

# Ewelina Semik-Gurgul

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

436  
citations

840728

11  
h-index

752679

20  
g-index

37  
all docs

37  
docs citations

37  
times ranked

657  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduced levels of methyltransferase DNMT2 sensitize human fibroblasts to oxidative stress and DNA damage that is accompanied by changes in proliferation-related miRNA expression. <i>Redox Biology</i> , 2018, 14, 20-34.	9.0	63
2	A genome-wide scan for diversifying selection signatures in selected horse breeds. <i>PLoS ONE</i> , 2019, 14, e0210751.	2.5	52
3	Genotyping-by-sequencing performance in selected livestock species. <i>Genomics</i> , 2019, 111, 186-195.	2.9	50
4	Curcumin induces oxidation-dependent cell cycle arrest mediated by SIRT7 inhibition of rDNA transcription in human aortic smooth muscle cells. <i>Toxicology Letters</i> , 2015, 233, 227-238.	0.8	41
5	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
6	Identification of genome-wide selection signatures in the Limousin beef cattle breed. <i>Journal of Animal Breeding and Genetics</i> , 2016, 133, 264-276.	2.0	27
7	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
8	Detection of runs of homozygosity in conserved and commercial pig breeds in Poland. <i>Journal of Animal Breeding and Genetics</i> , 2020, 137, 571-580.	2.0	19
9	Diversifying selection signatures among divergently selected subpopulations of Polish Red cattle. <i>Journal of Applied Genetics</i> , 2019, 60, 87-95.	1.9	12
10	Transcriptome analysis of equine sarcoids. <i>Veterinary and Comparative Oncology</i> , 2017, 15, 1370-1381.	1.8	11
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	Linkage disequilibrium and haplotype block structure in Limousin, Simmental and native Polish Red cattle. <i>Livestock Science</i> , 2016, 191, 57-63.	1.6	10
13	Comparative analysis of DNA methylation patterns of equine sarcoid and healthy skin samples. <i>Veterinary and Comparative Oncology</i> , 2018, 16, 37-46.	1.8	9
14	General assessment of copy number variation in normal and tumor tissues of the domestic dog ( <i>Canis</i> )	1.9	7
15	Short communication: Locus-specific interrelations between gene expression and DNA methylation patterns in bovine mammary gland infected by coagulase-positive and coagulase-negative staphylococci. <i>Journal of Dairy Science</i> , 2020, 103, 10689-10695.	3.4	7
16	The Induced Expression of BPV E4 Gene in Equine Adult Dermal Fibroblast Cells as a Potential Model of Skin Sarcoid-like Neoplasia. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1970.	4.1	7
17	Molecular approaches to equine sarcoids. <i>Equine Veterinary Journal</i> , 2021, 53, 221-230.	1.7	6
18	<i>IHH</i> gene polymorphism among three horse breeds and its application for association test in horses with osteochondrosis. <i>Hereditas</i> , 2013, 150, 38-43.	1.4	5

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19	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
20	DNA methylation patterns of the S100A14, POU2F3 and SFN genes in equine sarcoid tissues. <i>Research in Veterinary Science</i> , 2018, 119, 302-307.	1.9	5
21	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
22	Assessment of BPV-1 Mediated Matrix Metalloproteinase Genes Deregulation in the In Vivo and In Vitro Models Designed to Explore Molecular Nature of Equine Sarcoids. <i>Cells</i> , 2022, 11, 1268.	4.1	5
23	Epigenetic structure and the role of polymorphism in the shaping of DNA methylation patterns of equine OAS1 locus. <i>Journal of Applied Genetics</i> , 2015, 56, 231-238.	1.9	4
24	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
25	The evaluation of the usefulness of pedigree verification-dedicated SNPs for breed assignment in three polish cattle populations. <i>Molecular Biology Reports</i> , 2013, 40, 6803-6809.	2.3	3
26	Chondrogenic expression and DNA methylation patterns in prolonged passages of chondrocyte cell lines of the horse. <i>Gene</i> , 2019, 707, 58-64.	2.2	3
27	Methylation Marks of Blood Leukocytes of Native Hucul Mares Differentiated in Age. <i>International Journal of Genomics</i> , 2019, 2019, 1-9.	1.6	2
28	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
29	Tracking the Molecular Scenarios for Tumorigenic Remodeling of Extracellular Matrix Based on Gene Expression Profiling in Equine Skin Neoplasia Models. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6506.	4.1	2
30	Methylation Status of Gene Bodies of Selected microRNA Genes Associated with Neoplastic Transformation in Equine Sarcoids. <i>Cells</i> , 2022, 11, 1917.	4.1	2
31	Application of 7 STR markers for parentage testing and genetic distance study of Equidae / Zastosowanie siedmiu markerów STR do weryfikacji pochodzenia i badania dystansu genetycznego u koniowatych. <i>Annals of Animal Science</i> , 2013, 13, 229-239.	1.6	1
32	The Evaluation of Bovine SNP50 BeadChip Assay Performance in Polish Red Cattle Breed. <i>Folia Biologica</i> , 2013, 61, 173-176.	0.5	1
33	Age-related methylation profiles of equine blood leukocytes in the RNASEL locus. <i>Journal of Applied Genetics</i> , 2016, 57, 383-388.	1.9	0
34	Genetic Variation of Two Horse Breeds in CpG Islands of Oas1 Locus. <i>Annals of Animal Science</i> , 2014, 14, 841-850.	1.6	0
35	The Relevance of Methylation Profiles of Equine <i>ITGAL</i> Gene. <i>Annals of Animal Science</i> , 2016, 16, 711-720.	1.6	0
36	DNA methylation in the cancerogenesis process and methods of its detection. <i>Medycyna Weterynaryjna</i> , 2018, 74, 5982-2018.	0.1	0