

# GÃ¶ran I V KlobuÄar

## List of Publications by Year in descending order

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76  
papers

2,587  
citations

201575

27  
h-index

206029

48  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ecotoxicity and genotoxicity of polystyrene microplastics on higher plant <i>Vicia faba</i> . <i>Environmental Pollution</i> , 2019, 250, 831-838.	3.7	542
2	Toxicological effects of polystyrene microplastics on earthworm ( <i>Eisenia fetida</i> ). <i>Environmental Pollution</i> , 2020, 259, 113896.	3.7	222
3	Application of the micronucleus and comet assays to mussel <i>Dreissena polymorpha</i> haemocytes for genotoxicity monitoring of freshwater environments. <i>Aquatic Toxicology</i> , 2003, 64, 15-23.	1.9	134
4	Detection of DNA damage in haemocytes of zebra mussel using comet assay. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2001, 490, 209-214.	0.9	122
5	Detection of micronuclei in haemocytes of zebra mussel and great ramshorn snail exposed to pentachlorophenol. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2000, 465, 145-150.	0.9	100
6	Intestinal damage, neurotoxicity and biochemical responses caused by tris (2-chloroethyl) phosphate and tricresyl phosphate on earthworm. <i>Ecotoxicology and Environmental Safety</i> , 2018, 158, 78-86.	2.9	89
7	To evaluate the toxicity of atrazine on the freshwater microalgae <i>Chlorella</i> sp. using sensitive indices indicated by photosynthetic parameters. <i>Chemosphere</i> , 2020, 244, 125514.	4.2	77
8	Role of the Dinaric Karst (western Balkans) in shaping the phylogeographic structure of the threatened crayfish <i>Austropotamobius torrentium</i> . <i>Freshwater Biology</i> , 2013, 58, 1089-1105.	1.2	67
9	Detection of DNA damage in haemocytes of <i>Mytilus galloprovincialis</i> in the coastal ecosystems of Kaštela and Trogir bays, Croatia. <i>Science of the Total Environment</i> , 2008, 405, 330-337.	3.9	45
10	Embryotoxic and genotoxic effects of sewage effluents in zebrafish embryo using multiple endpoint testing. <i>Water Research</i> , 2017, 115, 9-21.	5.3	44
11	Prevalence of the pathogen <i>Aphanomyces astaci</i> in freshwater crayfish populations in Croatia. <i>Diseases of Aquatic Organisms</i> , 2016, 118, 45-53.	0.5	39
12	Genotoxicity monitoring of freshwater environments using caged carp ( <i>Cyprinus carpio</i> ). <i>Ecotoxicology</i> , 2010, 19, 77-84.	1.1	38
13	Oxidative and genotoxic effects of 900MHz electromagnetic fields in the earthworm <i>Eisenia fetida</i> . <i>Ecotoxicology and Environmental Safety</i> , 2013, 90, 7-12.	2.9	38
14	Persistence of DNA damage in the freshwater mussel <i>Unio pictorum</i> upon exposure to ethyl methanesulphonate and hydrogen peroxide. <i>Environmental and Molecular Mutagenesis</i> , 2008, 49, 217-225.	0.9	36
15	Distribution and dispersal of two invasive crayfish species in the Drava River basin, Croatia. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2009, , 09.	0.5	36
16	Insights into the molecular phylogeny and historical biogeography of the white-clawed crayfish (Decapoda, Astacidae). <i>Molecular Phylogenetics and Evolution</i> , 2016, 103, 26-40.	1.2	36
17	Genotoxicity of marine sediments in the fish hepatoma cell line PLHC-1 as assessed by the Comet assay. <i>Toxicology in Vitro</i> , 2011, 25, 308-314.	1.1	35
18	Ecotoxicological risk assessment of antifouling emissions in a cruise ship port. <i>Journal of Cleaner Production</i> , 2016, 121, 159-168.	4.6	33

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19	Two distinct evolutionary lineages of the <i>Astacus leptodactylus</i> species-complex (Decapoda :). <i>Trends in Ecology and Evolution</i> , 2016, 31, 100-107.	0.5	32
20	Sewage sludge toxicity assessment using earthworm <i>Eisenia fetida</i> : can biochemical and histopathological analysis provide fast and accurate insight?. <i>Environmental Science and Pollution Research</i> , 2016, 23, 12150-12163.	2.7	32
21	<i>Aporrectodea caliginosa</i> , a suitable earthworm species for field based genotoxicity assessment?. <i>Environmental Pollution</i> , 2011, 159, 841-849.	3.7	31
22	Assessment of genotoxicity in polluted freshwaters using caged painter's mussel, <i>Unio pictorum</i> . <i>Ecotoxicology</i> , 2009, 18, 430-439.	1.1	29
23	Assessment of river sediment toxicity: Combining empirical zebrafish embryotoxicity testing with in silico toxicity characterization. <i>Science of the Total Environment</i> , 2018, 643, 435-450.	3.9	29
24	Update on the distribution of freshwater crayfish in Croatia. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2011, , 31.	0.5	28
25	Species-specific differences in dynamics of agonistic interactions may contribute to the competitive advantage of the invasive signal crayfish ( <i>Pacifastacus leniusculus</i> ) over the native narrow-clawed crayfish ( <i>Astacus leptodactylus</i> ). <i>Marine and Freshwater Behaviour and Physiology</i> , 2016, 49, 147-157.	0.4	28
26	Toxicity prediction and effect characterization of 90 pharmaceuticals and illicit drugs measured in plasma of fish from a major European river (Sava, Croatia). <i>Environmental Pollution</i> , 2020, 266, 115162.	3.7	28
27	Genotoxicity monitoring of freshwater environments using caged crayfish ( <i>Astacus leptodactylus</i> ). <i>Chemosphere</i> , 2012, 87, 62-67.	4.2	27
28	Dynamics of heat-shock induced DNA damage and repair in senescent tobacco plants. <i>Biologia Plantarum</i> , 2014, 58, 71-79.	1.9	26
29	DNA integrity of chub erythrocytes ( <i>Squalius cephalus</i> L.) as an indicator of pollution-related genotoxicity in the River Sava. <i>Environmental Monitoring and Assessment</i> , 2011, 177, 85-94.	1.3	25
30	Emerging human pathogen <i>Acinetobacter baumannii</i> in the natural aquatic environment: a public health risk?. <i>International Journal of Environmental Health Research</i> , 2018, 28, 315-322.	1.3	25
31	New insights into the genetic diversity of the stone crayfish: taxonomic and conservation implications. <i>BMC Evolutionary Biology</i> , 2020, 20, 146.	3.2	25
32	Inducibility of metallothionein biosynthesis in the whole soft tissue of zebra mussels ( <i>Dreissena polymorpha</i> ) exposed to cadmium, copper, and pentachlorophenol. <i>Environmental Toxicology</i> , 2010, 25, 198-211.	2.1	24
33	Genotoxic, physiological and immunological effects caused by temperature increase, air exposure or food deprivation in freshwater crayfish <i>Astacus leptodactylus</i> . <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2010, 152, 433-443.	1.3	24
34	Assessment of surface water in the vicinity of fertilizer factory using fish and plants. <i>Ecotoxicology and Environmental Safety</i> , 2013, 96, 32-40.	2.9	24
35	Impact of treated wastewater on organismic biosensors at various levels of biological organization. <i>Science of the Total Environment</i> , 2015, 538, 23-37.	3.9	24
36	Gold and silver nanoparticles effects to the earthworm <i>Eisenia fetida</i> – the importance of tissue over soil concentrations. <i>Drug and Chemical Toxicology</i> , 2021, 44, 12-29.	1.2	24

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37	Gene flow vs. pollution pressure: Genetic diversity of <i>Mytilus galloprovincialis</i> in eastern Adriatic. <i>Aquatic Toxicology</i> , 2013, 136-137, 22-31.	1.9	20
38	Histopathological Effects of Phenol on the Digestive Gland of <i>Amphimelania holandri</i> FÄ©r. (Gastropoda, Prosobranchia). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1996, 57, 458-464.	1.3	18
39	YEAR CYCLE OF <i>AUSTROPOTAMOBIOUS TORRENTIUM</i> (SCHRANK) IN STREAMS ON MEDVEDNICA MOUNTAIN (CROATIA).. <i>Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems</i> , 2002, , 943-957.	0.4	18
40	Recent changes in distribution pattern of freshwater crayfish in Croatia â threats and perspectives. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2018, , 2.	0.5	17
41	Comparative Karyotype Investigations in the European Crayfish <i>Astacus astacus</i> and <i>A. leptodactylus</i> (Decapoda, Astacidae). <i>Crustaceana</i> , 2011, 84, 1497-1510.	0.1	16
42	Invasion biology in non-âfree-âliving species: interactions between abiotic (climatic) and biotic (host) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Ecology and Evolution, 2013, 3, 5237-5253.	0.8	16
43	Effects of short-term exposure to mobile phone radiofrequency (900ÄMHz) on the oxidative response and genotoxicity in honey bee larvae. <i>Journal of Apicultural Research</i> , 2017, 56, 430-438.	0.7	16
44	Size structure, maturity size, growth and condition index of stone crayfish (<i>Austropotamobius) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.5	15
45	What is Comet assay not telling us: AFLP reveals wider aspects of genotoxicity. <i>Toxicology in Vitro</i> , 2013, 27, 1226-1232.	1.1	14
46	Biomarker response of Mediterranean mussels <i>Mytilus galloprovincialis</i> regarding environmental conditions, pollution impact and seasonal effects. <i>Science of the Total Environment</i> , 2019, 694, 133470.	3.9	13
47	Haemolymph as compartment for efficient and non-destructive determination of P-glycoprotein (Pgp) mediated MXR activity in bivalves. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2006, 143, 103-112.	1.3	12
48	Native Prussian carp ( <i>Carassius gibelio</i> ) health status, biochemical and histological responses to treated wastewaters. <i>Environmental Pollution</i> , 2016, 218, 689-701.	3.7	12
49	Morphological evidence for hidden diversity in the threatened stone crayfish <i>Austropotamobius torrentium</i> (Schrank, 1803) (Decapoda: Astacoidea: Astacidae) in Croatia. <i>Journal of Crustacean Biology</i> , 2017, 37, 7-15.	0.3	12
50	Occurrence of Branchiobdellida (Annelida : Clitellata) on freshwater crayfish in Croatia. <i>Annales De Limnologie</i> , 2006, 42, 251-260.	0.6	11
51	Combining short-term bioassays using fish and crustacean model organisms with ToxCast in vitro data and broad-spectrum chemical analysis for environmental risk assessment of the river water (Sava, Croatia). <i>Environmental Pollution</i> , 2022, 292, 118440.	3.7	11
52	Ecotoxicological aspects related to the occurrence of emerging contaminants in the Dinaric karst aquifer of Jadro and Ä½rnovnica springs. <i>Science of the Total Environment</i> , 2022, 825, 153827.	3.9	11
53	THE RELATIONSHIP BETWEEN FEMALE SIZE AND EGG SIZE IN THE FRESHWATER CRAYFISH <i>AUSTROPOTAMOBIOUS TORRENTIUM</i> . <i>Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems</i> , 2005, , 777-785.	0.4	10
54	Spatial dynamics of the noble crayfish (<i>Astacus astacus</i>, L.) in the Paklenica National Park. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2008, , 01.	0.5	10

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55	Zebrafish genome instability after exposure to model genotoxicants. <i>Ecotoxicology</i> , 2015, 24, 887-902.	1.1	10
56	Description of a new species of <i>Phoxinus</i> from the upper Krka River (Adriatic Basin) in Croatia (Actinopterygii: Leuciscidae), first discovered as a molecular clade. <i>Journal of Fish Biology</i> , 2020, 96, 378-393.	0.7	10
57	Cage Exposure of European Sea Bass ( <i>Dicentrarchus Labrax</i> ) for in Situ Assessment of Pollution-Related Genotoxicity. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2010, 61, 29-36.	0.4	8
58	Epifauna of native and alien freshwater crayfish species (Crustacea:Decapoda): a host-specific community?. <i>Freshwater Science</i> , 2018, 37, 593-604.	0.9	8
59	Predictive Capability of QSAR Models Based on the CompTox Zebrafish Embryo Assays: An Imbalanced Classification Problem. <i>Molecules</i> , 2021, 26, 1617.	1.7	8
60	Increase in number and size of kidney concretions as a result of PCP exposure in the freshwater snail <i>Planorbarius corneus</i> (Gastropoda, Pulmonata). <i>Diseases of Aquatic Organisms</i> , 2001, 44, 149-154.	0.5	8
61	ANNUAL ACTIVITY OF THE NOBLE CRAYFISH ( <i>ASTACUS ASTACUS</i> ) IN THE ORLJAVA RIVER (CROATIA). Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems, 2006, , 23-40.	0.4	7
62	Effects of Freshwater Pollution on the Genetics of Zebra Mussels ( <i>Dreissena polymorpha</i> ) at the Molecular and Population Level. <i>BioMed Research International</i> , 2014, 2014, 1-11.	0.9	7
63	Genomic and gene expression responses to genotoxic stress in PAC2 zebrafish embryonic cell line. <i>Journal of Applied Toxicology</i> , 2015, 35, 1381-1389.	1.4	6
64	Molecular phylogeny of branchiobdellidans (Annelida : Clitellata) and their host-epibiont association with <i>Austropotamobius</i> freshwater crayfish. <i>Invertebrate Systematics</i> , 2018, 32, 55.	0.5	6
65	Repeated Sampling of Atlantic Cod ( <i>Gadus morhua</i> ) for Monitoring of Nondestructive Parameters During Exposure to a Synthetic Produced Water. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 555-568.	1.1	5
66	High-throughput discrimination of bacteria isolated from <i>Astacus astacus</i> and <i>A. leptodactylus</i> . <i>Knowledge and Management of Aquatic Ecosystems</i> , 2014, , 04.	0.5	5
67	Hybrid swarm as a result of hybridization between two alien and two native water frog species (genus) <i>Tj ETQq1 1 0.784314 rgBT /Over Invasions</i> , 2022, 24, 3291-3304.	1.2	5
68	DISTRIBUTION OF <i>AUSTROPOTAMOBIUS PALLIPES</i> (Lereboullet) IN CROATIA AND NOTES ON ITS MORPHOLOGY. <i>Knowledge and Management of Aquatic Ecosystems: an International Journal on Aquatic Ecosystems</i> , 2003, , 57-71.	0.4	4
69	The indigenous crayfish of Plitvice Lakes National Park, Croatia. <i>Freshwater Crayfish</i> , 2013, 19, 91-96.	0.5	4
70	COVID-19 Lockdowns-Effect on Concentration of Pharmaceuticals and Illicit Drugs in Two Major Croatian Rivers. <i>Toxics</i> , 2022, 10, 241.	1.6	4
71	Advanced process control for moisture monitoring and control applications. , 0, , .		3
72	Electromagnetic fields at a mobile phone frequency (900 MHz) trigger the onset of general stress response along with DNA modifications in <i>Eisenia fetida</i> earthworms. <i>Arhiv Za Higijenu Rada I Toksikologiju</i> , 2017, 68, 142-152.	0.4	3

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73	Data on occurrence and ecotoxicological risk of emerging contaminants in Dinaric karst catchment of Jadro and Å½rnovnica springs. Data in Brief, 2022, 42, 108157.	0.5	3
74	Evaluation of DNA damage in haemolymph of freshwater mussels <i>Unio pictorum</i> from Lake Skadar. <i>Biologia (Poland)</i> , 2020, 75, 431-436.	0.8	1
75	Rotifer fauna in Modrac reservoir (Bosnia and Herzegovina). <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2000, 27, 1906-1908.	0.1	0
76	Zooplankton in the dam reservoirs Hazna and Vidara, Bosnia and Herzegovina. <i>Verhandlungen Der Internationalen Vereinigung Fur Theoretische Und Angewandte Limnologie International Association of Theoretical and Applied Limnology</i> , 2006, 29, 2305-2308.	0.1	0