Boris JovanoviÄ

List of Publications by Year
in descending order

35 papers	2,584 citations	331538 21 h-index	395590 33 g-index
36 all docs	36 docs citations	36 times ranked	3462 citing authors

#	Article	IF	Citations
1	Microplastic litter composition of the Turkish territorial waters of the Mediterranean Sea, and its occurrence in the gastrointestinal tract of fish. Environmental Pollution, 2017, 223, 286-294.	3.7	511
2	Ingestion of microplastics by fish and its potential consequences from a physical perspective. Integrated Environmental Assessment and Management, 2017, 13, 510-515.	1.6	385
3	Polycarbonate and polystyrene nanoplastic particles act as stressors to the innate immune system of fathead minnow (Pimephales promelas). Environmental Toxicology and Chemistry, 2016, 35, 3093-3100.	2.2	249
4	Virgin microplastics are not causing imminent harm to fish after dietary exposure. Marine Pollution Bulletin, 2018, 130, 123-131.	2.3	184
5	Critical review of public health regulations of titanium dioxide, a human food additive. Integrated Environmental Assessment and Management, 2015, 11, 10-20.	1.6	172
6	Immunotoxicology of non-functionalized engineered nanoparticles in aquatic organisms with special emphasis on fishâ€"Review of current knowledge, gap identification, and call for further research. Aquatic Toxicology, 2012, 118-119, 141-151.	1.9	118
7	Effects of nanosized titanium dioxide on innate immune system of fathead minnow (Pimephales) Tj ETQq1 1 0.784314 rgBT /Overlock	2.9	111
8	Efficacy of the hatching event in assessing the embryo toxicity of the nano-sized TiO2 particles in zebrafish: A comparison between two different classes of hatching-derived variables. Ecotoxicology and Environmental Safety, 2015, 116, 121-128.	2.9	77
9	Titanium dioxide nanoparticles enhance mortality of fish exposed to bacterial pathogens. Environmental Pollution, 2015, 203, 153-164.	3.7	65
10	Gene expression of zebrafish embryos exposed to titanium dioxide nanoparticles and hydroxylated fullerenes. Ecotoxicology and Environmental Safety, 2011, 74, 1518-1525.	2.9	62
11	From nanoplastic to microplastic: A bibliometric analysis on the presence of plastic particles in the environment. Marine Pollution Bulletin, 2021, 163, 111926.	2.3	58
12	Comparative study of the essential oils of four Pinus species: Chemical composition, antimicrobial and insect larvicidal activity. Industrial Crops and Products, 2018, 111, 55-62.	2.5	55
13	Effects of titanium dioxide (TiO₂) nanoparticles on caribbean reefâ€building coral (Montastraea faveolata). Environmental Toxicology and Chemistry, 2014, 33, 1346-1353.	2.2	52
14	Hydroxylated fullerenes inhibit neutrophil function in fathead minnow (Pimephales promelas) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	1.9	51
15	Antimicrobial, Antioxidative, and Insect Repellent Effects of Artemisia absinthium Essential Oil. Planta Medica, 2014, 80, 1698-1705.	0.7	50
16	Review of titanium dioxide nanoparticle phototoxicity: Developing a phototoxicity ratio to correct the endpoint values of toxicity tests. Environmental Toxicology and Chemistry, 2015, 34, 1070-1077.	2.2	48
17	Effects of human food grade titanium dioxide nanoparticle dietary exposure on Drosophila melanogaster survival, fecundity, pupation and expression of antioxidant genes. Chemosphere, 2016, 144, 43-49.	4.2	47
18	Exposure to a microplastic mixture is altering the life traits and is causing deformities in the non-biting midge Chironomus riparius Meigen (1804). Environmental Pollution, 2020, 262, 114248.	3.7	43

#	Article	IF	Citations
19	The effects of a human food additive, titanium dioxide nanoparticles E171, on Drosophila melanogaster - a 20 generation dietary exposure experiment. Scientific Reports, 2018, 8, 17922.	1.6	36
20	Essential oils of Pinus halepensis and P. heldreichii: Chemical composition, antimicrobial and insect larvicidal activity. Industrial Crops and Products, 2019, 140, 111702.	2.5	32
21	Food web effects of titanium dioxide nanoparticles in an outdoor freshwater mesocosm experiment. Nanotoxicology, 2016, 10, 902-912.	1.6	30
22	Effects of a microplastic mixture differ across trophic levels and taxa in a freshwater food web: In situ mesocosm experiment. Science of the Total Environment, 2022, 836, 155407.	3.9	23
23	An environmentally relevant concentration of titanium dioxide (TiO2) nanoparticles induces morphological changes in the mouthparts of Chironomus tentans. Chemosphere, 2018, 211, 489-499.	4.2	21
24	Histopathology of fathead minnow (Pimephales promelas) exposed to hydroxylated fullerenes. Nanotoxicology, 2014, 8, 1-23.	1.6	15
25	In Situ Effects of a Microplastic Mixture on the Community Structure of Benthic Macroinvertebrates in a Freshwater Pond. Environmental Toxicology and Chemistry, 2022, 41, 888-895.	2.2	14
26	In silico prediction of MicroRNA role in regulation of Zebrafish (Danio rerio) responses to nanoparticle exposure. Toxicology in Vitro, 2019, 60, 187-202.	1.1	13
27	Can phytoplankton blooming be harmful to benthic organisms? The toxic influence of Anabaena sp. and Chlorella sp. on Chironomus riparius larvae. Science of the Total Environment, 2020, 729, 138666.	3.9	13
28	Changes in the wing shape and size in Drosophila melanogaster treated with food grade titanium dioxide nanoparticles (E171) â€“ A multigenerational study. Chemosphere, 2020, 261, 127787.	4.2	12
29	Fish community structure and distribution in a macro-tidal inshore habitat in the Irish Sea. Estuarine, Coastal and Shelf Science, 2007, 75, 135-142.	0.9	10
30	Phytochemistry, Toxicology and Therapeutic Value of Petasites hybridus Subsp. Ochroleucus (Common) Tj ETQq0 0 0 rgBT /Overlock 10	1.6	9
31	In situ effects of titanium dioxide nanoparticles on community structure of freshwater benthic macroinvertebrates. Environmental Pollution, 2016, 213, 278-282.	3.7	7
32	A Multiparametric Approach to Cerium Oxide Nanoparticle Toxicity Assessment in Nonâ€Biting Midges. Environmental Toxicology and Chemistry, 2020, 39, 131-140.	2.2	6
33	The Proliferation of Nanomaterials: Possible Health and Environmental Consequences. , 2018, , 61-66.		2
34	Revealing the effects of cerium dioxide nanoparticles through the analysis of morphological changes in Chironomus riparius. Science of the Total Environment, 2021, 786, 147439.	3.9	2
35	OBSOLETE: The proliferation of nanomaterials: possible health and environmental consequences. , 2018, , .		1