

Stefano Capomaccio

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

1,674
citations

361413

20
h-index

315739

38
g-index

67
all docs

67
docs citations

67
times ranked

2298
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-Wide Analysis Reveals Selection for Important Traits in Domestic Horse Breeds. <i>PLoS Genetics</i> , 2013, 9, e1003211.	3.5	240
2	Mitochondrial genomes from modern horses reveal the major haplogroups that underwent domestication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2449-2454.	7.1	198
3	Exercise induced stress in horses: Selection of the most stable reference genes for quantitative RT-PCR normalization. <i>BMC Molecular Biology</i> , 2008, 9, 49.	3.0	111
4	RNA Sequencing of the Exercise Transcriptome in Equine Athletes. <i>PLoS ONE</i> , 2013, 8, e83504.	2.5	55
5	Genome assembly and transcriptome resource for river buffalo, <i>Bubalus bubalis</i> (2n = 50). <i>GigaScience</i> , 2017, 6, 1-6.	6.4	55
6	Genome-wide association study of milk fatty acid composition in Italian Simmental and Italian Holstein cows using single nucleotide polymorphism arrays. <i>Journal of Dairy Science</i> , 2018, 101, 11004-11019.	3.4	54
7	Non-antibiotic, efficient selection for alfalfa genetic engineering. <i>Plant Cell Reports</i> , 2007, 26, 1035-1044.	5.6	46
8	Molecular Detection, Epidemiology, and Genetic Characterization of Novel European Field Isolates of Equine Infectious Anemia Virus. <i>Journal of Clinical Microbiology</i> , 2011, 49, 27-33.	3.9	43
9	<i>Anaplasma phagocytophilum</i> in horses and ticks: A preliminary survey of Central Italy. <i>Comparative Immunology, Microbiology and Infectious Diseases</i> , 2010, 33, 73-83.	1.6	42
10	Age-dependent prevalence of equid herpesvirus 5 infection. <i>Veterinary Research Communications</i> , 2010, 34, 703-708.	1.6	40
11	Athletic humans and horses: Comparative analysis of interleukin-6 (IL-6) and IL-6 receptor (IL-6R) expression in peripheral blood mononuclear cells in trained and untrained subjects at rest. <i>BMC Physiology</i> , 2011, 11, 3.	3.6	40
12	Effect of training status on immune defence related gene expression in Thoroughbred: Are genes ready for the sprint?. <i>Veterinary Journal</i> , 2013, 195, 373-376.	1.7	36
13	Microarray analysis after strenuous exercise in peripheral blood mononuclear cells of endurance horses. <i>Animal Genetics</i> , 2010, 41, 166-175.	1.7	32
14	Quantification of Equid herpesvirus 5 DNA in clinical and necropsy specimens collected from a horse with equine multinodular pulmonary fibrosis. <i>Journal of Veterinary Diagnostic Investigation</i> , 2011, 23, 802-806.	1.1	32
15	An Overview of Ten Italian Horse Breeds through Mitochondrial DNA. <i>PLoS ONE</i> , 2016, 11, e0153004.	2.5	30
16	Transcriptome Analysis of Canine Cutaneous Melanoma and Melanocytoma Reveals a Modulation of Genes Regulating Extracellular Matrix Metabolism and Cell Cycle. <i>Scientific Reports</i> , 2017, 7, 6386.	3.3	28
17	Detection, molecular characterization and phylogenetic analysis of full-length equine infectious anemia (EIAV) gag genes isolated from Shackleford Banks wild horses. <i>Veterinary Microbiology</i> , 2012, 157, 320-332.	1.9	27
18	Transcriptomic Characterization of Cow, Donkey and Goat Milk Extracellular Vesicles Reveals Their Anti-Inflammatory and Immunomodulatory Potential. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12759.	4.1	27

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19	Transcription of LINE-derived sequences in exercise-induced stress in horses. <i>Animal Genetics</i> , 2010, 41, 23-27.	1.7	22
20	Phenotypic and genotypic characterization of canine pyoderma isolates of <i>Staphylococcus pseudintermedius</i> for biofilm formation. <i>Journal of Veterinary Medical Science</i> , 2015, 77, 945-951.	0.9	22
21	Dietary supplementation with olive mill wastewaters induces modifications on chicken jejunum epithelial cell transcriptome and modulates jejunum morphology. <i>BMC Genomics</i> , 2018, 19, 576.	2.8	22
22	Equine Adipose-Derived Mesenchymal Stromal Cells Release Extracellular Vesicles Enclosing Different Subsets of Small RNAs. <i>Stem Cells International</i> , 2019, 2019, 1-12.	2.5	21
23	Analysis of peripheral blood mononuclear cells gene expression in endurance horses by cDNA-AFLP technique. <i>Research in Veterinary Science</i> , 2007, 82, 335-343.	1.9	20
24	Molecular analysis of genetic diversity, population structure and inbreeding level of the Italian Lipizzan horse. <i>Livestock Science</i> , 2013, 151, 124-133.	1.6	20
25	Searching new signals for production traits through gene-based association analysis in three Italian cattle breeds. <i>Animal Genetics</i> , 2015, 46, 361-370.	1.7	20
26	Evaluation of circulating leukocyte transcriptome and its relationship with immune function and blood markers in dairy cows during the transition period. <i>Functional and Integrative Genomics</i> , 2020, 20, 293-305.	3.5	20
27	A point mutation in the <i>Medicago sativa</i> GSA gene provides a novel, efficient, selectable marker for plant genetic engineering. <i>Journal of Biotechnology</i> , 2011, 156, 147-152.	3.8	19
28	Geographic structuring of global EIAV isolates: A single origin for New World strains?. <i>Virus Research</i> , 2012, 163, 656-659.	2.2	19
29	Gene co-expression networks in liver and muscle transcriptome reveal sex-specific gene expression in lambs fed with a mix of essential oils. <i>BMC Genomics</i> , 2018, 19, 236.	2.8	19
30	Oregano dietary supplementation modifies the liver transcriptome profile in broilers: RNASeq analysis. <i>Research in Veterinary Science</i> , 2018, 117, 85-91.	1.9	19
31	Stored Canine Whole Blood Units: What is the Real Risk of Bacterial Contamination?. <i>Journal of Veterinary Internal Medicine</i> , 2016, 30, 1830-1837.	1.6	17
32	Polysynovitis in a horse due to <i>Borrelia burgdorferi</i> sensu lato infection " Case study. <i>Annals of Agricultural and Environmental Medicine</i> , 2015, 22, 247-250.	1.0	17
33	Detection of bacterial contamination and DNA quantification in stored blood units in 2 veterinary hospital blood banks. <i>Veterinary Clinical Pathology</i> , 2016, 45, 406-410.	0.7	16
34	Metabolic and Biomolecular Changes Induced by Incremental Long-Term Training in Young Thoroughbred Racehorses during First Workout Season. <i>Animals</i> , 2020, 10, 317.	2.3	16
35	Assessment of simple marker-free genetic transformation techniques in alfalfa. <i>Plant Cell Reports</i> , 2011, 30, 1991-2000.	5.6	15
36	PANEV: an R package for a pathway-based network visualization. <i>BMC Bioinformatics</i> , 2020, 21, 46.	2.6	15

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37	Exercise-induced up-regulation of MMP-1 and IL-8 genes in endurance horses. <i>BMC Physiology</i> , 2009, 9, 12.	3.6	14
38	Methylation content sensitive enzyme ddRAD (MCSeEd): a reference-free, whole genome profiling system to address cytosine/adenine methylation changes. <i>Scientific Reports</i> , 2019, 9, 14864.	3.3	14
39	Assessment of Heat Shock Protein 70 Induction by Heat in Alfalfa Varieties and Constitutive Overexpression in Transgenic Plants. <i>PLoS ONE</i> , 2015, 10, e0126051.	2.5	12
40	High Expression of Endogenous Retroviral Envelope Gene in the Equine Fetal Part of the Placenta. <i>PLoS ONE</i> , 2016, 11, e0155603.	2.5	12
41	Deep sequencing and variant analysis of an Italian pathogenic field strain of equine infectious anaemia virus. <i>Transboundary and Emerging Diseases</i> , 2017, 64, 2104-2112.	3.0	12
42	Splicing site disruption in the <i>KIT</i> gene as strong candidate for white dominant phenotype in an Italian Trotter. <i>Animal Genetics</i> , 2017, 48, 727-728.	1.7	12
43	Clinical, serological and molecular investigations of <i>ehv-1</i> and <i>ehv-4</i> in 15 unweaned thoroughbred foals. <i>Veterinary Record</i> , 2008, 162, 337-341.	0.3	10
44	Circulating miRNAs as Putative Biomarkers of Exercise Adaptation in Endurance Horses. <i>Frontiers in Physiology</i> , 2018, 9, 429.	2.8	10
45	cDNA AFLP-based techniques for studying transcript profiles in horses. <i>Research in Veterinary Science</i> , 2005, 79, 105-112.	1.9	9
46	PDGFA in Cashmere Goat: A Motivation for the Hair Follicle Stem Cells to Activate. <i>Animals</i> , 2019, 9, 38.	2.3	9
47	First report of junctional epidermolysis bullosa (JEB) in the Italian draft horse. <i>BMC Veterinary Research</i> , 2015, 11, 55.	1.9	8
48	Shedding light on cashmere goat hair follicle biology: from morphology analyses to transcriptomic landscape. <i>BMC Genomics</i> , 2020, 21, 458.	2.8	8
49	Differential Effects of Dietary Oregano Essential Oil on the Inflammation Related Gene Expression in Peripheral Blood Mononuclear Cells From Outdoor and Indoor Reared Pigs. <i>Frontiers in Veterinary Science</i> , 2021, 8, 602811.	2.2	8
50	Different expression of Defensin-B gene in the endometrium of mares of different age during the breeding season. <i>BMC Veterinary Research</i> , 2019, 15, 465.	1.9	7
51	Gallop Racing Shifts Mature mRNA towards Introns: Does Exercise-Induced Stress Enhance Genome Plasticity?. <i>Genes</i> , 2020, 11, 410.	2.4	7
52	Isolation of genes from female sterile flowers in <i>Medicago sativa</i> . <i>Sexual Plant Reproduction</i> , 2009, 22, 97-107.	2.2	6
53	MUGBAS: a species free gene-based programme suite for post-GWAS analysis. <i>Bioinformatics</i> , 2015, 31, 2380-2381.	4.1	6
54	Sexual Polyploidization in <i>Medicago sativa</i> L.: Impact on the Phenotype, Gene Transcription, and Genome Methylation. <i>G3: Genes, Genomes, Genetics</i> , 2016, 6, 925-938.	1.8	6

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55	Circulating Transcriptional Profile Modulation in Response to Metabolic Unbalance Due to Long-Term Exercise in Equine Athletes: A Pilot Study. <i>Genes</i> , 2021, 12, 1965.	2.4	5
56	MCSed (Methylation Context Sensitive Enzyme ddRAD): A New Method to Analyze DNA Methylation. <i>Methods in Molecular Biology</i> , 2020, 2093, 47-64.	0.9	4
57	Variation of DNA methylation and phenotypic traits following unilateral sexual polyploidization in <i>Medicago</i> . <i>Euphytica</i> , 2012, 186, 731-739.	1.2	3
58	Genetic Regulation of Biomarkers as Stress Proxies in Dairy Cows. <i>Genes</i> , 2021, 12, 534.	2.4	3
59	mcr-1-Mediated Colistin Resistance and Genomic Characterization of Antimicrobial Resistance in ESBL-Producing <i>Salmonella Infantis</i> Strains from a Broiler Meat Production Chain in Italy. <i>Antibiotics</i> , 2022, 11, 728.	3.7	3
60	Polyploidization and Gene Expression in <i>Medicago sativa</i> . , 2010, , 397-401.		2
61	Genetic and phenotypic characterization of the Maremmano horse stud in Castelporziano. <i>Rendiconti Lincei</i> , 2015, 26, 545-552.	2.2	2
62	Guanylin, Uroguanylin and Guanylate Cyclase-C Are Expressed in the Gastrointestinal Tract of Horses. <i>Frontiers in Physiology</i> , 2019, 10, 1237.	2.8	2
63	Selective symmetrical necrotizing encephalopathy secondary to primary mitochondrial disorder in a cat. <i>Journal of Veterinary Internal Medicine</i> , 2021, 35, 2401-2408.	1.6	1
64	Differential Expression Pattern of Retroviral Envelope Gene in the Equine Placenta. <i>Frontiers in Veterinary Science</i> , 2021, 8, 693416.	2.2	0