

PÃ©ter Engelmann

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

884
citations

471509

17
h-index

477307

29
g-index

42
all docs

42
docs citations

42
times ranked

1169
citing authors

#	ARTICLE	IF	CITATIONS
1	Earthworms and Humans in Vitro: Characterizing Evolutionarily Conserved Stress and Immune Responses to Silver Nanoparticles. <i>Environmental Science & Technology</i> , 2012, 46, 4166-4173.	10.0	96
2	Species Differences Take Shape at Nanoparticles: Protein Corona Made of the Native Repertoire Assists Cellular Interaction. <i>Environmental Science & Technology</i> , 2013, 47, 14367-14375.	10.0	75
3	Earthworm leukocyte populations specifically harbor lysosomal enzymes that may respond to bacterial challenge. <i>Cell and Tissue Research</i> , 2004, 316, 391-401.	2.9	53
4	Blurring Borders: Innate Immunity with Adaptive Features. <i>Clinical and Developmental Immunology</i> , 2007, 2007, 1-10.	3.3	47
5	Reduced CD4+ subset and Th1 bias of the human iNKT cells in Type 1 diabetes mellitus. <i>Journal of Leukocyte Biology</i> , 2007, 81, 654-662.	3.3	43
6	Reduced CD4+ T-cell-specific gene expression in human type 1 diabetes mellitus. <i>Journal of Autoimmunity</i> , 2007, 28, 177-187.	6.5	42
7	Earthworm leukocytes react with different mammalian antigen-specific monoclonal antibodies. <i>Zoology</i> , 2002, 105, 257-265.	1.2	37
8	Monoclonal antibodies identify four distinct annelid leukocyte markers. <i>Developmental and Comparative Immunology</i> , 2005, 29, 599-614.	2.3	37
9	Acute toxicity of selenate and selenite and their impacts on oxidative status, efflux pump activity, cellular and genetic parameters in earthworm <i>Eisenia andrei</i> . <i>Chemosphere</i> , 2018, 212, 307-318.	8.2	37
10	Anticipating innate immunity without a Toll. <i>Molecular Immunology</i> , 2005, 42, 931-942.	2.2	34
11	Earthworm leukocytes kill HeLa, HEp-2, PC-12 and PA317 cells in vitro. <i>Journal of Proteomics</i> , 2004, 61, 215-227.	2.4	31
12	Phenotypic and functional characterization of earthworm coelomocyte subsets: Linking light scatter-based cell typing and imaging of the sorted populations. <i>Developmental and Comparative Immunology</i> , 2016, 65, 41-52.	2.3	30
13	Nanosilver pathophysiology in earthworms: Transcriptional profiling of secretory proteins and the implication for the protein corona. <i>Nanotoxicology</i> , 2016, 10, 303-311.	3.0	26
14	Multiple divergent picobirnaviruses with functional prokaryotic Shine-Dalgarno ribosome binding sites present in cloacal sample of a diarrheic chicken. <i>Virology</i> , 2018, 525, 62-72.	2.4	26
15	Still waiting for the toll?. <i>Immunology Letters</i> , 2006, 104, 18-28.	2.5	24
16	Revising lysenin expression of earthworm coelomocytes. <i>Developmental and Comparative Immunology</i> , 2013, 39, 214-218.	2.3	24
17	Characterization of human invariant natural killer T cells expressing FoxP3. <i>International Immunology</i> , 2011, 23, 473-484.	4.0	19
18	Injury-Induced Innate Immune Response During Segment Regeneration of the Earthworm, <i>Eisenia andrei</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 2363.	4.1	19

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19	Calcium is required for coelomocyte activation in earthworms. <i>Molecular Immunology</i> , 2010, 47, 2047-2056.	2.2	18
20	Pituitary adenylate cyclase-activating polypeptide type 1 (PAC1) receptor is expressed during embryonic development of the earthworm. <i>Cell and Tissue Research</i> , 2010, 339, 649-653.	2.9	16
21	Protective effect of the poly(ADP-ribose) polymerase inhibitor PJ34 on mitochondrial depolarization-mediated cell death in hepatocellular carcinoma cells involves attenuation of c-Jun N-terminal kinase-2 and protein kinase B/Akt activation. <i>Molecular Cancer</i> , 2012, 11, 34.	19.2	16
22	Identification of novel lumbricin homologues in <i>Eisenia andrei</i> earthworms. <i>Developmental and Comparative Immunology</i> , 2019, 90, 41-46.	2.3	16
23	Cold-stress induced formation of calcium and phosphorous rich chloragocyte granules (chloragosomes) in the earthworm <i>Eisenia fetida</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2012, 163, 199-209.	1.8	15
24	Evidence for the presence of thyroid stimulating hormone, thyroglobulin and their receptors in <i>Eisenia fetida</i> : a multilevel hormonal interface between the nervous system and the peripheral tissues. <i>Cell and Tissue Research</i> , 2006, 324, 535-546.	2.9	13
25	Induction of apoptosis-like cell death by coelomocyte extracts from <i>Eisenia andrei</i> earthworms. <i>Molecular Immunology</i> , 2015, 67, 213-222.	2.2	12
26	Deficiency of innate-like T lymphocytes in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2017, 18, 197.	3.6	12
27	Earthworm Innate Immune System. <i>Soil Biology</i> , 2011, , 229-245.	0.8	11
28	Reduced non-switched memory B cell subsets cause imbalance in B cell repertoire in systemic sclerosis. <i>Clinical and Experimental Rheumatology</i> , 2016, 34 Suppl 100, 30-36.	0.8	11
29	Pituitary Adenylate Cyclase-activating Polypeptide-like Compounds Could Modulate the Activity of Coelomocytes in the Earthworm. <i>Annals of the New York Academy of Sciences</i> , 2009, 1163, 521-523.	3.8	10
30	Nanomaterials and Annelid Immunity: A Comparative Survey to Reveal the Common Stress and Defense Responses of Two Sentinel Species to Nanomaterials in the Environment. <i>Biology</i> , 2020, 9, 307.	2.8	9
31	Bacterial Engulfment Mechanism Is Strongly Conserved in Evolution Between Earthworm and Human Immune Cells. <i>Frontiers in Immunology</i> , 2021, 12, 733541.	4.8	7
32	Species-specific sensitivity of <i>Eisenia</i> earthworms towards noble metal nanoparticles: a multiparametric <i>in vitro</i> study. <i>Environmental Science: Nano</i> , 2020, 7, 3509-3525.	4.3	6
33	New Aspects of Earthworm Innate Immunity. , 2016, , 53-66.		5
34	Annelida: Oligochaetes (Segmented Worms): Earthworm Immunity, Quo Vadis? Advances and New Paradigms in the Omics Era. , 2018, , 135-159.		3
35	Reduced CD4+ T Cell-specific Gene Expression in Human Type 1 Diabetes Mellitus. <i>Clinical Immunology</i> , 2007, 123, S26-S27.	3.2	1
36	Longitudinal <i>in vivo</i> MR imaging of live earthworms. <i>Journal of Experimental Zoology</i> , 2014, 321, 479-489.	1.2	1

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37	Genetically highly divergent RNA virus with astrovirus-like (5' end) and hepevirus-like (3' end) genome organization in carnivorous birds, European roller (<i>Coracias garrulus</i>). <i>Infection, Genetics and Evolution</i> , 2019, 71, 215-223.	2.3	1
38	PACAP-Like Compounds of Earthworms: Identification and Putative Functions from Embryonic Development to Brain Regeneration. <i>Current Topics in Neurotoxicity</i> , 2016, , 33-42.	0.4	1
39	Immune evolution and autoimmunity: Remarks on the review entitled "Evolution of immune systems from self/not self to danger to artificial immune systems (AIS)". <i>Physics of Life Reviews</i> , 2010, 7, 79-80.	2.8	0
40	Inzulin A-íncá elleni autoreaktív T-sejtek izolálhatóak újonnan diagnosztizált 1-es típusú cukorbetegék körében. <i>Diabetologia Hungarica</i> , 2021, 29, 99-103.	0.0	0