

Monika Bugno-Poniewierska

List of Publications by Year in descending order

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1038
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#	ARTICLE	IF	CITATIONS
1	Y-Chromosomal Insights into Breeding History and Sire Line Genealogies of Arabian Horses. <i>Genes</i> , 2022, 13, 229.	2.4	12
2	The perspective of the incompatible of nucleus and mitochondria in interspecies somatic cell nuclear transfer for endangered species. <i>Reproduction in Domestic Animals</i> , 2021, 56, 199-207.	1.4	8
3	Suitability of Pedigree Information and Genomic Methods for Analyzing Inbreeding of Polish Cold-Blooded Horses Covered by Conservation Programs. <i>Genes</i> , 2021, 12, 429.	2.4	12
4	Horse Clinical Cytogenetics: Recurrent Themes and Novel Findings. <i>Animals</i> , 2021, 11, 831.	2.3	16
5	Severe asynapsis in spermatocytes of interspecific hybrids of the silver fox (<i>Vulpes vulpes</i>) and the blue fox (<i>Alopex lagopus</i>) leads to pachytene I arrest as a result of sustained H2AX ³ phosphorylation. <i>Theriogenology</i> , 2021, 162, 1-5.	2.1	0
6	Single Nucleotide Polymorphism Discovery and Genetic Differentiation Analysis of Geese Bred in Poland, Using Genotyping-by-Sequencing (GBS). <i>Genes</i> , 2021, 12, 1074.	2.4	8
7	Application of the FISH Technique to Visualize Sex Chromosomes in Domestic Cat Spermatozoa. <i>Animals</i> , 2021, 11, 2106.	2.3	1
8	Interspecific hybrids of animals - in nature, breeding and science – a review. <i>Annals of Animal Science</i> , 2021, 21, 403-415.	1.6	7
9	Characteristics of diluted-stored and post-thawed semen of Hutsul stallions. <i>Acta Veterinaria Hungarica</i> , 2021, , .	0.5	0
10	Premature centromere division (PCD) identified in a hucul mare with reproductive difficulties. <i>Reproduction in Domestic Animals</i> , 2020, 55, 248-251.	1.4	1
11	Comparison of linkage disequilibrium, effective population size and haplotype blocks in Polish Landrace and Polish native pig populations. <i>Livestock Science</i> , 2020, 231, 103887.	1.6	11
12	Using Time Lapse Monitoring for Determination of Morphological Defect Frequency in Feline Embryos after in Vitro Fertilization (IVF). <i>Animals</i> , 2020, 10, 3.	2.3	10
13	The frequency of collapse as a predictor of feline blastocyst quality. <i>Theriogenology</i> , 2020, 157, 372-377.	2.1	9
14	Genome Diversity and the Origin of the Arabian Horse. <i>Scientific Reports</i> , 2020, 10, 9702.	3.3	47
15	Survivability and developmental competences of domestic cat (<i>Felis catus</i>) oocytes after Cryotech method vitrification. <i>Reproduction in Domestic Animals</i> , 2020, 55, 992-997.	1.4	8
16	Fertile male tortoiseshell cat with true chimerism 38,XY/38,XY. <i>Reproduction in Domestic Animals</i> , 2020, 55, 1139-1144.	1.4	3
17	Genetic, historical and breeding aspects of the occurrence of the tobiano pattern and white markings in the Polish population of Hucul horses – a review. <i>Journal of Applied Animal Research</i> , 2020, 48, 21-27.	1.2	4
18	Genetic Differentiation of the Two Types of Polish Cold-blooded Horses Included in the National Conservation Program. <i>Animals</i> , 2020, 10, 542.	2.3	4

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19	Mobility and Invasion Related Gene Expression Patterns in Equine Sarcoid. <i>Animals</i> , 2020, 10, 880.	2.3	1
20	MicroRNA profiling of the pig periaqueductal grey (PAG) region reveals candidates potentially related to sex-dependent differences. <i>Biology of Sex Differences</i> , 2020, 11, 67.	4.1	1
21	The use of the SLC16A1 gene as a potential marker to predict race performance in Arabian horses. <i>BMC Genetics</i> , 2019, 20, 73.	2.7	8
22	An Evaluation of the Genetic Structure of Geese Maintained in Poland on the Basis of Microsatellite Markers. <i>Animals</i> , 2019, 9, 737.	2.3	6
23	Induced androgenetic development in rainbow trout and transcriptome analysis of irradiated eggs. <i>Scientific Reports</i> , 2019, 9, 8084.	3.3	7
24	Genetic screening for cerebellar atrophy, severe combined immunodeficiency and lavender foal syndrome in Arabian horses in Poland. <i>Veterinary Journal</i> , 2019, 248, 71-73.	1.7	10
25	Evaluation of genotyping by sequencing for population genetics of sibling and hybridizing birds: an example using Syrian and Great Spotted Woodpeckers. <i>Journal of Ornithology</i> , 2019, 160, 287-294.	1.1	5
26	A genome-wide scan for diversifying selection signatures in selected horse breeds. <i>PLoS ONE</i> , 2019, 14, e0210751.	2.5	52
27	A Comprehensive Analysis of Runs of Homozygosity of Eleven Cattle Breeds Representing Different Production Types. <i>Animals</i> , 2019, 9, 1024.	2.3	36
28	The expression profile of genes involved in osteoclastogenesis detected in whole blood of Arabian horses during 3 years of competing at race track. <i>Research in Veterinary Science</i> , 2019, 123, 59-64.	1.9	5
29	Genotyping-by-sequencing performance in selected livestock species. <i>Genomics</i> , 2019, 111, 186-195.	2.9	50
30	The Genetic Basis of Piebald Coat Colour in Hucul Horses in the Context of White Markings and Crypto-Tobiano as a Breeding Problem in Poland. <i>Annals of Animal Science</i> , 2019, 19, 955-966.	1.6	0
31	A genome-wide detection of selection signatures in conserved and commercial pig breeds maintained in Poland. <i>BMC Genetics</i> , 2018, 19, 95.	2.7	31
32	Transcriptome Analysis of Rainbow Trout (<i>Oncorhynchus mykiss</i>) Eggs Subjected to the High Hydrostatic Pressure Treatment. <i>International Journal of Genomics</i> , 2018, 2018, 1-7.	1.6	4
33	Analysis of the Methylation Status of CpG Sites Within Cancer-Related Genes in Equine Sarcoids. <i>Annals of Animal Science</i> , 2018, 18, 907-918.	1.6	2
34	Genetic variability in equine GDF9 and BMP15 genes in Arabian and Thoroughbred mares. <i>Annals of Animal Science</i> , 2018, 18, 39-52.	1.6	2
35	Exercise-induced modification of the skeletal muscle transcriptome in Arabian horses. <i>Physiological Genomics</i> , 2017, 49, 318-326.	2.3	29
36	Transcriptome profiling of Arabian horse blood during training regimens. <i>BMC Genetics</i> , 2017, 18, 31.	2.7	27

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37	Comprehensive characteristics of microRNA expression profile of equine sarcoids. <i>Biochimie</i> , 2017, 137, 20-28.	2.6	16
38	Genomic landscape of copy number variation and copy neutral loss of heterozygosity events in equine sarcoids reveals increased instability of the sarcoid genome. <i>Biochimie</i> , 2017, 140, 122-132.	2.6	5
39	Variation in TBX3 Gene Region in Dun Coat Color Polish Konik Horses. <i>Journal of Equine Veterinary Science</i> , 2017, 49, 60-62.	0.9	11
40	Cross Species Amplification of Coat Colour Genes in Nutria (<i>Myocastor coypus</i> Mol). <i>Folia Biologica</i> , 2016, 64, 105-111.	0.5	0
41	Characteristics of runs of homozygosity in selected cattle breeds maintained in Poland. <i>Livestock Science</i> , 2016, 188, 72-80.	1.6	79
42	Identification of Unbalanced Aberrations in the Genome of Equine Sarcoid Cells Using CGH Technique. <i>Annals of Animal Science</i> , 2016, 16, 79-85.	1.6	3
43	Analysis of Genetic Variability in Farmed and Wild Populations of Raccoon Dog (<i>Nyctereutes</i>) Tj ETQq1 1 0.784314,rgBT /Overlock 10	1.8	10
44	The characteristics of the porcine (<i>Sus scrofa</i>) liver miRNAome with the use of next generation sequencing. <i>Journal of Applied Genetics</i> , 2015, 56, 239-252.	1.9	5
45	Identification of differential selection traces in two Polish cattle breeds. <i>Animal Science Journal</i> , 2015, 86, 17-24.	1.4	5
46	Cytogenetic Characterization of the Genome of Interspecies Hybrids (<i>Alopex-Vulpes</i>). <i>Annals of Animal Science</i> , 2015, 15, 81-91.	1.6	5
47	Genome organization and DNA methylation patterns of B chromosomes in the red fox and Chinese raccoon dogs. <i>Hereditas</i> , 2014, 151, 169-176.	1.4	6
48	Analysis of genomic Instability in Primary Spermatocytes of Interspecific Hybrids of the Red Fox (<i>Vulpes vulpes</i>) and the Arctic Fox (<i>Alopex lagopus</i>). <i>Folia Biologica</i> , 2014, 62, 307-312.	0.5	2
49	Age-related effects on sex chromosome aberrations in equine spermatozoa. <i>Journal of Equine Veterinary Science</i> , 2014, 34, 34.	0.9	2
50	Changes in DNA methylation patterns and repetitive sequences in blood lymphocytes of aged horses. <i>Age</i> , 2014, 36, 31-48.	3.0	14
51	Sarcoid-derived fibroblasts: Links between genomic instability, energy metabolism and senescence. <i>Biochimie</i> , 2014, 97, 163-172.	2.6	16
52	General assessment of copy number variation in normal and tumor tissues of the domestic dog (<i>Canis</i>) Tj ETQq0 0 0,rgBT /Overlock 10	1.95	7
53	The application of genome-wide SNP genotyping methods in studies on livestock genomes. <i>Journal of Applied Genetics</i> , 2014, 55, 197-208.	1.9	24
54	Sex reversal syndrome in the horse: Four new cases of feminization in individuals carrying a 64,XY SRY negative chromosomal complement. <i>Animal Reproduction Science</i> , 2014, 151, 22-27.	1.5	15

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55	Mitochondrial D-loop mutations can be detected in sporadic malignant tumours in dogs. Bulletin of the Veterinary Institute in Pulawy = Biuletyn Instytutu Weterynarii W Pulawach, 2014, 58, 631-637.	0.4	10
56	Gene Mapping as a Method for Verifying Sequence Localization Based on Interspecific Chromosome Painting (ZOO-FISH). Folia Biologica, 2014, 62, 17-21.	0.5	0
57	Effect of <i>melanocortin 1 receptor</i> (<i>MC1R</i>) polymorphism on coat colour variation in nutrias (<i>Myocastor coypus</i> Mol.). Animal Genetics, 2014, 45, 909-911.	1.7	0
58	The Effect of Using DNA Obtained from Blood of Cattle with Genetic Chimerism on Illumina™s Beadchip Assay Performance. Annals of Animal Science, 2014, 14, 279-286.	1.6	5
59	Genetic Variation of Two Horse Breeds in CpG Islands of Oas1 Locus. Annals of Animal Science, 2014, 14, 841-850.	1.6	0
60	The evaluation of the usefulness of pedigree verification-dedicated SNPs for breed assignment in three polish cattle populations. Molecular Biology Reports, 2013, 40, 6803-6809.	2.3	3
61	The Polymorphism of Cytogenetic Markers in the Farm and Wild-Living Raccoon Dog (<i>Nyctereutes</i>) Tj ETQq1 1 0.784314 rgBT /Overlock Populacjach Hodowlanych I Dziko Å»yjÄ...cych. Annals of Animal Science, 2013, 13, 701-713.	1.6	5
62	The Evaluation of Bovine SNP50 BeadChip Assay Performance in Polish Red Cattle Breed. Folia Biologica, 2013, 61, 173-176.	0.5	1
63	Polymorphism of Cytogenetic Markers in Wild and Farm Red Fox (<i>Vulpes vulpes</i>) Populations. Folia Biologica, 2013, 61, 155-163.	0.5	3
64	The Use of Primed <i>in situ</i> Synthesis (PRINS) to Analyze Nucleolar Organizer Regions (NORs) and Telomeric DNA Sequences in the Domestic Chicken Genome. Folia Biologica, 2013, 61, 149-153.	0.5	0
65	The Application of Zoo-Fish Technique for Analysis of Chromosomal Rearrangements in the Equidae Family. Annals of Animal Science, 2012, 12, 5-13.	1.6	2
66	Genetic variability of farmed and free-living populations of red foxes (<i>Vulpes vulpes</i>). Annals of Animal Science, 2012, 12, 501-512.	1.6	9
67	Aging Process in Chromatin of Animals. Annals of Animal Science, 2012, 12, 301-309.	1.6	0
68	Cadmium-induced changes in genomic DNA-methylation status increase aneuploidy events in a pig Robertsonian translocation model. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2012, 747, 182-189.	1.7	42
69	DNA hypomethylation and oxidative stress-mediated increase in genomic instability in equine sarcoid-derived fibroblasts. Biochimie, 2012, 94, 2013-2024.	2.6	21
70	Comparative Cytogenetic Analysis of Sex Chromosomes in Several <i>Canidae</i> Species Using Zoo-FISH. Folia Biologica, 2012, 60, 11-16.	0.5	8
71	Age-related changes in genomic stability of horses. Mechanisms of Ageing and Development, 2011, 132, 257-268.	4.6	15
72	Application of IGF2 " Specific Identifier Probe for Cytogenetic Study of Somatic and Sperm Cells in Horses. Folia Biologica, 2011, 59, 147-149.	0.5	1

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73	FISH mapping of six genes responsible for development of the nervous and skeletal systems on donkey (<i>Equus asinus</i>) chromosomes. <i>Hereditas</i> , 2010, 147, 132-135.	1.4	3
74	PRINS detection of 18S rDNA in pig, red fox and Chinese raccoon dog, and centromere DNA in horse. <i>Hereditas</i> , 2010, 147, 320-324.	1.4	6
75	Cytogenetic Analysis of Meiotic Cells Obtained from Stallion Testes. <i>Folia Biologica</i> , 2010, 58, 237-243.	0.5	1
76	Modification of equine sperm chromatin decondensation method to use fluorescence in situ hybridization (FISH).. <i>Folia Histochemica Et Cytobiologica</i> , 2010, 47, 663-6.	1.5	10
77	Redox status of equine seminal plasma reflects the pattern and magnitude of DNA damage in sperm cells. <i>Theriogenology</i> , 2010, 74, 1677-1684.	2.1	23