

Peter Kille

List of Publications by Year in descending order

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179
papers

7,294
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38742

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docs citations

191
times ranked

7515
citing authors

#	ARTICLE	IF	CITATIONS
1	The price of persistence: Assessing the drivers and health implications of metal levels in indicator carnivores inhabiting an agriculturally fragmented landscape. <i>Environmental Research</i> , 2022, 207, 112216.	7.5	3
2	Impacts of Life-Time Exposure of Arsenic, Cadmium and Fluoranthene on the Earthworms <i>L. rubellus</i> Global DNA Methylation as Detected by msAFLP. <i>Genes</i> , 2022, 13, 770.	2.4	3
3	Chemicals with increasingly complex modes of action result in greater variation in sensitivity between earthworm species. <i>Environmental Pollution</i> , 2021, 272, 115914.	7.5	12
4	Identifying conserved polychaete molecular markers of metal exposure: Comparative analyses using the <i>Alitta virens</i> (Annelida, Lophotrochozoa) transcriptome. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2021, 240, 108913.	2.6	3
5	Space-use patterns of Malay civets (<i>Viverra zibetha</i>) persisting within a landscape fragmented by oil palm plantations. <i>Landscape Ecology</i> , 2021, 36, 915-930.	4.2	4
6	Off-Target Stoichiometric Binding Identified from Toxicogenomics Explains Why Some Species Are More Sensitive than Others to a Widely Used Neonicotinoid. <i>Environmental Science & Technology</i> , 2021, 55, 3059-3069.	10.0	9
7	Pesticides in a case study on no-tillage farming systems and surrounding forest patches in Brazil. <i>Scientific Reports</i> , 2021, 11, 9839.	3.3	11
8	A "Dirty" Footprint: Macroinvertebrate diversity in Amazonian Anthropogenic Soils. <i>Global Change Biology</i> , 2021, 27, 4575-4591.	9.5	7
9	Micronutrient availability in amazonian dark earths and adjacent soils. <i>Geoderma</i> , 2021, 395, 115072.	5.1	2
10	Anthropogenic disturbance and environmental factors drive the diversity and distribution of earthworms in São Miguel Island (Azores, Portugal). <i>Applied Soil Ecology</i> , 2020, 145, 103301.	4.3	7
11	Probing the immune responses to nanoparticles across environmental species. A perspective of the EU Horizon 2020 project PANDORA. <i>Environmental Science: Nano</i> , 2020, 7, 3216-3232.	4.3	17
12	The Effects of In Vivo Exposure to Copper Oxide Nanoparticles on the Gut Microbiome, Host Immunity, and Susceptibility to a Bacterial Infection in Earthworms. <i>Nanomaterials</i> , 2020, 10, 1337.	4.1	24
13	Species Sensitivity to Toxic Substances: Evolution, Ecology and Applications. <i>Frontiers in Environmental Science</i> , 2020, 8, .	3.3	65
14	The earthworm microbiome is resilient to exposure to biocidal metal nanoparticles. <i>Environmental Pollution</i> , 2020, 267, 115633.	7.5	17
15	Addressing Nanomaterial Immunosafety by Evaluating Innate Immunity across Living Species. <i>Small</i> , 2020, 16, e2000598.	10.0	35
16	Toxicogenomics in a soil sentinel exposure to Zn nanoparticles and ions reveals the comparative role of toxicokinetic and toxicodynamic mechanisms. <i>Environmental Science: Nano</i> , 2020, 7, 1464-1480.	4.3	3
17	Physiological implications of life at the forest interface of oil palm agriculture: blood profiles of wild Malay civets (<i>Viverra zibetha</i>). , 2020, 8, coaa127.		3
18	Toxicogenomic responses of <i>Caenorhabditis elegans</i> to pristine and transformed zinc oxide nanoparticles. <i>Environmental Pollution</i> , 2019, 247, 917-926.	7.5	34

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19	Unravelling the molecular mechanisms of nickel in woodlice.. Environmental Research, 2019, 176, 108507.	7.5	3
20	Population screening and transmission experiments indicate paramyxid-microsporidian co-infection in Echinogammarus marinus represents a non-hyperparasitic relationship between specific parasite strains. Scientific Reports, 2018, 8, 4691.	3.3	1
21	EFSA Scientific Colloquium 24 "Omics in risk assessment: state of the art and next steps. EFSA Supporting Publications, 2018, 15, 1512E.	0.7	29
22	Harmonised risk assessment for human health, animal health and ecological risk assessment of combined exposure to multiple chemicals: a food and feed safety perspective. Toxicology Letters, 2018, 295, S37-S38.	0.8	0
23	Crystal structure of 2-(bis(4-methoxyphenyl)amino)-2-oxoacetic acid, C ₁₆ H ₁₅ NO ₅ . Zeitschrift Fur Kristallographie - New Crystal Structures, 2017, 232, 333-335.	0.3	0
24	A large set of microsatellites for the highly invasive earthworm Amyntas corticis predicted from low coverage genomes. Applied Soil Ecology, 2017, 119, 152-155.	4.3	15
25	The Role of Omics in the Application of Adverse Outcome Pathways for Chemical Risk Assessment. Toxicological Sciences, 2017, 158, 252-262.	3.1	161
26	Quantitative analysis of gene expression changes in response to genotoxic compounds. Toxicology in Vitro, 2017, 39, 15-28.	2.4	0
27	Genetic variation in populations of the earthworm, Lumbricus rubellus, across contaminated mine sites. BMC Genetics, 2017, 18, 97.	2.7	29
28	The complete mitochondrial DNA sequence of the pantropical earthworm Pontoscolex corethrurus (Rhinodrilidae, Clitellata): Mitogenome characterization and phylogenetic positioning. ZooKeys, 2017, 688, 1-13.	1.1	7
29	Sub-lethal cadmium exposure increases phytochelatin concentrations in the aquatic snail Lymnaea stagnalis. Science of the Total Environment, 2016, 568, 1054-1058.	8.0	16
30	Ecological drivers influence the distributions of two cryptic lineages in an earthworm morphospecies. Applied Soil Ecology, 2016, 108, 8-15.	4.3	15
31	Zinc transporter ZIP10 forms a heteromer with ZIP6 which regulates embryonic development and cell migration. Biochemical Journal, 2016, 473, 2531-2544.	3.7	79
32	"Venus trapped, Mars transits": Cu and Fe redox chemistry, cellular topography and <i>in situ</i> ligand binding in terrestrial isopod hepatopancreas. Open Biology, 2016, 6, 150270.	3.6	3
33	Soil Animals and Pedogenesis. Soil Science, 2016, 181, 110-125.	0.9	40
34	The worm has turned: Behavioural drivers of reproductive isolation between cryptic lineages. Soil Biology and Biochemistry, 2016, 98, 11-17.	8.8	16
35	Toxicokinetics of Ag in the terrestrial isopod Porcellionides pruinosus exposed to Ag NPs and AgNO ₃ via soil and food. Ecotoxicology, 2016, 25, 267-278.	2.4	38
36	First known satellite collaring of a viverrid species: preliminary performance and implications of GPS tracking Malay civets (<i>Viverra zibetha</i>). Ecological Research, 2016, 31, 475-481.	1.5	8

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37	Phylogeny and physiology of candidate phylum <i>Atribacteria</i> TM (OP9/JS1) inferred from cultivation-independent genomics. <i>ISME Journal</i> , 2016, 10, 273-286.	9.8	166
38	Impacts of a newly identified behaviour-altering trematode on its host amphipod: from the level of gene expression to population. <i>Parasitology</i> , 2015, 142, 1469-1480.	1.5	13
39	The effect of anthropogenic arsenic contamination on the earthworm microbiome. <i>Environmental Microbiology</i> , 2015, 17, 1884-1896.	3.8	118
40	Analytical approaches to support current understanding of exposure, uptake and distributions of engineered nanoparticles by aquatic and terrestrial organisms. <i>Ecotoxicology</i> , 2015, 24, 239-261.	2.4	49
41	Auxin involvement in tepal senescence and abscission in <i>Lilium</i> : a tale of two lilies. <i>Journal of Experimental Botany</i> , 2015, 66, 945-956.	4.8	17
42	Different routes, same pathways: Molecular mechanisms under silver ion and nanoparticle exposures in the soil sentinel <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2015, 205, 385-393.	7.5	60
43	Unique metabolites protect earthworms against plant polyphenols. <i>Nature Communications</i> , 2015, 6, 7869.	12.8	71
44	GOBLET: The Global Organisation for Bioinformatics Learning, Education and Training. <i>PLoS Computational Biology</i> , 2015, 11, e1004143.	3.2	52
45	Uptake routes and toxicokinetics of silver nanoparticles and silver ions in the earthworm <i>Lumbricus rubellus</i> . <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 2263-2270.	4.3	52
46	Multiple introductions and environmental factors affecting the establishment of invasive species on a volcanic island. <i>Soil Biology and Biochemistry</i> , 2015, 85, 89-100.	8.8	38
47	The Regulation of Copper Stress Response Genes in the Polychaete <i>Nereis diversicolor</i> during prolonged Extreme Copper Contamination. <i>Environmental Science & Technology</i> , 2014, 48, 13085-13092.	10.0	11
48	Intracellular localization and induction of a dynamic RNA editing event of macroalgal <i>V&AATP</i> ase subunit <i>A</i> (<i>VHA</i>) in response to copper. <i>Plant, Cell and Environment</i> , 2014, 37, 189-203.	5.7	6
49	Living on a volcano's edge: genetic isolation of an extremophile terrestrial metazoan. <i>Heredity</i> , 2014, 112, 132-142.	2.6	16
50	Metallothioneins May Not Be Enough – The Role of Phytochelatins in Invertebrate Metal Detoxification. <i>Environmental Science & Technology</i> , 2014, 48, 885-886.	10.0	42
51	Vitellogenin is not an appropriate biomarker of feminisation in a Crustacean. <i>Aquatic Toxicology</i> , 2014, 153, 89-97.	4.0	23
52	Crustacean Intersexuality Is Feminization without Demasculinization: Implications for Environmental Toxicology. <i>Environmental Science & Technology</i> , 2014, 48, 13520-13529.	10.0	22
53	Identifying biochemical phenotypic differences between cryptic species. <i>Biology Letters</i> , 2014, 10, 20140615.	2.3	13
54	Uptake epithelia behave in a cell-centric and not systems homeostatic manner in response to zinc depletion and supplementation. <i>Metallomics</i> , 2014, 6, 154-165.	2.4	13

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55	The functional ghost in the genome machine: Holistic mapping of environmentally induced changes in the epigenome of a soil sentinel. <i>Toxicology Letters</i> , 2014, 229, S18.	0.8	3
56	Metabolites and metals in Metazoa – what role do phytochelatins play in animals?. <i>Metallomics</i> , 2014, 6, 1576-1582.	2.4	19
57	Using OMICS in ecological risk assessment: where do we stand?. <i>Toxicology Letters</i> , 2013, 221, S54.	0.8	0
58	Towards an integrative soil health assessment strategy: A three tier (integrative biomarker response) approach with <i>Eisenia fetida</i> applied to soils subjected to chronic metal pollution. <i>Science of the Total Environment</i> , 2013, 442, 344-365.	8.0	44
59	Life-history effects of arsenic toxicity in clades of the earthworm <i>Lumbricus rubellus</i> . <i>Environmental Pollution</i> , 2013, 172, 200-207.	7.5	24
60	Pb and Zn imaging and in situ speciation at the geogenic/biogenic interface in sentinel earthworms using electron microprobe and synchrotron micro-focus X-ray spectroscopy. <i>Environmental Pollution</i> , 2013, 173, 68-74.	7.5	9
61	In Situ Metal Imaging and Zn Ligand-Speciation in a Soil-Dwelling Sentinel: Complementary Electron Microprobe and Synchrotron Microbeam X-ray Analyses. <i>Environmental Science & Technology</i> , 2013, 47, 1073-1081.	10.0	9
62	DNA sequence variation and methylation in an arsenic tolerant earthworm population. <i>Soil Biology and Biochemistry</i> , 2013, 57, 524-532.	8.8	68
63	The bottom-up approach to defining life: deciphering the functional organization of biological cells via multi-objective representation of biological complexity from molecules to cells. <i>Frontiers in Physiology</i> , 2013, 4, 369.	2.8	6
64	A mechanism for epithelial-mesenchymal transition and anoikis resistance in breast cancer triggered by zinc channel ZIP6 and STAT3 (signal transducer and activator of transcription 3). <i>Biochemical Journal</i> , 2013, 455, 229-237.	3.7	102
65	Earthworms Produce phytochelatins in Response to Arsenic. <i>PLoS ONE</i> , 2013, 8, e81271.	2.5	28
66	Protein Kinase CK2 Triggers Cytosolic Zinc Signaling Pathways by Phosphorylation of Zinc Channel ZIP7. <i>Science Signaling</i> , 2012, 5, ra11.	3.6	238
67	Protein kinase CK2 opens the gate for zinc signaling. <i>Cell Cycle</i> , 2012, 11, 1863-1864.	2.6	27
68	A Widespread and Distinctive Form of Amphipod Intersexuality Not Induced by Known Feminising Parasites. <i>Sexual Development</i> , 2012, 6, 320-324.	2.0	9
69	Paramyxean-microsporidian co-infection in amphipods: Is the consensus that Microsporidia can feminise their hosts presumptive?. <i>International Journal for Parasitology</i> , 2012, 42, 683-691.	3.1	26
70	Induction of expression of a 14-3-3 gene in response to copper exposure in the marine alga, <i>Fucus vesiculosus</i> . <i>Ecotoxicology</i> , 2012, 21, 124-138.	2.4	15
71	Toxicokinetic studies reveal variability in earthworm pollutant handling. <i>Pedobiologia</i> , 2011, 54, S217-S222.	1.2	31
72	Application of physiologically based modelling and transcriptomics to probe the systems toxicology of aldicarb for <i>Caenorhabditis elegans</i> (Maupas 1900). <i>Ecotoxicology</i> , 2011, 20, 397-408.	2.4	26

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73	Information sharing and group efficacy influences on communication and decision quality. Asia Pacific Journal of Management, 2011, 28, 509-528.	4.5	12
74	Microsporidia infections in the amphipod, Echinogammarus marinus (Leach): suggestions of varying causal mechanisms to intersexuality. Marine Biology, 2011, 158, 461-470.	1.5	17
75	Species extrapolation for the 21st century. Environmental Toxicology and Chemistry, 2011, 30, 52-63.	4.3	60
76	Metal bioaccumulation and cellular fractionation in an epigeic earthworm (Lumbricus rubellus): The interactive influences of population exposure histories, site-specific geochemistry and mitochondrial genotype. Soil Biology and Biochemistry, 2010, 42, 1566-1573.	8.8	25
77	Dynamic transcriptomic profiles of zebrafish gills in response to zinc depletion. BMC Genomics, 2010, 11, 548.	2.8	26
78	Dynamic transcriptomic profiles of zebrafish gills in response to zinc supplementation. BMC Genomics, 2010, 11, 553.	2.8	44
79	Linking toxicant physiological mode of action with induced gene expression changes in Caenorhabditis elegans. BMC Systems Biology, 2010, 4, 32.	3.0	46
80	Molecular genetic differentiation in earthworms inhabiting a heterogeneous Pb-polluted landscape. Environmental Pollution, 2010, 158, 883-890.	7.5	58
81	Dynamic transcriptomic profiles of zebrafish gills in response to zinc exposure. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2010, 157, S36.	1.8	0
82	Microarray analysis of differential gene expression elicited in Trametes versicolor during interspecific mycelial interactions. Fungal Biology, 2010, 114, 646-660.	2.5	34
83	Earthworm genomes, genes and proteins: the (re)discovery of Darwin's worms. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 789-797.	2.6	38
84	Validation of metabolomics for toxic mechanism of action screening with the earthworm Lumbricus rubellus. Metabolomics, 2009, 5, 72-83.	3.0	48
85	Accumulated Metal Speciation in Earthworm Populations with Multigenerational Exposure to Metalliferous Soils: Cell Fractionation and High-Energy Synchrotron Analyses. Environmental Science & Technology, 2009, 43, 6822-6829.	10.0	37
86	The Metabolomic Responses of <i>Caenorhabditis elegans</i> to Cadmium Are Largely Independent of Metallothionein Status, but Dominated by Changes in Cystathionine and Phytochelatins. Journal of Proteome Research, 2009, 8, 3512-3519.	3.7	107
87	Glutathione transferase (GST) as a candidate molecular-based biomarker for soil toxin exposure in the earthworm Lumbricus rubellus. Environmental Pollution, 2009, 157, 2459-2469.	7.5	65
88	Zinc transporters and cancer: a potential role for ZIP7 as a hub for tyrosine kinase activation. Trends in Molecular Medicine, 2009, 15, 101-111.	6.7	195
89	Development of a novel ozone- and photo-stable HyPer5 red fluorescent dye for array CGH and microarray gene expression analysis with consistent performance irrespective of environmental conditions. BMC Biotechnology, 2008, 8, 86.	3.3	25
90	'Systems toxicology' approach identifies coordinated metabolic responses to copper in a terrestrial non-model invertebrate, the earthworm Lumbricus rubellus. BMC Biology, 2008, 6, 25.	3.8	168

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91	On a Chip Alginate Microencapsulation of Functional Cells. <i>Macromolecular Rapid Communications</i> , 2008, 29, 165-170.	3.9	51
92	Metallobiological Necklaces: Mass Spectrometric and Molecular Modeling Study of Metallation in Concatenated Domains of Metallothionein. <i>Chemistry - A European Journal</i> , 2008, 14, 7579-7593.	3.3	9
93	Transcriptome profiling of developmental and xenobiotic responses in a keystone soil animal, the oligochaete annelid <i>Lumbricus rubellus</i> . <i>BMC Genomics</i> , 2008, 9, 266.	2.8	93
94	Sexually dimorphic gene expression in the brains of mature zebrafish. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2008, 149, 314-324.	1.8	56
95	An in vitro method to assess toxicity of waterborne metals to fish. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 67-77.	2.8	46
96	Current research in soil invertebrate ecotoxicogenomics. <i>Advances in Experimental Biology</i> , 2008, 2, 133-326.	0.1	9
97	Intersexuality in crustaceans: Genetic, individual and population level effects. <i>Marine Environmental Research</i> , 2008, 66, 146-148.	2.5	9
98	Infertility in a marine crustacean: Have we been ignoring pollution impacts on male invertebrates?. <i>Aquatic Toxicology</i> , 2008, 88, 81-87.	4.0	38
99	Evidence for the existence of a functional Kiss1/Kiss1 receptor pathway in fish. <i>Peptides</i> , 2008, 29, 57-64.	2.4	112
100	cDNA cloning and expression analysis of <i>Eisenia fetida</i> (Annelida: Oligochaeta) phytochelatin synthase under cadmium exposure. <i>Ecotoxicology and Environmental Safety</i> , 2008, 71, 47-55.	6.0	71
101	Comparative Transcriptomic Responses to Chronic Cadmium, Fluoranthene, and Atrazine Exposure in <i>Lumbricus rubellus</i> . <i>Environmental Science & Technology</i> , 2008, 42, 4208-4214.	10.0	37
102	The Epigenetic Algorithm. , 2008, , .		8
103	Knock down of <i>Caenorhabditis elegans</i> cutc-1 Exacerbates the Sensitivity Toward High Levels of Copper. <i>Toxicological Sciences</i> , 2008, 106, 384-391.	3.1	32
104	Regulation of ZIP and ZnT zinc transporters in zebrafish gill: zinc repression of ZIP10 transcription by an intronic MRE cluster. <i>Physiological Genomics</i> , 2008, 34, 205-214.	2.3	87
105	Zinc-controlled gene expression by metal-regulatory transcription factor 1 (MTF1) in a model vertebrate, the zebrafish. <i>Biochemical Society Transactions</i> , 2008, 36, 1252-1257.	3.4	60
106	Molecular basis of sex and reproductive status in breeding zebrafish. <i>Physiological Genomics</i> , 2007, 30, 111-122.	2.3	71
107	Microfluidic chip-based synthesis of alginate microspheres for encapsulation of immortalized human cells. <i>Biomicrofluidics</i> , 2007, 1, 014105.	2.4	60
108	Gonadal transcriptome responses and physiological consequences of exposure to oestrogen in breeding zebrafish (<i>Danio rerio</i>). <i>Aquatic Toxicology</i> , 2007, 83, 134-142.	4.0	89

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109	Metallothionein expression and Neutral Red uptake as biomarkers of metal exposure and effect in <i>Eisenia fetida</i> and <i>Lumbricus terrestris</i> exposed to Cd. <i>European Journal of Soil Biology</i> , 2007, 43, S233-S238.	3.2	51
110	Metabolic Profile Biomarkers of Metal Contamination in a Sentinel Terrestrial Species Are Applicable Across Multiple Sites. <i>Environmental Science & Technology</i> , 2007, 41, 4458-4464.	10.0	96
111	Characterization of the conformational changes in recombinant human metallothioneins using ESI-MS and molecular modeling. <i>Canadian Journal of Chemistry</i> , 2007, 85, 898-912.	1.1	42
112	Microevolution and Ecotoxicology of Metals in Invertebrates. <i>Environmental Science & Technology</i> , 2007, 41, 1085-1096.	10.0	185
113	Standard Annotation of Environmental OMICS Data: Application to the Transcriptomics Domain. <i>OMICS A Journal of Integrative Biology</i> , 2006, 10, 172-178.	2.0	21
114	Determination of the Cd/S Cluster Stoichiometry in <i>Fucus vesiculosus</i> Metallothionein. <i>Chemical Research in Toxicology</i> , 2006, 19, 365-375.	3.3	29
115	Microsatellite markers for the earthworm <i>Lumbricus rubellus</i> . <i>Molecular Ecology Notes</i> , 2006, 6, 325-327.	1.7	29
116	Bioinformatics Data Source Integration Based on Semantic Relationships Across Species. <i>Lecture Notes in Computer Science</i> , 2006, , 78-93.	1.3	1
117	The phylogeny of teleost ZIP and ZnT zinc transporters and their tissue specific expression and response to zinc in zebrafish. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005, 1732, 88-95.	2.4	64
118	Metal Compartmentation and Speciation in a Soil Sentinel: The Earthworm, <i>Dendrodrilus rubidus</i> . <i>Environmental Science & Technology</i> , 2005, 39, 7731-7740.	10.0	41
119	Earthworm responses to Cd and Cu under fluctuating environmental conditions: a comparison with results from laboratory exposures. <i>Environmental Pollution</i> , 2005, 136, 443-452.	7.5	53
120	Hierarchical Responses of Soil Invertebrates (Earthworms) to Toxic Metal Stress. <i>Environmental Science & Technology</i> , 2005, 39, 5327-5334.	10.0	49
121	Cu and Cd Effects on the Earthworm <i>Lumbricus rubellus</i> in the Laboratory: A Multivariate Statistical Analysis of Relationships between Exposure, Biomarkers, and Ecologically Relevant Parameters. <i>Environmental Science & Technology</i> , 2005, 39, 1757-1763.	10.0	33
122	Cadmium Detoxification in Earthworms: From Genes to Cells. <i>Environmental Science & Technology</i> , 2004, 38, 6283-6289.	10.0	139
123	Toxicological, cellular and gene expression responses in earthworms exposed to copper and cadmium. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2004, 138, 11-21.	2.6	39
124	Responses of earthworms (<i>Lumbricus rubellus</i>) to copper and cadmium as determined by measurement of juvenile traits in a specifically designed test system. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 54-64.	6.0	66
125	Measurement of annetocin gene expression: a new reproductive biomarker in earthworm ecotoxicology. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 4-10.	6.0	77
126	Differential metallothionein expression in earthworm (<i>Lumbricus rubellus</i>) tissues. <i>Ecotoxicology and Environmental Safety</i> , 2004, 57, 11-19.	6.0	96

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127	$\hat{1}^2$ -Ketoacyl-acyl carrier protein synthase \hat{A} III from pea (<i>Pisum sativum</i> L.): properties, inhibition by a novel thiolactomycin analogue and isolation of a cDNA clone encoding the enzyme. <i>Planta</i> , 2003, 216, 752-761.	3.2	11
128	Quantitative measurement of fathead minnow vitellogenin mRNA using hybridization protection assays. <i>Environmental Toxicology and Chemistry</i> , 2003, 22, 992-995.	4.3	8
129	The earthworm Expressed Sequence Tag project. <i>Pedobiologia</i> , 2003, 47, 447-451.	1.2	21
130	Developing a new method for soil pollution monitoring using molecular genetic biomarkers. <i>Biomarkers</i> , 2003, 8, 229-239.	1.9	54
131	The earthworm Expressed Sequence Tag projectThe 7th international symposium on earthworm ecology \hat{A} Cardiff \hat{A} Wales \hat{A} 2002. <i>Pedobiologia</i> , 2003, 47, 447-451.	1.2	32
132	Study of wheat transformed with sense and anti-sense lipase genes. <i>Biochemical Society Transactions</i> , 2002, 30, A120-A120.	3.4	1
133	Transgenic wheat lines mimicking metabolic responses to the Greenhouse effect. <i>Biochemical Society Transactions</i> , 2002, 30, A121-A121.	3.4	0
134	Copper speciation in the $\hat{1}^{\pm}$ and $\hat{1}^2$ domains of recombinant human metallothionein by electrospray ionization mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2002, 88, 153-172.	3.5	47
135	Molecular Cloning and Expression of Thyroid Hormone Receptor Alpha during Salmonid Development. <i>General and Comparative Endocrinology</i> , 2002, 125, 226-235.	1.8	38
136	Control genes in quantitative molecular biological techniques: the variability of invariance. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2001, 130, 281-289.	1.6	231
137	Earthworm pre-procarboxypeptidase: a copper responsive enzyme. <i>BioMetals</i> , 2001, 14, 85-94.	4.1	13
138	Metal Ion Trafficking in Earthworms. <i>Journal of Biological Chemistry</i> , 2001, 276, 34013-34018.	3.4	137
139	Cadmium delays growth hormone expression during rainbow trout development. <i>Journal of Fish Biology</i> , 2001, 59, 1015-1022.	1.6	5
140	A QUANTITATIVE DIRECTED DIFFERENTIAL DISPLAY TECHNIQUE TO IDENTIFY TRANSCRIPTION FACTORS THAT ORCHESTRATE NEURONAL vs ASTROCYTIC DIFFERENTIATION FROM A COMMON PROGENITOR IN VITRO. <i>Biochemical Society Transactions</i> , 2000, 28, A293-A293.	3.4	0
141	Tissue-specific regulation of metallothionein and metallothionein mRNA accumulation in the Antarctic notothenioid, <i>Notothenia coriiceps</i> . <i>Polar Biology</i> , 2000, 23, 17-23.	1.2	17
142	Morphological and metabolic changes in transgenic wheat with altered glycerol-3-phosphate acyltransferase or acyl-acyl carrier protein (ACP) thioesterase activities. <i>Biochemical Society Transactions</i> , 2000, 28, 682.	3.4	0
143	Isolation, characterization and molecular cloning of cathepsin D from lizard ovary: Changes in enzyme activity and mRNA expression throughout ovarian cycle. <i>Molecular Reproduction and Development</i> , 1999, 52, 126-134.	2.0	25
144	Structural and functional analysis of the rat metallothionein III genomic locus. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1445, 321-329.	2.4	12

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145	Characterisation and quantification of earthworm cyclophilins: identification of invariant and heavy metal responsive isoforms. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1999, 1489, 467-473.	2.4	13
146	Cathepsin D from the liver of the Antarctic icefish <i>Chionodraco hamatus</i> exhibits unusual activity and stability at high temperatures. <i>BBA - Proteins and Proteomics</i> , 1999, 1431, 64-73.	2.1	33
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