Agnieszka J Bednarska

List of Publications by Year
in descending order

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	Effects of agricultural landscape structure, insecticide residues, and pollen diversity on the life-history traits of the red mason bee Osmia bicornis. Science of the Total Environment, 2022, 809, 151142.	8.0	14
2	Toxicokinetics of three insecticides in the female adult solitary bee Osmia bicornis. Environmental Pollution, 2022, 293, 118610.	7.5	3
3	Physiological and biochemical response of the solitary bee Osmia bicornis exposed to three insecticide-based agrochemicals. Ecotoxicology and Environmental Safety, 2022, 230, 113095.	6.0	6
4	Homogeneity of agriculture landscape promotes insecticide resistance in the ground beetle Poecilus cupreus. PLoS ONE, 2022, 17, e0266453.	2.5	3
5	Scientific monitoring of immediate and long-term effects of river restoration projects in the Polish Carpathians. Ecohydrology and Hydrobiology, 2021, 21, 244-255.	2.3	10
6	Different effects of Zn nanoparticles and ions on growth and cellular respiration in the earthworm Eisenia andrei after long-term exposure. Ecotoxicology, 2021, 30, 459-469.	2.4	6
7	The development of the solitary bee Osmia bicornis is affected by some insecticide agrochemicals at environmentally relevant concentrations. Science of the Total Environment, 2021, 775, 145588.	8.0	22
8	Supporting non-target arthropods in agroecosystems: Modelling effects of insecticides and landscape structure on carabids in agricultural landscapes. Science of the Total Environment, 2021, 774, 145746.	8.0	13
9	Acute Oral and Contact Toxicity of Three Plant Protection Products to Adult Solitary Bees Osmia bicornis. Polish Journal of Environmental Studies, 2021, 30, 4105-4113.	1.2	6
10	Species-specific landscape characterisation method in agro-ecosystems. Ecological Indicators, 2021, 129, 107894.	6.3	4
11	Unravelling the ZnO-NPs mechanistic pathway: Cellular changes and altered morphology in the gastrointestinal tract of the earthworm Eisenia andrei. Ecotoxicology and Environmental Safety, 2020, 196, 110532.	6.0	7
12	Effects of Cadmium Bioavailability in Food on Its Distribution in Different Tissues in the Ground Beetle Pterostichus oblongopunctatus. Bulletin of Environmental Contamination and Toxicology, 2019, 103, 421-427.	2.7	8
13	Energy reserves and respiration rate in the earthworm Eisenia andrei after exposure to zinc in nanoparticle or ionic form. Environmental Science and Pollution Research, 2019, 26, 24933-24945.	5.3	20
14	Ground beetle communities in a mountain river subjected to restoration: The Raba River, Polish Carpathians. Science of the Total Environment, 2018, 610-611, 1180-1192.	8.0	17
15	Toxicokinetics of zinc-oxide nanoparticles and zinc ions in the earthworm Eisenia andrei. Ecotoxicology and Environmental Safety, 2017, 143, 151-158.	6.0	27
16	Effect of cadmium bioavailability in food on its compartmentalisation in carabids. Ecotoxicology, 2017, 26, 1259-1270.	2.4	9
17	Combined effects of chlorpyriphos, copper and temperature on acetylcholinesterase activity and toxicokinetics of the chemicals in the earthworm Eisenia fetida. Environmental Pollution, 2017, 220, 567-576.	7.5	27
18	Using toxicokineticâ€toxicodynamic modeling as an acute risk assessment refinement approach in vertebrate ecological risk assessment. Integrated Environmental Assessment and Management, 2016, 12, 32-45.	2.9	18

#	Article	IF	Citations
19	Metal toxicokinetics and metal-driven damage to the gut of the ground beetle Pterostichus oblongopunctatus. Environmental Science and Pollution Research, 2016, 23, 22047-22058.	5.3	20
20	Subcellular partitioning of cadmium and zinc in mealworm beetle (Tenebrio molitor) larvae exposed to metal-contaminated flour. Ecotoxicology and Environmental Safety, 2016, 133, 82-89.	6.0	31
21	Regulation of body metal concentrations: Toxicokinetics of cadmium and zinc in crickets. Ecotoxicology and Environmental Safety, 2015, 119, 9-14.	6.0	23
22	Concentration dependent toxicokinetics of copper in the red flour beetle Tribolium castaneum (Coleoptera: Tenebrionidae). Ecotoxicology, 2015, 24, 1823-1830.	2.4	6
23	Toxicokinetics of Metals in Terrestrial Invertebrates: Making Things Straight with the One-Compartment Principle. PLoS ONE, 2014, 9, e108740.	2.5	18
24	Combined effect of nickel and chlorpyrifos on the ground beetle Pterostichus oblongopunctatus. Ecotoxicology and Environmental Safety, 2014, 108, 242-248.	6.0	5
25	Incorporating toxicokinetics into an individual-based model for more realistic pesticide exposure estimates: A case study of the wood mouse. Ecological Modelling, 2014, 280, 30-39.	2.5	13
26	Costs of living in metal polluted areas: respiration rate of the ground beetle Pterostichus oblongopunctatus from two gradients of metal pollution. Ecotoxicology, 2013, 22, 118-124.	2.4	28
27	Energy reserves and accumulation of metals in the ground beetle Pterostichus oblongopunctatus from two metal-polluted gradients. Environmental Science and Pollution Research, 2013, 20, 390-398.	5.3	31
28	A toxicokinetic model for thiamethoxam in rats: implications for higher-tier risk assessment. Ecotoxicology, 2013, 22, 548-557.	2.4	12
29	More ecological ERA: Incorporating natural environmental factors and animal behavior. Integrated Environmental Assessment and Management, 2013, 9, e39-46.	2.9	26
30	The toxicokinetics cell demography model to explain metal kinetics in terrestrial invertebrates. Ecotoxicology, 2012, 21, 2186-2194.	2.4	13
31	Two-Phase Uptake of Nickel in the Ground Beetle Pterostichus oblongopunctatus (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 and Toxicology, 2011, 60, 722-733.	4.1	15
32	Locomotor activity and respiration rate of the ground beetle, Pterostichus oblongopunctatus (Coleoptera: Carabidae), exposed to elevated nickel concentration at different temperatures: novel application of Multispecies Freshwater BiomonitorÂ®. Ecotoxicology, 2010, 19, 864-871.	2.4	9
33	Three-phase metal kinetics in terrestrial invertebrates exposed to high metal concentrations. Science of the Total Environment, 2010, 408, 3794-3802.	8.0	30
34	Interactions between toxic chemicals and natural environmental factors â€" A meta-analysis and case studies. Science of the Total Environment, 2010, 408, 3763-3774.	8.0	131
35	Combined effect of environmental pollutants (nickel, chlorpyrifos) and temperature on the ground beetle,Pterostichus oblongopunctatus(Coleoptera: Carabidae). Environmental Toxicology and Chemistry, 2009, 28, 864-872.	4.3	23
36	Environmental conditions enhance toxicant effects in larvae of the ground beetle Pterostichus oblongopunctatus (Coleoptera: Carabidae). Environmental Pollution, 2009, 157, 1597-1602.	7.5	24

#	Article	IF	Citations
37	Effects of nickel and temperature on the ground beetle Pterostichus oblongopunctatus (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	25
38	Expression of Metallothionein Genes I and II in Bank VoleClethrionomys glareolusPopulations Chronically Exposed In Situ to Heavy Metals. Environmental Science & Technology, 2007, 41, 1032-1037.	10.0	13
39	COMBINED EFFECT OF ENVIRONMENTAL POLLUTANTS (NICKEL, CHLORPYRIFOS) AND TEMPERATURE ON THE GROUND BEETLE, PTEROSTICHUS OBLONGOPUNCTATUS (COLEOPTERA: CARABIDAE). Environmental Toxicology and Chemistry, 2007, preprint, 1.	4.3	2
40	Glutathione levels and enzyme activity in the tissues of bank vole Clethrionomys glareolus chronically exposed to a mixture of metal contaminants. Chemosphere, 2006, 65, 963-974.	8.2	48