

Agnieszka J Bednarska

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

766
citations

516710

16
h-index

552781

26
g-index

40
all docs

40
docs citations

40
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Interactions between toxic chemicals and natural environmental factors – A meta-analysis and case studies. <i>Science of the Total Environment</i> , 2010, 408, 3763-3774.	8.0	131
2	Glutathione levels and enzyme activity in the tissues of bank vole <i>Clethrionomys glareolus</i> chronically exposed to a mixture of metal contaminants. <i>Chemosphere</i> , 2006, 65, 963-974.	8.2	48
3	Energy reserves and accumulation of metals in the ground beetle <i>Pterostichus oblongopunctatus</i> from two metal-polluted gradients. <i>Environmental Science and Pollution Research</i> , 2013, 20, 390-398.	5.3	31
4	Subcellular partitioning of cadmium and zinc in mealworm beetle (<i>Tenebrio molitor</i>) larvae exposed to metal-contaminated flour. <i>Ecotoxicology and Environmental Safety</i> , 2016, 133, 82-89.	6.0	31
5	Three-phase metal kinetics in terrestrial invertebrates exposed to high metal concentrations. <i>Science of the Total Environment</i> , 2010, 408, 3794-3802.	8.0	30
6	Costs of living in metal polluted areas: respiration rate of the ground beetle <i>Pterostichus oblongopunctatus</i> from two gradients of metal pollution. <i>Ecotoxicology</i> , 2013, 22, 118-124.	2.4	28
7	Toxicokinetics of zinc-oxide nanoparticles and zinc ions in the earthworm <i>Eisenia andrei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2017, 143, 151-158.	6.0	27
8	Combined effects of chlorpyrifos, copper and temperature on acetylcholinesterase activity and toxicokinetics of the chemicals in the earthworm <i>Eisenia fetida</i> . <i>Environmental Pollution</i> , 2017, 220, 567-576.	7.5	27
9	More ecological ERA: Incorporating natural environmental factors and animal behavior. <i>Integrated Environmental Assessment and Management</i> , 2013, 9, e39-46.	2.9	26
10	Effects of nickel and temperature on the ground beetle <i>Pterostichus oblongopunctatus</i> (Coleoptera: Carabidae). <i>Environmental Pollution</i> , 2009, 157, 1597-1602.	2.4	25
11	Environmental conditions enhance toxicant effects in larvae of the ground beetle <i>Pterostichus oblongopunctatus</i> (Coleoptera: Carabidae). <i>Environmental Pollution</i> , 2009, 157, 1597-1602.	7.5	24
12	Combined effect of environmental pollutants (nickel, chlorpyrifos) and temperature on the ground beetle, <i>Pterostichus oblongopunctatus</i> (Coleoptera: Carabidae). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 864-872.	4.3	23
13	Regulation of body metal concentrations: Toxicokinetics of cadmium and zinc in crickets. <i>Ecotoxicology and Environmental Safety</i> , 2015, 119, 9-14.	6.0	23
14	The development of the solitary bee <i>Osmia bicornis</i> is affected by some insecticide agrochemicals at environmentally relevant concentrations. <i>Science of the Total Environment</i> , 2021, 775, 145588.	8.0	22
15	Metal toxicokinetics and metal-driven damage to the gut of the ground beetle <i>Pterostichus oblongopunctatus</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 22047-22058.	5.3	20
16	Energy reserves and respiration rate in the earthworm <i>Eisenia andrei</i> after exposure to zinc in nanoparticle or ionic form. <i>Environmental Science and Pollution Research</i> , 2019, 26, 24933-24945.	5.3	20
17	Toxicokinetics of Metals in Terrestrial Invertebrates: Making Things Straight with the One-Compartment Principle. <i>PLoS ONE</i> , 2014, 9, e108740.	2.5	18
18	Using toxicokinetic-toxicodynamic modeling as an acute risk assessment refinement approach in vertebrate ecological risk assessment. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 32-45.	2.9	18

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19	Ground beetle communities in a mountain river subjected to restoration: The Raba River, Polish Carpathians. <i>Science of the Total Environment</i> , 2018, 610-611, 1180-1192.	8.0	17
20	Two-Phase Uptake of Nickel in the Ground Beetle <i>Pterostichus oblongopunctatus</i> (Coleoptera: Carabidae) and Toxicology, 2011, 60, 722-733.	4.1	15
21	Effects of agricultural landscape structure, insecticide residues, and pollen diversity on the life-history traits of the red mason bee <i>Osmia bicornis</i> . <i>Science of the Total Environment</i> , 2022, 809, 151142.	8.0	14
22	Expression of Metallothionein Genes I and II in Bank Vole <i>Clethrionomys glareolus</i> Populations Chronically Exposed In Situ to Heavy Metals. <i>Environmental Science & Technology</i> , 2007, 41, 1032-1037.	10.0	13
23	The toxicokinetics cell demography model to explain metal kinetics in terrestrial invertebrates. <i>Ecotoxicology</i> , 2012, 21, 2186-2194.	2.4	13
24	Incorporating toxicokinetics into an individual-based model for more realistic pesticide exposure estimates: A case study of the wood mouse. <i>Ecological Modelling</i> , 2014, 280, 30-39.	2.5	13
25	Supporting non-target arthropods in agroecosystems: Modelling effects of insecticides and landscape structure on carabids in agricultural landscapes. <i>Science of the Total Environment</i> , 2021, 774, 145746.	8.0	13
26	A toxicokinetic model for thiamethoxam in rats: implications for higher-tier risk assessment. <i>Ecotoxicology</i> , 2013, 22, 548-557.	2.4	12
27	Scientific monitoring of immediate and long-term effects of river restoration projects in the Polish Carpathians. <i>Ecohydrology and Hydrobiology</i> , 2021, 21, 244-255.	2.3	10
28	Locomotor activity and respiration rate of the ground beetle, <i>Pterostichus oblongopunctatus</i> (Coleoptera: Carabidae), exposed to elevated nickel concentration at different temperatures: novel application of Multispecies Freshwater Biomonitor [®] . <i>Ecotoxicology</i> , 2010, 19, 864-871.	2.4	9
29	Effect of cadmium bioavailability in food on its compartmentalisation in carabids. <i>Ecotoxicology</i> , 2017, 26, 1259-1270.	2.4	9
30	Effects of Cadmium Bioavailability in Food on Its Distribution in Different Tissues in the Ground Beetle <i>Pterostichus oblongopunctatus</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019, 103, 421-427.	2.7	8
31	Unravelling the ZnO-NPs mechanistic pathway: Cellular changes and altered morphology in the gastrointestinal tract of the earthworm <i>Eisenia andrei</i> . <i>Ecotoxicology and Environmental Safety</i> , 2020, 196, 110532.	6.0	7
32	Concentration dependent toxicokinetics of copper in the red flour beetle <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae). <i>Ecotoxicology</i> , 2015, 24, 1823-1830.	2.4	6
33	Different effects of Zn nanoparticles and ions on growth and cellular respiration in the earthworm <i>Eisenia andrei</i> after long-term exposure. <i>Ecotoxicology</i> , 2021, 30, 459-469.	2.4	6
34	Acute Oral and Contact Toxicity of Three Plant Protection Products to Adult Solitary Bees <i>Osmia bicornis</i> . <i>Polish Journal of Environmental Studies</i> , 2021, 30, 4105-4113.	1.2	6
35	Physiological and biochemical response of the solitary bee <i>Osmia bicornis</i> exposed to three insecticide-based agrochemicals. <i>Ecotoxicology and Environmental Safety</i> , 2022, 230, 113095.	6.0	6
36	Combined effect of nickel and chlorpyrifos on the ground beetle <i>Pterostichus oblongopunctatus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 242-248.	6.0	5

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37	Species-specific landscape characterisation method in agro-ecosystems. <i>Ecological Indicators</i> , 2021, 129, 107894.	6.3	4
38	Toxicokinetics of three insecticides in the female adult solitary bee <i>Osmia bicornis</i> . <i>Environmental Pollution</i> , 2022, 293, 118610.	7.5	3
39	Homogeneity of agriculture landscape promotes insecticide resistance in the ground beetle <i>Poecilus cupreus</i> . <i>PLoS ONE</i> , 2022, 17, e0266453.	2.5	3
40	COMBINED EFFECT OF ENVIRONMENTAL POLLUTANTS (NICKEL, CHLORPYRIFOS) AND TEMPERATURE ON THE GROUND BEETLE, <i>PTEROSTICHUS OBLONGOPUNCTATUS</i> (COLEOPTERA: CARABIDAE). <i>Environmental Toxicology and Chemistry</i> , 2007, preprint, 1.	4.3	2