

Arild Espenes

List of Publications by Year in descending order

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42
papers

887
citations

394421

19
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477307

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43
all docs

43
docs citations

43
times ranked

1089
citing authors

#	ARTICLE	IF	CITATIONS
1	Disease-associated PrP in the enteric nervous system of scrapie-affected Suffolk sheep. <i>Journal of General Virology</i> , 2003, 84, 1327-1338.	2.9	63
2	Study of possible combined toxic effects of azaspiracid-1 and okadaic acid in mice via the oral route. <i>Toxicon</i> , 2012, 60, 895-906.	1.6	63
3	Goats naturally devoid of PrPC are resistant to scrapie. <i>Veterinary Research</i> , 2020, 51, 1.	3.0	50
4	Apoptotic events induced by yessotoxin in myoblast cell lines from rat and mouse. <i>Toxicology in Vitro</i> , 2006, 20, 1077-1087.	2.4	43
5	Induction of apoptosis by YTX in myoblast cell lines via mitochondrial signalling transduction pathway. <i>Toxicology in Vitro</i> , 2006, 20, 1419-1426.	2.4	43
6	Stress Resilience of Spermatozoa and Blood Mononuclear Cells without Prion Protein. <i>Frontiers in Molecular Biosciences</i> , 2018, 5, 1.	3.5	42
7	Involvement of gut-associated lymphoid tissue of ruminants in the spread of transmissible spongiform encephalopathies. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 885-899.	13.7	41
8	Paraptosis-like cell death induced by yessotoxin. <i>Toxicology in Vitro</i> , 2011, 25, 1764-1770.	2.4	38
9	The PrP-like protein Doppel gene in sheep and cattle: cDNA sequence and expression. <i>Mammalian Genome</i> , 2001, 12, 376-379.	2.2	37
10	The Cellular Prion Protein: A Player in Immunological Quiescence. <i>Frontiers in Immunology</i> , 2015, 6, 450.	4.8	37
11	Yessotoxin as an apoptotic inducer. <i>Toxicon</i> , 2011, 57, 947-958.	1.6	36
12	Cleavage of tensin during cytoskeleton disruption in YTX-induced apoptosis. <i>Toxicology in Vitro</i> , 2007, 21, 9-15.	2.4	32
13	Sub-lethal dosing of azaspiracid-1 in female NMRI mice. <i>Toxicon</i> , 2010, 56, 1419-1425.	1.6	31
14	Dynamic expression of the prion-like protein Doppel in ovine testicular tissue. <i>Journal of Developmental and Physical Disabilities</i> , 2006, 29, 400-408.	3.6	27
15	Demyelinating polyneuropathy in goats lacking prion protein. <i>FASEB Journal</i> , 2020, 34, 2359-2375.	0.5	27
16	Combined oral toxicity of azaspiracid-1 and yessotoxin in female NMRI mice. <i>Toxicon</i> , 2011, 57, 909-917.	1.6	26
17	A Gly98Val Mutation in the N-Myc Downstream Regulated Gene 1 (NDRG1) in Alaskan Malamutes with Polyneuropathy. <i>PLoS ONE</i> , 2013, 8, e54547.	2.5	25
18	Activation of innate immune genes in caprine blood leukocytes after systemic endotoxin challenge. <i>BMC Veterinary Research</i> , 2016, 12, 241.	1.9	25

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19	Loss of prion protein induces a primed state of type I interferon-responsive genes. <i>PLoS ONE</i> , 2017, 12, e0179881.	2.5	22
20	The early intestinal immune response in experimental neonatal ovine cryptosporidiosis is characterized by an increased frequency of perforin expressing NCR1+ NK cells and by NCR1 ^{hi} CD8+ cell recruitment. <i>Veterinary Research</i> , 2015, 46, 28.	3.0	21
21	Rapid induction of experimental AA amyloidosis in mink by intravenous injection of amyloid enhancing factor. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2008, 15, 20-28.	3.0	20
22	Hematological shift in goat kids naturally devoid of prion protein. <i>Frontiers in Cell and Developmental Biology</i> , 2015, 3, 44.	3.7	19
23	Phenotypic characterisation of intestinal dendritic cells in sheep. <i>Developmental and Comparative Immunology</i> , 2008, 32, 837-849.	2.3	17
24	Yessotoxin triggers ribotoxic stress. <i>Toxicology in Vitro</i> , 2014, 28, 975-981.	2.4	13
25	cDNA representational difference analysis of ileal Peyer's patches in lambs after oral inoculation with scrapie. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 272-279.	2.1	11
26	Cytotoxic responses in BC3H1 myoblast cell lines exposed to 1-desulfoyessotoxin. <i>Toxicology in Vitro</i> , 2013, 27, 1962-1969.	2.4	11
27	Exosome-Producing Follicle Associated Epithelium Is Not Involved in Uptake of PrP ^{Sc} from the Gut of Sheep (<i>Ovis aries</i>): An Ultrastructural Study. <i>PLoS ONE</i> , 2011, 6, e22180.	2.5	8
28	Increased PrP mRNA expression in lymphoid follicles of the ileal Peyer's patch of sheep experimentally exposed to the scrapie agent. <i>Journal of General Virology</i> , 2007, 88, 2083-2090.	2.9	8
29	PrP Expression, PrP ^{Sc} Accumulation and Innervation of Splenic Compartments in Sheep Experimentally Infected with Scrapie. <i>PLoS ONE</i> , 2009, 4, e6885.	2.5	7
30	Goats without Prion Protein Display Enhanced Proinflammatory Pulmonary Signaling and Extracellular Matrix Remodeling upon Systemic Lipopolysaccharide Challenge. <i>Frontiers in Immunology</i> , 2017, 8, 1722.	4.8	7
31	Splenic ellipsoids: an early target for deposition of AA amyloid induced in mink. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2003, 10, 240-249.	3.0	6
32	Phenotypic characterization of cells participating in transport of prion protein aggregates across the intestinal mucosa of sheep. <i>Prion</i> , 2012, 6, 261-275.	1.8	5
33	Investigation of the structural and functional features of splenic ellipsoids in rainbow trout (<i>Oncorhynchus mykiss</i>) Tj ETQq1.1.0.784314.rgBT/Overlock 10.1186/1745-7675-6-10	2.9	5
34	Cloning and expression analysis of an ovine PAP-like protein cDNA, a gene differentially expressed in scrapie. <i>Gene</i> , 2006, 376, 116-122.	2.2	4
35	Lymphoid follicles of the ileal Peyer's patch of lambs express low levels of PrP, as demonstrated by quantitative real-time RT-PCR on microdissected tissue compartments, in situ hybridization and immunohistochemistry. <i>Journal of General Virology</i> , 2006, 87, 3463-3471.	2.9	4
36	Re-emergence of hereditary polyneuropathy in Scandinavian Malamute dogs – old enemy or new entity? A case series. <i>Acta Veterinaria Scandinavica</i> , 2017, 59, 26.	1.6	3

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37	Cell and context-dependent sorting of neuropathy-associated protein NDRG1 – insights from canine tissues and primary Schwann cell cultures. BMC Veterinary Research, 2019, 15, 121.	1.9	3
38	Impaired NDRG1 functions in Schwann cells cause demyelinating neuropathy in a dog model of Charcot-Marie-Tooth type 4D. Neuromuscular Disorders, 2021, 31, 56-68.	0.6	3
39	A 1 bp deletion in HACE1 causes ataxia in Norwegian elkhound, black. PLoS ONE, 2022, 17, e0261845.	2.5	2
40	Prion protein in myelin maintenance: what does the goat say?. Neural Regeneration Research, 2021, 16, 1216.	3.0	1
41	Tongue atrophy as a neurological finding in hereditary polyneuropathy in Alaskan malamutes. Journal of Veterinary Internal Medicine, 2022, , .	1.6	1
42	NCR1+ cells appear early in GALT development of the ovine foetus and acquire a c-kit+ phenotype towards the end of gestation. Veterinary Immunology and Immunopathology, 2016, 169, 79-84.	1.2	0