	2.6	15
16	Expression of genes involved in the NF- κ B-dependent pathway of the fibrosis in the mare endometrium. <i>Theriogenology</i> , 2020, 147, 18-24.	2.1	15
17	Effect of human chorionic gonadotropin on myometrial electrical activity in the pig. <i>Animal Reproduction Science</i> , 1993, 31, 131-139.	1.5	14
18	High-k oxides by atomic layer depositionâ€”Applications in biology and medicine. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2017, 35, .	2.1	14

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19	The Anatomy of Caprine Female Urethra and Characteristics of Muscle and Bone Marrow Derived Caprine Cells for Autologous Cell Therapy Testing. <i>Anatomical Record</i> , 2017, 300, 577-588.	1.4	13
20	Limited accuracy of transurethral and periurethral intrasphincteric injections of cellular suspension. <i>Neurourology and Urodynamics</i> , 2018, 37, 1612-1622.	1.5	13
21	HfO ₂ :Eu nanoparticles excited by X-rays and UV-visible radiation used in biological imaging. <i>Journal of Rare Earths</i> , 2019, 37, 1176-1182.	4.8	11
22	Preliminary Studies on Biodegradable Zinc Oxide Nanoparticles Doped with Fe as a Potential Form of Iron Delivery to the Living Organism. <i>Nanoscale Research Letters</i> , 2019, 14, 373.	5.7	11
23	The perinatal development of the gastrointestinal tract in piglets can be modified by supplementation of sow diet with bioactive substances. <i>Livestock Science</i> , 2007, 109, 34-37.	1.6	10
24	The linear synchronization measures of uterine EMG signals: Evidence of synchronized action potentials during propagation. <i>Theriogenology</i> , 2016, 86, 1873-1878.	2.1	10
25	Performance and Meat Quality of Intrauterine Growth Restricted Pigs. <i>Animals</i> , 2021, 11, 254.	2.3	10
26	Alterations in the liver of intrauterine growth retarded piglets may predispose to development of insulin resistance and obesity in later life. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	10
27	Characteristics and analysis of uterine electromyographic activity in pregnant cows. <i>Theriogenology</i> , 1992, 37, 1133-1145.	2.1	9
28	Biomathematical pattern of EMG signal propagation in smooth muscle of the non-pregnant porcine uterus. <i>PLoS ONE</i> , 2017, 12, e0173452.	2.5	9
29	An application of temperature mapping of horse's back for leisure horse rider matching. <i>Animal Science Journal</i> , 2019, 90, 1396-1406.	1.4	9
30	Experimental immunology Application of flow cytometry in diagnosing lymphomas in dogs and cats. <i>Central-European Journal of Immunology</i> , 2014, 3, 327-330.	1.2	8
31	Differential expression of genes linked to the leukemia inhibitor factor signaling pathway during the estrus cycle and early pregnancy in the porcine endometrium. <i>Reproductive Biology</i> , 2014, 14, 293-297.	1.9	8
32	Uterine EMG activity in the non-pregnant sow during estrous cycle. <i>BMC Veterinary Research</i> , 2018, 14, 176.	1.9	8
33	An application of higher order multivariate cumulants in modelling of myoelectrical activity of porcine uterus during early pregnancy. <i>BioSystems</i> , 2019, 175, 30-38.	2.0	8
34	Molecular absorption and mass spectrometry for complementary analytical study of fluorinated drugs in animal organisms. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1840-1847.	3.0	8
35	A novel approach to thermographic images analysis of equine thoracolumbar region: the effect of effort and rider's body weight on structural image complexity. <i>BMC Veterinary Research</i> , 2021, 17, 99.	1.9	8
36	Differences in Intestinal Barrier Development between Intrauterine Growth Restricted and Normal Birth Weight Piglets. <i>Animals</i> , 2021, 11, 990.	2.3	8

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37	Comparison of accuracy of pregnancy-associated glycoprotein (PAG) concentration in blood and milk for early pregnancy diagnosis in cows. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2014, 156, 585-590.	0.8	7
38	Dynamics of Acute Local Inflammatory Response after Autologous Transplantation of Muscle-Derived Cells into the Skeletal Muscle. <i>Mediators of Inflammation</i> , 2014, 2014, 1-12.	3.0	7
39	C-kit receptor immunopositive interstitial cells (Cajal-type) in the porcine reproductive tract. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 32.	1.6	7
40	Altrenogest affects the development and endocrine milieu of ovarian follicles in prepubertal and mature gilts. <i>Biology of Reproduction</i> , 2020, 103, 1069-1084.	2.7	7
41	Intracellular and tissue specific expression of FTO protein in pig: changes with age, energy intake and metabolic status. <i>Scientific Reports</i> , 2020, 10, 13029.	3.3	7
42	Endocrine and molecular milieus of ovarian follicles are diversely affected by human chorionic gonadotropin and gonadotropin-releasing hormone in prepubertal and mature gilts. <i>Scientific Reports</i> , 2021, 11, 13465.	3.3	7
43	A Primeval Mechanism of Tolerance to Desiccation Based on Glycolic Acid Saves Neurons in Mammals from Ischemia by Reducing Intracellular Calcium-Mediated Excitotoxicity. <i>Advanced Science</i> , 2022, 9, e2103265.	11.2	7
44	Dietary bioactive substances influenced perinatal bone development in piglets. <i>Livestock Science</i> , 2007, 108, 72-75.	1.6	6
45	Pregnancy associated glycoproteins as a new diagnostic tool in cattle reproduction. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2009, 151, 577-582.	0.8	6
46	Bioelectrical activity of porcine oviduct and uterus during spontaneous and induced estrus associated with cyclic hormone changes. <i>Theriogenology</i> , 2016, 86, 2312-2322.	2.1	6
47	The Pattern of Superficial Body Temperatures in Leisure Horses Lunged with Commonly Used Lunging Aids. <i>Animals</i> , 2019, 9, 1095.	2.3	6
48	Content of Health-Promoting Fatty Acids in Commercial Sheep, Cow and Goat Cheeses. <i>Foods</i> , 2022, 11, 1116.	4.3	6
49	Monitoring of the mare during the perinatal period at the clinic and in the stable. <i>Equine Veterinary Education</i> , 2020, 32, 654-663.	0.6	5
50	Wide band-gap oxide nanoparticles as potential drug carriers. <i>Medycyna Weterynaryjna</i> , 2017, 73, 657-660.	0.1	5
51	Efecto de la Acción de Estimulantes y Bloqueadores de los Receptores Adrenérgicos sobre la Actividad Eléctrica del Utero en Vacas Preñadas. <i>Transboundary and Emerging Diseases</i> , 1991, 38, 710-715.	0.6	4
52	Fluorine-Containing Drug Administration in Rats Results in Fluorination of Selected Proteins in Liver and Brain Tissue. <i>International Journal of Molecular Sciences</i> , 2022, 23, 4202.	4.1	4
53	Biochemical markers of bone turnover during pregnancy in horses: a longitudinal study. <i>Polish Journal of Veterinary Sciences</i> , 2012, 15, 793-795.	0.2	3
54	Characteristics of bioelectrical activity of oviducts and uterus during early pregnancy in sows recorded by telemetry method. <i>Experimental Physiology</i> , 2017, 102, 1672-1682.	2.0	3

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55	Long-Term Recording of Reticulo-Rumen Myoelectrical Activity in Sheep by a Telemetry Method. <i>Animals</i> , 2021, 11, 1052.	2.3	3
56	Evaluation of frequency and intensity of asymptomatic anisocytosis in the Japanese dog breeds Shiba, Akita, and Hokkaido. <i>Acta Veterinaria Brno</i> , 2017, 86, 385-391.	0.5	3
57	Breeding management of mares in late reproductive age considering improvement of welfare. A review. <i>Journal of Animal and Feed Sciences</i> , 2018, 27, 285-291.	1.1	3
58	Repair and rehabilitation concept of a five-day-old radius fracture in a foal. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2012, 154, 153-154.	0.8	2
59	Walsh-Hadamard spectral analysis of signals representing bioelectrical activity of the reproductive tract in pigs. , 2015, , .		2
60	Multimodal non-gadolinium oxide nanoparticles for MRI and fluorescence labelling. , 2018, , .		2
61	Telemetry Recording of the Electromyographic Activity of Female Reproduction Tract. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 101-112.	0.6	2
62	Functional identification of abductor and adductor branches for laryngeal transplantation. <i>European Archives of Oto-Rhino-Laryngology</i> , 2018, 275, 2813-2816.	1.6	1
63	Lochial and endometrial cytological changes during the first 10 days post-partum with special reference to the nature of foaling and puerperium in equine. <i>Theriogenology</i> , 2019, 139, 43-48.	2.1	1
64	Computational multivariate modelling of electrical activity of the porcine uterus during spontaneous and hormone-induced oestrus. <i>Experimental Physiology</i> , 2019, 104, 322-333.	2.0	1
65	The Influence of Intravaginal Gestagens Treatment on the Morphological Features and Endometrial Steroid Hormone Receptors Content during Anestrus Type II in Dairy Cattle. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1235.	4.1	1
66	The Effect of Duration of Pregnancy on the Activity of Cystine Aminopeptidase (CAP) Isoenzymes in Biological Fluids and Tissues of Sows and their Fetuses*. <i>Transboundary and Emerging Diseases</i> , 1987, 34, 740-748.	0.6	0
67	Imaging methods provide crucial understanding of the uptake and distribution processes of biodegradable ZnO doped Eu ³⁺ -nanoparticles in living organism.. , 2016, , .		0
68	Arteriovenous oscillations of the redox potential: Is the redox state influencing blood flow?. <i>Redox Report</i> , 2017, 22, 210-217.	4.5	0
69	Oxide-based materials by atomic layer deposition. <i>Proceedings of SPIE</i> , 2017, , .	0.8	0
70	Long-Term Organism Distribution of Microwave Hydrothermally Synthesized ZrO ₂ :Pr Nanoparticles. <i>Neuromethods</i> , 2018, , 251-267.	0.3	0
71	Stress-Induced Phosphaturia in Weaned Piglets. <i>Animals</i> , 2020, 10, 2220.	2.3	0
72	Carpal Valgosity in Foals. <i>Medycyna Weterynaryjna</i> , 2017, 73, 244-247.	0.1	0

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73	Novel fluorescent oxides provide insight into the dynamics of nanoparticle mediated drug uptake from the gastro-intestinal tract. , 2018, , .		0
74	Novel nanomaterials for applications in cancer imaging. , 2018, , .		0
75	Biodegradable, fluorescent oxide nanocrystals for application in biology and medicine. , 2018, , .		0