

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

19
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83
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83
docs citations

83
times ranked

849
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	Content of Health-Promoting Fatty Acids in Commercial Sheep, Cow and Goat Cheeses. <i>Foods</i> , 2022, 11, 1116.	4.3	6
6	Performance and Meat Quality of Intrauterine Growth Restricted Pigs. <i>Animals</i> , 2021, 11, 254.	2.3	10
7	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
8	Differences in Intestinal Barrier Development between Intrauterine Growth Restricted and Normal Birth Weight Piglets. <i>Animals</i> , 2021, 11, 990.	2.3	8
9	Long-Term Recording of Reticulo-Rumen Myoelectrical Activity in Sheep by a Telemetry Method. <i>Animals</i> , 2021, 11, 1052.	2.3	3
10	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
11	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
12	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
13	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
14	Stress-Induced Phosphaturia in Weaned Piglets. <i>Animals</i> , 2020, 10, 2220.	2.3	0
15	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
16	Gain-of-Function Mutations in p53 in Cancer Invasiveness and Metastasis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1334.	4.1	20
17	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
18	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

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19	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
20	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
21	An application of temperature mapping of horse's back for leisure horseâ€“riderâ€“matching. <i>Animal Science Journal</i> , 2019, 90, 1396-1406.	1.4	9
22	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
23	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
24	The Pattern of Superficial Body Temperatures in Leisure Horses Lunged with Commonly Used Lunging Aids. <i>Animals</i> , 2019, 9, 1095.	2.3	6
25	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
26	Computational multivariate modelling of electrical activity of the porcine uterus during spontaneous and hormoneâ€“induced oestrus. <i>Experimental Physiology</i> , 2019, 104, 322-333.	2.0	1
27	Limited accuracy of transurethral and periurethral intrasphincteric injections of cellular suspension. <i>Neurourology and Urodynamics</i> , 2018, 37, 1612-1622.	1.5	13
28	Long-Term Organism Distribution of Microwave Hydrothermally Synthesized ZrO ₂ :Pr Nanoparticles. <i>Neuromethods</i> , 2018, , 251-267.	0.3	0
29	Tuning the luminescence of ZnO:Eu nanoparticles for applications in biology and medicine. <i>Optical Materials</i> , 2018, 80, 77-86.	3.6	17
30	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
31	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
32	Uterine EMG activity in the non-pregnant sow during estrous cycle. <i>BMC Veterinary Research</i> , 2018, 14, 176.	1.9	8
33	Multimodal non-gadolinium oxide nanoparticles for MRI and fluorescence labelling. , 2018, , .		2
34	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
35	Novel fluorescent oxides provide insight into the dynamics of nanoparticle mediated drug uptake from the gastro-intestinal tract. , 2018, , .		0
36	Novel nanomaterials for applications in cancer imaging. , 2018, , .		0

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37	Biodegradable, fluorescent oxide nanocrystals for application in biology and medicine. , 2018, , .		0
38	Breeding management of mares in late reproductive age considering improvement of welfare. A review. Journal of Animal and Feed Sciences, 2018, 27, 285-291.	1.1	3
39	Arteriovenous oscillations of the redox potential: Is the redox state influencing blood flow?. Redox Report, 2017, 22, 210-217.	4.5	0
40	High-k oxides by atomic layer deposition”Applications in biology and medicine. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 2017, 35, .	2.1	14
41	Oxide-based materials by atomic layer deposition. Proceedings of SPIE, 2017, , .	0.8	0
42	Terbium content affects the luminescence properties of ZrO 2 :Tb nanoparticles for mammary cancer imaging in mice. Optical Materials, 2017, 74, 16-26.	3.6	16
43	Signs of embryo-maternal communication: miRNAs in the maternal serum of pregnant pigs. Reproduction, 2017, 154, 217-228.	2.6	21
44	Biodegradation of the ZnO:Eu nanoparticles in the tissues of adult mouse after alimentary application. Nanomedicine: Nanotechnology, Biology, and Medicine, 2017, 13, 843-852.	3.3	34
45	Interferon-tau promotes luteal endothelial cell survival and inhibits specific luteolytic genes in bovine corpus luteum. Reproduction, 2017, 154, 559-568.	2.6	22
46	C-kit receptor immunopositive interstitial cells (Cajal-type) in the porcine reproductive tract. Acta Veterinaria Scandinavica, 2017, 59, 32.	1.6	7
47	The Anatomy of Caprine Female Urethra and Characteristics of Muscle and Bone Marrow Derived Caprine Cells for Autologous Cell Therapy Testing. Anatomical Record, 2017, 300, 577-588.	1.4	13
48	Characteristics of bioelectrical activity of oviducts and uterus during early pregnancy in sows recorded by telemetry method. Experimental Physiology, 2017, 102, 1672-1682.	2.0	3
49	Structure and Function of Enterocyte in Intrauterine Growth Retarded Pig Neonates. Disease Markers, 2017, 2017, 1-9.	1.3	23
50	Biomathematical pattern of EMG signal propagation in smooth muscle of the non-pregnant porcine uterus. PLoS ONE, 2017, 12, e0173452.	2.5	9
51	In vivo imaging system for explants analysis”A new approach for assessment of cell transplantation effects in large animal models. PLoS ONE, 2017, 12, e0184588.	2.5	32
52	Evaluation of frequency and intensity of asymptomatic anisocytosis in the Japanese dog breeds Shiba, Akita, and Hokkaido. Acta Veterinaria Brno, 2017, 86, 385-391.	0.5	3
53	Carpal Valgosity in Foals. Medycyna Weterynaryjna, 2017, 73, 244-247.	0.1	0
54	Wide band-gap oxide nanoparticles as potential drug carriers. Medycyna Weterynaryjna, 2017, 73, 657-660.	0.1	5

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55	Imaging methods provide crucial understanding of the uptake and distribution processes of biodegradable ZnO doped Eu ³⁺ nanoparticles in living organism.. , 2016, , .		0
56	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
57	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
58	Luminescent properties of ZrO ₂ :Tb nanoparticles for applications in neuroscience. <i>Optical Materials</i> , 2016, 59, 96-102.	3.6	23
59	Walsh-Hadamard spectral analysis of signals representing bioelectrical activity of the reproductive tract in pigs. , 2015, , .		2
60	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
61	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
62	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
63	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
64	Telemetry Recording of the Electromyographic Activity of Female Reproduction Tract. <i>Advances in Intelligent Systems and Computing</i> , 2014, , 101-112.	0.6	2
65	Short-term whole body vibration exercise in adult healthy horses. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 403-405.	0.2	17
66	Chitosan – a promising biomaterial in veterinary medicine. <i>Polish Journal of Veterinary Sciences</i> , 2013, 16, 843-848.	0.2	15
67	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
68	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
69	Pregnancy – associated glycoproteins as a new diagnostic tool in cattle reproduction. <i>Schweizer Archiv Fur Tierheilkunde</i> , 2009, 151, 577-582.	0.8	6
70	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
71	Dietary bioactive substances influenced perinatal bone development in piglets. <i>Livestock Science</i> , 2007, 108, 72-75.	1.6	6
72	Effect of human chorionic gonadotropin on myometrial electrical activity in the pig. <i>Animal Reproduction Science</i> , 1993, 31, 131-139.	1.5	14

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73	Characteristics and analysis of uterine electromyographic activity in pregnant cows. Theriogenology, 1992, 37, 1133-1145.	2.1	9
74	Efecto de la Acción de Estimulantes y Bloqueadores de los Receptores Adrenérgicos sobre la Actividad Eléctrica del Utero en Vacas Preñadas. Transboundary and Emerging Diseases, 1991, 38, 710-715.	0.6	4
75	The Effect of Duration of Pregnancy on the Activity of Cystine Aminopeptidase (CAP) Isoenzymes in Biological Fluids and Tissues of Sows and their Fetuses*. Transboundary and Emerging Diseases, 1987, 34, 740-748.	0.6	0