Roman G Kuperman

List of Publications by Year
in descending order

35	984	430874 18	434195 31
papers	citations	h-index	g-index

36	36	36	979
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Soil heavy metal concentrations, microbial biomass and enzyme activities in a contaminated grassland ecosystem. Soil Biology and Biochemistry, 1997, 29, 179-190.	8.8	247
2	Litter decomposition and nutrient dynamics in oakâ€“hickory forests along a historic gradient of nitrogen and sulfur deposition. Soil Biology and Biochemistry, 1999, 31, 237-244.	8.8	67
3	Manganese toxicity in soil for Eisenia fetida, Enchytraeus crypticus (Oligochaeta), and Folsomia candida (Collembola). Ecotoxicology and Environmental Safety, 2004, 57, 48-53.	6.0	59
4	Adaptation ofÂtheÂenchytraeid toxicity test forÂuse with natural soil types. European Journal of Soil Biology, 2006, 42, S234-S243.	3.2	46
5	TOXICITY BENCHMARKS FOR ANTIMONY, BARIUM, AND BERYLLIUM DETERMINED USING REPRODUCTION ENDPOINTS FOR FOLSOMIA CANDIDA, EISENIA FETIDA, AND ENCHYTRAEUS CRYPTICUS. Environmental Toxicology and Chemistry, 2006, 25, 754.	4.3	45
6	Relationships between soil properties and community structure of soil macroinvertebrates in oak-hickory forests along an acidic deposition gradient. Applied Soil Ecology, 1996, 4, 125-137.	4.3	43
7	Phytotoxicity of nitroaromatic energetic compounds freshly amended or weathered and aged in sandy loam soil. Chemosphere, 2006, 62, 545-558.	8.2	43
8	Toxicity and uptake of cyclic nitramine explosives in ryegrass Lolium perenne. Environmental Pollution, 2008, 156, 199-206.	7.5	43
9	Genotoxicity of 2,4- and 2,6-dinitrotoluene as measured by the Tradescantia micronucleus (Trad-MCN) bioassay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2003, 538, 13-18.	1.7	31
10	SURVIVAL AND REPRODUCTION OF ENCHYTRAEID WORMS, OLIGOCHAETA, IN DIFFERENT SOIL TYPES AMENDED WITH ENERGETIC CYCLIC NITRAMINES. Environmental Toxicology and Chemistry, 2005, 24, 2579.	4.3	30
11	State of the science and the way forward for the ecotoxicological assessment of contaminated land. Pesquisa Agropecuaria Brasileira, 2009, 44, 811-824.	0.9	29
12	WEATHERING AND AGING OF 2,4,6-TRINITROTOLUENE IN SOIL INCREASES TOXICITY TO POTWORM ENCHYTRAEUS CRYPTICUS. Environmental Toxicology and Chemistry, 2005, 24, 2509.	4.3	28
13	Toxicity of emerging energetic soil contaminant CL-20 to potworm Enchytraeus crypticus in freshly amended or weathered and aged treatments. Chemosphere, 2006, 62, 1282-1293.	8.2	27
14	Survival and reproduction of Enchytraeus crypticus (Oligochaeta, Enchytraeidae) in a natural sandy loam soil amended with the nitro-heterocyclic explosives RDX and HMXThe 7th international symposium on earthworm ecology Â· Cardiff Â· Wales Â· 2002. Pedobiologia, 2003, 47, 651-656.	1.2	25
15	ACCUMULATION OF HEXAHYDRO-1,3,5-TRINITRO-1,3,5-TRIAZINE BY THE EARTHWORM EISENIA ANDREI IN A SANDY LOAM SOIL. Environmental Toxicology and Chemistry, 2009, 28, 2125.	4.3	24
16	Toxicity of 2,4-dinitrotoluene to terrestrial plants in natural soils. Science of the Total Environment, 2010, 408, 3193-3199.	8.0	21
17	Deriving siteâ€specific soil cleanâ€up values for metals and metalloids: Rationale for including protection of soil microbial processes. Integrated Environmental Assessment and Management, 2014, 10, 388-400.	2.9	19
18	Effects of Acidic Deposition on Soil Invertebrates and Microorganisms. Reviews of Environmental Contamination and Toxicology, 1997, , 35-138.	1.3	19

#	Article	IF	Citations
19	Soil properties affect the toxicities of 2,4,6â€trinitrotoluene (TNT) and hexahydroâ€1,3,5â€trinitroâ€1,3,5â€triazine (RDX) to the enchytraeid worm Enchytraeus crypticus. Environmental Toxicology and Chemistry, 2013, 32, 2648-2659.	4.3	18
20	TOXICITIES OF DINITROTOLUENES AND TRINITROBENZENE FRESHLY AMENDED OR WEATHERED AND AGED IN A SANDY LOAM SOIL TO ENCHYTRAEUS CRYPTICUS. Environmental Toxicology and Chemistry, 2006, 25, 1368.	4.3	16
21	Spatial variability in the soil foodwebs in a contaminated grassland ecosystem. Applied Soil Ecology, 1998, 9, 509-514.	4.3	13
22	Phytotoxicity and uptake of nitroglycerin in a natural sandy loam soil. Science of the Total Environment, 2011, 409, 5284-5291.	8.0	13
23	Toxicity of chemical-warfare agent HD to Folsomia candida in different soil types. European Journal of Soil Biology, 2002, 38, 281-285.	3.2	10
24	Role of soil interstitial water in the accumulation of hexahydroâ€1,3,5â€trinitroâ€1,3,5â€triazine in the earthworm Eisenia andrei. Environmental Toxicology and Chemistry, 2010, 29, 998-1005.	4.3	10
25	Precipitation and pollution interaction effect on the abundance of Collembola in hardwood forests in the lower Midwestern United States. European Journal of Soil Biology, 2002, 38, 277-280.	3.2	9
26	Toxicity of chemical warfare agent HD (mustard) to the soil microinvertebrate community in natural soils with contrasting properties. Pedobiologia, 2007, 50, 535-542.	1.2	9
27	Fate of CL-20 in sandy soils: Degradation products as potential markers of natural attenuation. Environmental Pollution, 2009, 157, 77-85.	7.5	9
28	An emerging energetic soil contaminant, CL-20, can affect the soil invertebrate community in a sandy loam soil. Applied Soil Ecology, 2014, 83, 210-218.	4.3	6
29	Inhibition of soil microbial activity by nitrogenâ€based energetic materials. Environmental Toxicology and Chemistry, 2017, 36, 2981-2990.	4.3	5
30	Developing earthworm bioconcentration factors of nitrogen-based compounds for predicting environmentally significant parameters for new munition compounds in soil. Applied Soil Ecology, 2016, 104, 25-30.	4.3	4
31	Selenium toxicity to survival and reproduction of Collembola and Enchytraeids in a sandy loam soil. Environmental Toxicology and Chemistry, 2018, 37, 846-853.	4.3	4
32	Accumulation of Insensitive Munition Compounds in the Earthworm Eisenia andrei from Amended Soil: Methodological Considerations for Determination of Bioaccumulation Factors. Environmental Toxicology and Chemistry, 2021, 40, 1713-1725.	4.3	2
33	Energetic contaminants inhibit plant litter decomposition in soil. Ecotoxicology and Environmental Safety, 2018, 153, 32-39.	6.0	0
34	Effects of Energetic Materials on Soil Organisms. , 2009, , 35-76.		0
35	Ecological Risk Assessment of Soil Contamination with Munition Constituents in North America. , 2009, , 277-307.		0