Vera L Maria

List of Publications by Citations

48 papers	1,099 citations	18 h-index	32 g-index
51 ext. papers	1,248 ext. citations	6.2 avg, IF	4.3 L-index

#	Paper	IF	Citations
48	Oxidative stress and genotoxic effects in gill and kidney of Anguilla anguilla L. exposed to chromium with or without pre-exposure to beta-naphthoflavone. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2006**, 608, 16-28	3	134
47	Contamination assessment of a coastal lagoon (Ria de Aveiro, Portugal) using defence and damage biochemical indicators in gill of Liza aurata--an integrated biomarker approach. *Environmental Pollution*, **2009**, 157, 959-67	9.3	124
46	Detection of emerging contaminants (UV filters, UV stabilizers and musks) in marine mussels from Portuguese coast by QuEChERS extraction and GC-MS/MS. *Science of the Total Environment*, **2014**, 493, 162-9	10.2	101
45	Antioxidant and lipid peroxidation responses in Mytilus galloprovincialis exposed to mixtures of benzo(a)pyrene and copper. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2011**, 154, 56-63	3.2	60
44	Oxidative Stress Mechanisms Caused by Ag Nanoparticles (NM300K) are Different from Those of AgNO3: Effects in the Soil Invertebrate Enchytraeus Crypticus. *International Journal of Environmental Research and Public Health*, **2015**, 12, 9589-602	4.6	42
43	Anguilla anguilla L. biochemical and genotoxic responses to benzo[a]pyrene. *Ecotoxicology and Environmental Safety*, **2002**, 53, 86-92	7	42
42	DNA damage and lipid peroxidation vs. protection responses in the gill of Dicentrarchus labrax L. from a contaminated coastal lagoon (Ria de Aveiro, Portugal). *Science of the Total Environment*, **2008**, 406, 298-307	10.2	38
41	Wild juvenile Dicentrarchus labrax L. liver antioxidant and damage responses at Aveiro Lagoon, Portugal. *Ecotoxicology and Environmental Safety*, **2009**, 72, 1861-70	7	37
40	Impact of benzo(a)pyrene, Cu and their mixture on the proteomic response of Mytilus galloprovincialis. *Aquatic Toxicology*, **2013**, 144-145, 284-95	5.1	34
39	Oxidative stress biomarkers and metallothionein in Folsomia candida--responses to Cu and Cd. *Environmental Research*, **2014**, 133, 164-9	7.9	31
38	Hepatic metallothionein concentrations in the golden grey mullet (Liza aurata) - Relationship with environmental metal concentrations in a metal-contaminated coastal system in Portugal. *Marine Environmental Research*, **2010**, 69, 227-33	3.3	30
37	Ag Nanoparticles (Ag NM300K) in the Terrestrial Environment: Effects at Population and Cellular Level in Folsomia candida (Collembola). *International Journal of Environmental Research and Public Health*, **2015**, 12, 12530-42	4.6	28
36	Evaluation of oxidative DNA lesions in plasma and nuclear abnormalities in erythrocytes of wild fish (Liza aurata) as an integrated approach to genotoxicity assessment. *Mutation Research - Genetic Toxicology and Environmental Mutagenesis*, **2010**, 703, 83-9	3	28
35	Monitoring pollution of coastal lagoon using Liza aurata kidney oxidative stress and genetic endpoints: an integrated biomarker approach. *Ecotoxicology*, **2010**, 19, 643-53	2.9	23
34	Anguilla anguilla L. plasma cortisol, lactate and glucose responses to abietic acid, dehydroabietic acid and retene. *Environment International*, **2004**, 29, 995-1000	12.9	23
33	Gla-rich protein is a potential new vitamin K target in cancer: evidences for a direct GRP-mineral interaction. *BioMed Research International*, **2014**, 2014, 340216	3	20
32	Comparison of metal accumulation between RArtificial MusselRand natural mussels (Mytilus galloprovincialis) in marine environments. *Marine Pollution Bulletin*, **2011**, 63, 149-53	6.7	20

31	Juvenile sea bass (Dicentrarchus labrax L.) DNA strand breaks and lipid peroxidation response following 17beta-estradiol two mode of exposures. *Environment International*, **2008**, 34, 23-9	12.9	18
30	Genotoxic and hepatic biotransformation responses induced by the overflow of pulp mill and secondary-treated effluents on Anguilla anguilla L. *Ecotoxicology and Environmental Safety*, **2003**, 55, 126-37	7	18
29	Juvenile sea bass (Dicentrarchus labrax L.) enzymatic and non-enzymatic antioxidant responses following 17beta-estradiol exposure. *Ecotoxicology*, **2009**, 18, 974-82	2.9	17
28	Antioxidant responses versus DNA damage and lipid peroxidation in golden grey mullet liver: a field study at Ria de Aveiro (Portugal). *Archives of Environmental Contamination and Toxicology*, **2010**, 59, 454-63	3.2	17
27	Multigenerational exposure of Folsomia candida to ivermectin Using avoidance, survival, reproduction, size and cellular markers as endpoints. *Geoderma*, **2019**, 337, 273-279	6.7	16
26	Biomarkers of damage and protection in Mytilus galloprovincialis cross transplanted in Ria Formosa Lagoon (Portugal). *Ecotoxicology*, **2009**, 18, 1018-28	2.9	15
25	Silver (nano)materials cause genotoxicity in Enchytraeus crypticus, as determined by the comet assay. *Environmental Toxicology and Chemistry*, **2018**, 37, 184-191	3.8	15
24	Fate and Effect of Nano Tungsten Carbide Cobalt (WCCo) in the Soil Environment: Observing a Nanoparticle Specific Toxicity in Enchytraeus crypticus. *Environmental Science & Technology*, **2018**, 52, 11394-11401	10.3	15
23	Genotoxic and biochemical responses in caged eel (Anguilla anguilla L.) after short-term exposure to harbour waters. *Environment International*, **2004**, 29, 923-9	12.9	14
22	Transcriptomic effects of the non-steroidal anti-inflammatory drug Ibuprofen in the marine bivalve Mytilus galloprovincialis Lam. *Marine Environmental Research*, **2016**, 119, 31-9	3.3	14
21	Golden grey mullet and sea bass oxidative DNA damage and clastogenic/aneugenic responses in a contaminated coastal lagoon. *Ecotoxicology and Environmental Safety*, **2010**, 73, 1907-13	7	12
20	The Proteome of Enchytraeus crypticus-Exposure to CuO Nanomaterial and CuCl -in Pursue of a Mechanistic Interpretation. *Proteomics*, **2018**, 18, e1800091	4.8	11
19	Anguilla anguilla L. liver EROD induction and genotoxic responses after retene exposure. *Ecotoxicology and Environmental Safety*, **2005**, 61, 230-8	7	11
18	Benzo[a]pyrene and beta-naphthoflavone mutagenic activation by European eel (Anguilla anguilla L.) S9 liver fraction. *Ecotoxicology and Environmental Safety*, **2002**, 53, 81-5	7	11
17	The Enchytraeus crypticus stress metabolome - CuO NM case study. *Nanotoxicology*, **2018**, 12, 766-780	5.3	10
16	Seasonal Liza aurata tissue-specific DNA integrity in a multi-contaminated coastal lagoon (Ria de Aveiro, Portugal). *Marine Pollution Bulletin*, **2010**, 60, 1755-61	6.7	8
15	Anguilla anguilla L. Genotoxic responses after in situ exposure to freshwater wetland (Pateira de Fermentelos, Portugal). *Environment International*, **2006**, 32, 510-5	12.9	8
14	Effects of Amorphous Silica Nanopowders on the Avoidance Behavior of Five Soil Species-A Screening Study. *Nanomaterials*, **2020**, 10,	5.4	7

13	Multigenerational exposure of Folsomia candida to silver: Effect of different contamination scenarios (continuous versus pulsed and recovery). *Science of the Total Environment*, **2018**, 631-632, 326-333	10.2	7
12	Contaminant effects in shore crabs (Carcinus maenas) from Ria Formosa Lagoon. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2009**, 150, 196-208	3.2	7
11	Exposure of Folsomia candida (Willem 1902) to teflubenzuron over three generations Increase of toxicity in the third generation. *Applied Soil Ecology*, **2019**, 134, 8-14	5	7
10	Polystyrene Nanoplastics Can Alter the Toxicological Effects of Simvastatin on. *Toxics*, **2021**, 9,	4.7	5
9	Multiomics assessment in Enchytraeus crypticus exposed to Ag nanomaterials (Ag NM300K) and ions (AgNO) - Metabolomics, proteomics (& transcriptomics). *Environmental Pollution*, **2021**, 286, 117571	9.3	5
8	Modulatory role of copper on naphthoflavone-induced DNA damage in European eel (Anguilla anguilla L.). *Ecotoxicology and Environmental Safety*, **2008**, 71, 806-12	7	4
7	Is the Synthetic Fungicide Fosetyl-Al Safe for the Ecotoxicological Models Danio rerio and Enchytraeus crypticus?. *Applied Sciences (Switzerland)*, **2021**, 11, 7209	2.6	3
6	Toxicity of boron and vanadium nanoparticles on Danio rerio embryos - Phenotypical, biochemical, and behavioral alterations. *Aquatic Toxicology*, **2021**, 238, 105930	5.1	3
5	Anguilla anguilla L. genotoxic and liver biotransformation responses to abietic acid exposure. *Ecotoxicology and Environmental Safety*, **2004**, 58, 202-10	7	2
4	Environmental Hazards of Boron and Vanadium Nanoparticles in the Terrestrial Ecosystem-A Case Study with. *Nanomaterials*, **2021**, 11,	5.4	2
3	How Can Nanoplastics Affect the Survival, Reproduction, and Behaviour of the Soil Model Enchytraeus crypticus?. *Applied Sciences (Switzerland)*, **2020**, 10, 7674	2.6	1
2	The role of nanoplastics on the toxicity of the herbicide phenmedipham, using Danio rerio embryos as model organisms.. *Environmental Pollution*, **2022**, 119166	9.3	1
1	Assessment of diphenhydramine toxicity - Is its mode of action conserved between human and zebrafish?. *Environment International*, **2022**, 164, 107263	12.9	0