

Jalil Mehrzad

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,885
citations

331259

21
h-index

264894

42
g-index

55
all docs

55
docs citations

55
times ranked

1793
citing authors

#	ARTICLE	IF	CITATIONS
1	Severity of E. coli mastitis is mainly determined by cow factors. <i>Veterinary Research</i> , 2003, 34, 521-564.	1.1	498
2	Defense of the bovine mammary gland by polymorphonuclear neutrophil leukocytes. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2002, 7, 109-121.	1.0	226
3	Blood and Milk Neutrophil Chemiluminescence and Viability in Primiparous and Pluriparous Dairy Cows During Late Pregnancy, Around Parturition and Early Lactation. <i>Journal of Dairy Science</i> , 2002, 85, 3268-3276.	1.4	104
4	Recent progress in biomedical applications of RGD-based ligand: From precise cancer theranostics to biomaterial engineering: A systematic review. <i>Journal of Biomedical Materials Research - Part A</i> , 2020, 108, 839-850.	2.1	99
5	Respiratory burst activity of blood and milk neutrophils in dairy cows during different stages of lactation. <i>Journal of Dairy Research</i> , 2001, 68, 399-415.	0.7	92
6	Cumulus contributions during bovine fertilization in vitro. <i>Theriogenology</i> , 2003, 60, 135-149.	0.9	86
7	Local and systemic effects of endotoxin mastitis on the chemiluminescence of milk and blood neutrophils in dairy cows. <i>Veterinary Research</i> , 2001, 32, 131-144.	1.1	50
8	Aflatoxin B1 interferes with the antigen-presenting capacity of porcine dendritic cells. <i>Toxicology in Vitro</i> , 2014, 28, 531-537.	1.1	47
9	Environmentally relevant level of aflatoxin B 1 elicits toxic pro-inflammatory response in murine CNS-derived cells. <i>Toxicology Letters</i> , 2017, 279, 96-106.	0.4	47
10	Environmentally Relevant Level of Aflatoxin B ₁ Dysregulates Human Dendritic Cells Through Signaling on Key Toll-Like Receptors. <i>International Journal of Toxicology</i> , 2014, 33, 175-186.	0.6	46
11	Cytochrome P450 isoforms are differently up-regulated in aflatoxin B ₁ -exposed human lymphocytes and monocytes. <i>Immunopharmacology and Immunotoxicology</i> , 2014, 36, 1-10.	1.1	46
12	High milk neutrophil chemiluminescence limits the severity of bovine coliform mastitis. <i>Veterinary Research</i> , 2005, 36, 101-116.	1.1	44
13	Immunomodulatory effects of mesenchymal stem cells on leukocytes with emphasis on neutrophils. <i>Immunobiology</i> , 2018, 223, 786-791.	0.8	35
14	Human Microglial Cells Undergo Proapoptotic Induction and Inflammatory Activation upon in vitro Exposure to a Naturally Occurring Level of Aflatoxin B ₁ . <i>NeuroImmunoModulation</i> , 2018, 25, 176-183.	0.9	31
15	T lymphocyte proliferative capacity and CD4 ⁺ /CD8 ⁺ ratio in primiparous and pluriparous lactating cows. <i>Journal of Dairy Research</i> , 2008, 75, 457-465.	0.7	30
16	Biologically relevant doses of mixed aflatoxins B and G up-regulate MyD88, TLR2, TLR4 and CD14 transcripts in human PBMCs. <i>Immunopharmacology and Immunotoxicology</i> , 2013, 35, 528-532.	1.1	30
17	High soil and groundwater arsenic levels induce high body arsenic loads, health risk and potential anemia for inhabitants of northeastern Iran. <i>Environmental Geochemistry and Health</i> , 2016, 38, 469-482.	1.8	28
18	A comparative study of bovine blood and milk neutrophil functions with luminol-dependent chemiluminescence. <i>Luminescence</i> , 2001, 16, 343-356.	1.5	27

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19	Seroepidemiology of Q fever in one-humped camel population in northeast Iran. <i>Tropical Animal Health and Production</i> , 2015, 47, 1293-1298.	0.5	27
20	GST-M1 is transcribed moreso than AKR7A2 in AFB ₁ -exposed human monocytes and lymphocytes. <i>Journal of Immunotoxicology</i> , 2015, 12, 194-198.	0.9	25
21	Comparison of L-selectin and Mac-1 expression on blood and milk neutrophils during experimental <i>Escherichia coli</i> -induced mastitis in cows. <i>American Journal of Veterinary Research</i> , 2004, 65, 1164-1171.	0.3	24
22	Immunobiologically relevant level of aflatoxin B1 alters transcription of key functional immune genes, phagocytosis and survival of human dendritic cells. <i>Immunology Letters</i> , 2018, 197, 44-52.	1.1	24
23	Effect of milk sampling techniques on milk composition, bacterial contamination, viability and functions of resident cells in milk. <i>Veterinary Research</i> , 2001, 32, 565-579.	1.1	21
24	Naturally Occurring Level of Aflatoxin B ₁ Injures Human, Canine and Bovine Leukocytes Through ATP Depletion and Caspase Activation. <i>International Journal of Toxicology</i> , 2020, 39, 30-38.	0.6	17
25	Neuroimmune disruptions from naturally occurring levels of mycotoxins. <i>Environmental Science and Pollution Research</i> , 2021, 28, 32156-32176.	2.7	17
26	Aflatoxins of type B and G affect porcine dendritic cell maturation <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2015, 12, 174-180.	0.9	16
27	Variation in Blood and Colorectal Epithelia's Key Trace Elements Along with Expression of Mismatch Repair Proteins from Localized and Metastatic Colorectal Cancer Patients. <i>Biological Trace Element Research</i> , 2020, 194, 66-75.	1.9	15
28	Quenching effect of deferoxamine on free radical-mediated photon production in luminol and ortho-phenanthroline-dependent chemiluminescence. <i>Chinese Chemical Letters</i> , 2014, 25, 630-634.	4.8	12
29	Inorganic arsenic can be potent granulotoxin in mammalian neutrophils <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2016, 13, 686-693.	0.9	12
30	Naturally occurring level of mixed aflatoxins B and G stimulate toll-like receptor-4 in bovine mononuclear cells. <i>Veterinary Quarterly</i> , 2013, 33, 186-190.	3.0	11
31	Indirect Chemiluminescence-based Determination of Catecholamines in Pharmaceutical Formulations by Furandicarboxylate Derivative as a Novel Blue Fluorescer in Peroxyoxalate-H ₂ O ₂ System. <i>Analytical Sciences</i> , 2013, 29, 815-821.	0.8	9
32	Effects of arsenic on porcine dendritic cells <i>in vitro</i> . <i>Journal of Immunotoxicology</i> , 2017, 14, 1-8.	0.9	9
33	Superparamagnetic Iron Oxide Nanoparticles Induce Apoptosis in HT-29 Cells by Stimulating Oxidative Stress and Damaging DNA. <i>Biological Trace Element Research</i> , 2023, 201, 1163-1173.	1.9	9
34	Data on environmentally relevant level of aflatoxin B1-induced human dendritic cells' functional alteration. <i>Data in Brief</i> , 2018, 18, 1576-1580.	0.5	8
35	Apoptosis Induced by <i>Ziziphora tenuior</i> Essential Oil in Human Colorectal Cancer Cells. <i>BioMed Research International</i> , 2021, 2021, 1-9.	0.9	8
36	Bovine blood neutrophil acyloxyacyl hydrolase (AOAH) activity during endotoxin and coliform mastitis. <i>Veterinary Research</i> , 2007, 38, 655-668.	1.1	7

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37	Stressed (acute) mice display neuroimmunodysregulation and defective innate immune response against coliform infection. <i>International Immunopharmacology</i> , 2015, 28, 168-174.	1.7	6
38	Seasonally Feed-Related Aflatoxins B ₁ and M ₁ Spread in Semiarid Industrial Dairy Herd and Its Deteriorating Impacts on Food and Immunity. <i>Journal of Food Quality</i> , 2017, 2017, 1-7.	1.4	6
39	Metabolic Disruption by Naturally Occurring Mycotoxins in Circulation: A Focus on Vascular and Bone Homeostasis Dysfunction. <i>Frontiers in Nutrition</i> , 0, 9, .	1.6	6
40	Photoimmunological properties of borage in bovine neutrophil in vitro model. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2015, 151, 270-275.	1.7	5
41	An ultrastructural investigation of the blood neutrophils in camel (<i>Camelus dromedarius</i>). <i>Comparative Clinical Pathology</i> , 2014, 23, 885-892.	0.3	4
42	The immunomodulatory effect of minocycline on gene expression of inflammation related cytokines in lipopolysaccharide-treated human peripheral blood mononuclear cells. <i>Animal Biotechnology</i> , 2023, 34, 2159-2165.	0.7	4
43	Pathogenic <i>Salmonella</i> weakens avian enriched blood monocytes through ATP depletion, apoptosis induction and phagocytosis inefficiency. <i>Veterinary Microbiology</i> , 2020, 240, 108505.	0.8	3
44	Colostrum fails to prevent bovine/camelid neonatal neutrophil damage from AFB ₁ . <i>Journal of Immunotoxicology</i> , 2020, 17, 43-50.	0.9	3
45	The effect of equine bone marrow-derived mesenchymal stem cells on the expression of apoptotic genes in neutrophils. <i>Veterinary Medicine and Science</i> , 2021, 7, 626-633.	0.6	3
46	Molecular Aspects of Neutrophils as Pivotal Circulating Cellular Innate Immune Systems to Protect Mammary Gland from Pathogens. , 0, , .		2
47	The Effect of <i>Thymus vulgaris</i> on Hepatic Enzymes Activity and Apoptosis-Related Gene Expression in Streptozotocin-Induced Diabetic Rats. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-11.	0.5	2
48	Environmentally occurring aflatoxins B ₁ and M ₁ notifyably harms pancreatic islets. <i>Toxin Reviews</i> , 2023, 42, 51-60.	1.5	2
49	Environmentally relevant level of aflatoxin B1 and the role of (non)oxidative immuno-/neurodysregulation and toxicity. , 2021, , 165-179.		1
50	Profiles and potential health risks of heavy metals in polluted soils in NE-Iran. <i>Toxin Reviews</i> , 2022, 41, 523-535.	1.5	0
51	Seroepidemiological feature of in sheep and goat population located in northeastern Iran. <i>Veterinary Research Forum</i> , 2020, 11, 423-426.	0.3	0