Bernd Sures

List of Publications by Year
in descending order

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232 papers	8,552 citations	34105 52 h-index	66911 78 g-index
241 all docs	241 docs citations	241 times ranked	5813 citing authors

#	Article	IF	Citations
1	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. Nature Ecology and Evolution, 2020, 4, 1060-1068.	7.8	336
2	Environmental parasitology: relevancy of parasites in monitoring environmental pollution. Trends in Parasitology, 2004, 20, 170-177.	3.3	299
3	Parasite responses to pollution: what we know and where we go in â€˜Environmental Parasitologyâ€™. Parasites and Vectors, 2017, 10, 65.	2.5	214
4	Parasites as Accumulation Indicators of Heavy Metal Pollution. Parasitology Today, 1999, 15, 16-21.	3.0	195
5	Can parasites really reveal environmental impact?. Trends in Parasitology, 2010, 26, 44-51.	3.3	190
6	Accumulation of heavy metals by intestinal helminths in fish: an overview and perspective. Parasitology, 2003, 126, S53-S60.	1.5	169
7	Pomphorhynchus laevis: The Intestinal Acanthocephalan as a Lead Sink for its Fish Host, Chub (Leuciscus cephalus). Experimental Parasitology, 1999, 93, 66-72.	1.2	135
8	First report on the uptake of automobile catalyst emitted palladium by European eels (Anguilla) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 46	7.5	132
9	Title is missing!. Aquatic Ecology, 2001, 35, 245-255.	1.5	125
10	Cephalosporin antibiotics in the aquatic environment: A critical review of occurrence, fate, ecotoxicity and removal technologies. Environmental Pollution, 2018, 241, 1153-1166.	7.5	125
11	Environmental Parasitology. Interactions between parasites and pollutants in the aquatic environment. Parasite, 2008, 15, 434-438.	2.0	117
12	Review of hexabromocyclododecane (HBCD) with a focus on legislation and recent publications concerning toxicokinetics and -dynamics. Environmental Pollution, 2015, 199, 26-34.	7.5	117
13	Hostâ€“parasite interactions in polluted environments. Journal of Fish Biology, 2008, 73, 2133-2142.	1.6	106
14	Trace analysis of platinum in biological samples: a comparison between sector field ICP-MS and adsorptive cathodic stripping voltammetry following different digestion procedures. Analytica Chimica Acta, 2001, 439, 203-209.	5.4	104
15	Molecular prospecting for European Diplostomum (Digenea: Diplostomidae) reveals cryptic diversity. International Journal for Parasitology, 2013, 43, 57-72.	3.1	102
16	Influence of platinum, palladium and rhodium as compared with cadmium, nickel and chromium on cell viability and oxidative stress in human bronchial epithelial cells. Environment International, 2007, 33, 385-390.	10.0	96
17	How parasitism and pollution affect the physiological homeostasis of aquatic hosts. Journal of Helminthology, 2006, 80, 151-157.	1.0	87
18	Swimmer's itch: etiology, impact, and risk factors in Europe. Trends in Parasitology, 2013, 29, 65-74.	3.3	87

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19	The intestinal parasite Pomphorhynchus laevis (Acanthocephala) from barbel as a bioindicator for metal pollution in the Danube River near Budapest, Hungary. Environmental Pollution, 2004, 129, 421-429.	7.5	84
20	Significance of platinum group metals emitted from automobile exhaust gas converters for the biosphere. Environmental Science and Pollution Research, 2004, 11, 194-199.	5.3	82
21	Uptake and bioaccumulation of platinum group metals (Pd, Pt, Rh) from automobile catalytic converter materials by the zebra mussel (Dreissena polymorpha). Environmental Research, 2005, 98, 203-209.	7.5	82
22	Induction of heat shock proteins (hsp70) in the zebra mussel (Dreissena polymorpha) following exposure to platinum group metals (platinum, palladium and rhodium): Comparison with lead and cadmium exposures. Aquatic Toxicology, 2005, 75, 65-75.	4.0	81
23	Cisplatin electrochemical biosensor. Electrochimica Acta, 2006, 51, 5169-5173.	5.2	81
24	Biological availability of traffic€related platinum€group elements (palladium, platinum, and rhodium) and other metals to the zebra mussel (Dreissena polymorpha) in water containing road dust. Environmental Toxicology and Chemistry, 2002, 21, 2713-2718.	4.3	80
25	New cryptic species of the â€˜revolutumâ€™ group of Echinostoma (Digenea: Echinostomatidae) revealed by molecular and morphological data. Parasites and Vectors, 2013, 6, 64.	2.5	80
26	Cadmium concentrations in two adult acanthocephalans,Pomphorhynchus laevis andAcanthocephalus lucii, as compared with their fish hosts and cadmium and lead levels in larvae ofA. lucii as compared with their crustacean host. Zeitschrift FÃ¼r Parasitenkunde (Berlin, Germany), 1995, 81, 494-497.	0.8	77
27	Study of Metallothionein Modified Electrode Surface Behavior in the Presence of Heavy Metal Ions-Biosensor. Electroanalysis, 2005, 17, 1649-1657.	2.9	75
28	Richness and diversity of parasite communities in European eels Anguilla anguilla of the River Rhine, Germany, with special reference to helminth parasites. Parasitology, 1999, 119, 323-330.	1.5	74
29	Concentrations of 17 elements in the zebra mussel (Dreissena polymorpha), in different tissues of perch (Perca fluviatilis), and in perch intestinal parasites (Acanthocephalus lucii) from the subalpine lake Mondsee, Austria. Environmental Toxicology and Chemistry, 1999, 18, 2574-2579.	4.3	73
30	Relevance and analysis of traffic related platinum group metals (Pt, Pd, Rh) in the aquatic biosphere, with emphasis on palladium. Ecotoxicology, 2002, 11, 385-392.	2.4	73
31	Determination of Pt, Pd and Rh in biological samples by electrothermal atomic absorption spectrometry as compared with adsorptive cathodic stripping voltammetry and total-reflection X-ray fluorescence analysis. Analytica Chimica Acta, 2003, 498, 93-104.	5.4	72
32	Occurrence of platinum and additional traffic related heavy metals in sediments and biota. Chemosphere, 2007, 66, 619-629.	8.2	71
33	Lead and cadmium content of two cestodes, Monobothrium wageneri and Bothriocephalus scorpii , and their fish hosts. Parasitology Research, 1997, 83, 618-623.	1.6	70
34	Phytochelatin Modified Electrode Surface as a Sensitive Heavy- Metal Ion Biosensor. Sensors, 2005, 5, 70-84.	3.8	69
35	Determination of trace metals (Cd, Pb) in fish by electrothermal atomic absorption spectrometry after microwave digestion. Analytica Chimica Acta, 1995, 311, 135-139.	5.4	66
36	Fish macroparasites as indicators of heavy metal pollution in river sites in Austria. Parasitology, 2003, 126, S61-S69.	1.5	66

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37	Invaders, natives and their enemies: distribution patterns of amphipods and their microsporidian parasites in the Ruhr Metropolis, Germany. Parasites and Vectors, 2015, 8, 419.	2.5	66
38	How does the metallothionein induction in bivalves meet the criteria for biomarkers of metal exposure?. Environmental Pollution, 2016, 212, 257-268.	7.5	65
39	Effects of Silver Nitrate and Silver Nanoparticles on a Planktonic Community: General Trends after Short-Term Exposure. PLoS ONE, 2014, 9, e95340.	2.5	65
40	Intestinal Fish Parasites as Heavy Metal Bioindicators: A Comparison Between Acanthocephalus lucii (Palaeacanthocephala) and the Zebra Mussel, Dreissena polymorpha. Bulletin of Environmental Contamination and Toxicology, 1997, 59, 14-21.	2.7	64
41	Tissue Concentrations of Zinc, Iron, Copper, and Magnesium During the Phases of Full Thickness Wound Healing in a Rodent Model. Biological Trace Element Research, 2019, 191, 167-176.	3.5	64
42	Eel parasite diversity and intermediate host abundance in the River Rhine, Germany. Parasitology, 2001, 123, 185-191.	1.5	60
43	Lead Accumulation in Pomphorhynchus laevis and Its Host. Journal of Parasitology, 1994, 80, 355.	0.7	58
44	Induction of stress by the swimbladder nematode Anguillicola crassus in European eels, Anguilla anguilla, after repeated experimental infection. Parasitology, 2001, 123, 179-184.	1.5	58
45	Analysis of trace metals in the Antarctic host-parasite system Notothenia coriiceps and Aspersentis megarhynchus (Acanthocephala) caught at King George Island, South Shetland Islands. Polar Biology, 2003, 26, 680-686.	1.2	58
46	A Suggestion of Electrochemical Biosensor for Study of Platinum(II)-DNA Interactions. Electroanalysis, 2007, 19, 331-338.	2.9	57
47	Environmental concentrations and toxicology of 2,4,6-tribromophenol (TBP). Environmental Pollution, 2018, 233, 706-713.	7.5	57
48	Larval trematode communities in Radix auricularia and Lymnaea stagnalis in a reservoir system of the Ruhr River. Parasites and Vectors, 2010, 3, 56.	2.5	56
49	The Early Worm Catches the Bird? Productivity and Patterns of Trichobilharzia szidati Cercarial Emission from Lymnaea stagnalis. PLoS ONE, 2016, 11, e0149678.	2.5	55
50	Impact of low water temperature on the development of Anguillicola crassus in the final host Anguilla anguilla. Diseases of Aquatic Organisms, 1998, 33, 143-149.	1.0	55
51	The intestinal parasite Pomphorhynchus laevis (Acanthocephala) interferes with the uptake and accumulation of lead (210Pb) in its fish host chub (Leuciscus cephalus). International Journal for Parasitology, 2003, 33, 1617-1622.	3.1	53
52	Lipid solubility of the platinum group metals Pt, Pd and Rh in dependence on the presence of complexing agents. Environmental Pollution, 2003, 124, 1-5.	7.5	53
53	Individual and combined effects of cadmium and 3,3,4,4,5-pentachlorobiphenyl (PCB 126) on the humoral immune response in European eel (Anguilla anguilla) experimentally infected with larvae of Anguillicola crassus (Nematoda). Parasitology, 2004, 128, 445-454.	1.5	53
54	The intestinal parasite Pomphorhynchus laevis as a sensitive accumulation indicator for the platinum group metals Pt, Pd, and Rh. Environmental Research, 2005, 98, 83-88.	7.5	51

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55	Environmental parasitology: Parasites as accumulation bioindicators in the marine environment. Journal of Sea Research, 2016, 113, 45-50.	1.6	51
56	Comparison of the metal accumulation capacity between the acanthocephalan Pomphorhynchus laevis and larval nematodes of the genus Eustrongylides sp. infecting barbel (Barbus barbus). Parasites and Vectors, 2013, 6, 21.	2.5	50
57	Parasites as a Threat to Freshwater Eels?. Science, 2004, 304, 209-211.	12.6	49
58	Impact of humic substances on the aqueous solubility, uptake and bioaccumulation of platinum, palladium and rhodium in exposure studies with Dreissena polymorpha. Environmental Pollution, 2007, 146, 444-451.	7.5	49
59	Utilizing a chronopotentiometric sensor technique for metallothionein determination in fish tissues and their host parasites. Sensors and Actuators B: Chemical, 2007, 127, 112-119.	7.8	49
60	Integrative taxonomic approach to the cryptic diversity of Diplostomum spp. in lymnaeid snails from Europe with a focus on the â€˜Diplostomum mergiâ€™ species complex. Parasites and Vectors, 2015, 8, 300.	2.5	49
61	Competition for minerals between Acanthocephalus lucii and its definitive host perch (Perca) Tj ETQq1 1 0.784314 rgBT /Overlock 10	3.1	48
62	Marine organisms as heavy metal bioindicators in the Persian Gulf and the Gulf of Oman. Environmental Science and Pollution Research, 2014, 21, 2386-2395.	5.3	48
63	Pomphorhynchus laevis (Palaeacanthocephala) in the intestine of chub (Leuciscus cephalus) as an indicator of metal pollution. International Journal for Parasitology, 2003, 33, 65-70.	3.1	47
64	Lead content of Paratenuisentis ambiguus (Acanthocephala), Anguillicola crassus (Nematodes) and their host Anguilla Anguilla. Diseases of Aquatic Organisms, 1994, 19, 105-107.	1.0	47
65	Uptake of lead by Pomphorhynchus laevis cystacanths in Gammarus pulex and immature worms in chub (Leuciscus cephalus). Parasitology Research, 1998, 84, 573-577.	1.6	46
66	The endohelminth fauna of barbel (Barbus barbus) correlates with water quality of the Danube River in Bulgaria. Parasitology, 2009, 136, 545-552.	1.5	46
67	The acanthocephalan Paratenuisentis ambiguus as a sensitive indicator of the precious metals Pt and Rh from automobile catalytic converters. Environmental Pollution, 2003, 122, 401-405.	7.5	44
68	Pollution-induced heat shock protein expression in the amphipod Gammarus roeseli is affected by larvae of Polymorphus minutus (Acanthocephala). Journal of Helminthology, 2007, 81, 191-197.	1.0	44
69	Effects of salinity gradients on benthic invertebrate and diatom communities in a German lowland river. Ecological Indicators, 2015, 57, 236-248.	6.3	43
70	Accumulation and distribution of platinum and rhodium in the European eel Anguilla anguilla following aqueous exposure to metal salts. Environmental Pollution, 2004, 127, 195-202.	7.5	42
71	Parasites as drivers of key processes in aquatic ecosystems: Facts and future directions. Experimental Parasitology, 2017, 180, 141-147.	1.2	41
72	Toxicity of platinum, palladium and rhodium to Daphnia magna in single and binary metal exposure experiments. Environmental Pollution, 2017, 224, 368-376.	7.5	41

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73	Experimental Studies on Lead Accumulation in the Eel-Specific Endoparasites Anguillicola crassus (Nematoda) and Paratenuisentis ambiguus (Acanthocephala) as Compared with Their Host, Anguilla anguilla. Archives of Environmental Contamination and Toxicology, 1999, 37, 190-195.	4.1	39
74	Comprehensive transcriptome analysis provides new insights into nutritional strategies and phylogenetic relationships of chrysophytes. PeerJ, 2017, 5, e2832.	2.0	38
75	Research note Relative concentrations of heavy metals in the parasites Ascaris suum (Nematoda) and Fasciola hepatica (Digenea) and their respective porcine and bovine definitive hosts. International Journal for Parasitology, 1998, 28, 1173-1178.	3.1	37
76	Comparison between lead accumulation of Pomphorhynchus laevis (Palaeacanthocephala) in the intestine of chub (Leuciscus cephalus) and in the body cavity of goldfish (Carassius auratus auratus). International Journal for Parasitology, 2001, 31, 669-673.	3.1	37
77	Affecting of aquatic vascular plant Lemna minor by cisplatin revealed by voltammetry. Bioelectrochemistry, 2008, 72, 59-65.	4.6	37
78	Influence of the cestode Ligula intestinalis and the acanthocephalan Polymorphus minutus on levels of heat shock proteins (HSP70) and metallothioneins in their fish and crustacean intermediate hosts. Environmental Pollution, 2013, 180, 173-179.	7.5	37
79	Distribution of platinum and other traffic related metals inÂsediments and clams (Corbicula sp.). Water Research, 2015, 70, 313-324.	11.3	37
80	Laser-based in situ embedding of metal nanoparticles into bioextruded alginate hydrogel tubes enhances human endothelial cell adhesion. Nano Research, 2016, 9, 3407-3427.	10.4	37
81	Accumulation of the precious metals platinum, palladium and rhodium from automobile catalytic converters in Paratenuisentis ambiguus as compared with its fish host, Anguilla anguilla. Journal of Helminthology, 2005, 79, 85-89.	1.0	36
82	CICHLIDOGYRUS SCLEROSUS (MONOGENEA: ANCYROCEPHALINAE) AND ITS HOST, THE NILE TILAPIA (OREOCHROMIS NILOTICUS), AS BIOINDICATORS OF CHEMICAL POLLUTION. Journal of Parasitology, 2007, 93, 1097-1106.	0.7	35
83	Understanding trophic interactions in host-parasite associations using stable isotopes of carbon and nitrogen. Parasites and Vectors, 2017, 10, 90.	2.5	35
84	Palladium Biosensor. Electroanalysis, 2007, 19, 1909-1914.	2.9	34
85	Naturally-induced endocrine disruption by the parasite Ligula intestinalis (Cestoda) in roach (Rutilus) Tj ETQq1 1 0.784314 rgBT /Over	1.8	34
86	Metal accumulation in riverine macroinvertebrates from a platinum mining region. Science of the Total Environment, 2020, 703, 134738.	8.0	34
87	Uptake of platinum by zebrafish (Danio rerio) and ramshorn snail (Marisa cornuarietis) and resulting effects on early embryogenesis. Chemosphere, 2009, 77, 975-982.	8.2	33
88	The first millimetre â€“ rearing juvenile freshwater pearl mussels (Margaritifera margaritifera L.) in plastic boxes. Aquatic Conservation: Marine and Freshwater Ecosystems, 2013, 23, 964-975.	2.0	33
89	Comparative study of lead accumulation in different organs of perch (Perca fluviatilis) and its intestinal parasite Acanthocephalus lucii. Bulletin of Environmental Contamination and Toxicology, 1994, 52, 269-73.	2.7	32
90	Experimental studies on the lead accumulation in the cestode Hymenolepis diminuta and its final host, Rattus norvegicus. Ecotoxicology, 2002, 11, 365-368.	2.4	32

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91	Possibilities of electrochemical techniques in metallothionein and lead detection in fish tissues. Czech Journal of Animal Science, 2007, 52, 143-148.	1.3	32
92	Recolonisation patterns of benthic invertebrates: a field investigation of restored former sewage channels. Freshwater Biology, 2014, 59, 1932-1944.	2.4	32
93	Ecotoxicological potential of the biocides terbutryn, octhilinone and methylisothiazolinone: Underestimated risk from biocidal pathways?. Science of the Total Environment, 2018, 625, 900-908.	8.0	32
94	Accumulation and distribution of lead in the archiacanthocephalan Moniliformis moniliformis from experimentally infected rats. Parasitology, 2000, 121, 427-433.	1.5	31
95	Element concentrations in the archiacanthocephalan Macracanthorhynchus hirudinaceus compared with those in the porcine definitive host from a slaughterhouse in La Paz, Bolivia. International Journal for Parasitology, 2000, 30, 1071-1076.	3.1	31
96	Metallothionein (MT) response after chronic palladium exposure in the zebra mussel, Dreissena polymorpha. Environmental Research, 2008, 108, 309-314.	7.5	31
97	A direct solid sampling analysis method for the detection of silver nanoparticles in biological matrices. Analytical and Bioanalytical Chemistry, 2016, 408, 295-305.	3.7	31
98	Metal accumulation in sediments and amphipods downstream of combined sewer overflows. Science of the Total Environment, 2018, 616-617, 1199-1207.	8.0	31
99	Influence of Anguillicola crassus (Nematoda) and Ichthyophthirius multifiliis (Ciliophora) on swimming activity of European eel Anguilla anguilla. Diseases of Aquatic Organisms, 2004, 60, 133-139.	1.0	31
100	Lead concentrations in Hymenolepis diminuta adults and Taenia taeniaeformis larvae compared to their rat hosts (Rattus norvegicus) sampled from the city of Cairo, Egypt. Parasitology, 2003, 127, 483-487.	1.5	30
101	Effects of infection with Anguillicola crassus and simultaneous exposure with Cd and 3,3â€²,4,4â€²,5-pentachlorobiphenyl (PCB 126) on the levels of cortisol and glucose in European eel (Anguilla) Tj ETQq1 1 0.784314 rg	1.5	30
102	Invasion Biology Meets Parasitology: A Case Study of Parasite Spill-Back with Egyptian Fasciola gigantica in the Invasive Snail Pseudosuccinea columella. PLoS ONE, 2014, 9, e88537.	2.5	29
103	Biodiversity of trematodes in their intermediate mollusc and fish hosts in the freshwater ecosystems of Europe. Systematic Parasitology, 2016, 93, 283-293.	1.1	29
104	Transfer and effects of PET microfibers in Chironomus riparius. Science of the Total Environment, 2021, 757, 143735.	8.0	29
105	Expression of gonadotropin subunits in roach (Rutilus rutilus, Cyprinidae) infected with plerocercoids of the tapeworm Ligula intestinalis (Cestoda). International Journal for Parasitology, 2009, 39, 1465-1473.	3.1	27
106	Turning snails into slugs: induced body plan changes and formation of an internal shell. Evolution & Development, 2010, 12, 474-483.	2.0	27
107	Cadmium accumulation in Moniliformis moniliformis (Acanthocephala) from experimentally infected rats. Parasitology Research, 2000, 86, 688-691.	1.6	25
108	Interaction between cadmium exposure and infection with the intestinal parasite Moniliformis moniliformis (Acanthocephala) on the stress hormone levels in rats. Environmental Pollution, 2002, 119, 333-340.	7.5	25

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109	CONCENTRATIONS OF 17 ELEMENTS IN THE ZEBRA MUSSEL (DREISSENA POLYMORPHA), IN DIFFERENT TISSUES OF PERCH (PERCA FLUVIATILIS), AND IN PERCH INTESTINAL PARASITES (ACANTHOCEPHALUS LUCII) FROM THE SUBALPINE LAKE MONDSEE, AUSTRIA. Environmental Toxicology and Chemistry, 1999, 18, 2574.	4.3	25
110	Is metal accumulation in Pomphorhynchus laevis dependent on parasite sex or infrapopulation size?. Parasitology, 2010, 137, 1239-1248.	1.5	24
111	Biocompatible microgel-modified electrospun fibers for zinc ion release. Polymer, 2015, 61, 163-173.	3.8	24
112	Ecotoxicity of the two veterinarian antibiotics ceftiofur and cefapirin before and after photo-transformation. Science of the Total Environment, 2018, 619-620, 866-873.	8.0	24
113	Pomphorhynchus laevis: An invasive species in the river Rhine?. Biological Invasions, 2018, 20, 207-217.	2.4	24
114	Hidden parasite diversity in a European freshwater system. Scientific Reports, 2020, 10, 2694.	3.3	24
115	Seasonal profile of metal accumulation in the acanthocephalan Pomphorhynchus laevis: a valuable tool to study infection dynamics and implications for metal monitoring. Parasites and Vectors, 2016, 9, 300.	2.5	23
116	Degradation of Polymeric Brominated Flame Retardants: Development of an Analytical Approach Using PolyFR and UV Irradiation. Environmental Science & Technology, 2016, 50, 12912-12920.	10.0	23
117	Assessment of sublethal endpoints after chronic exposure of the nematode Caenorhabditis elegans to palladium, platinum and rhodium. Environmental Pollution, 2017, 230, 31-39.	7.5	23
118	Effect of multiple microsporidian infections and temperature stress on the heat shock protein 70 (hsp70) response of the amphipod Gammarus pulex. Parasites and Vectors, 2014, 7, 170.	2.5	22
119	Predicted sediment toxicity downstream of combined sewer overflows corresponds with effects measured in two sediment contact bioassays. Environmental Pollution, 2019, 248, 782-791.	7.5	22
120	Estimating the risk of swimmer's itch in surface waters â€“ A case study from Lake Baldeney, River Ruhr. International Journal of Hygiene and Environmental Health, 2016, 219, 693-699.	4.3	21
121	First evidence for a possible invasional meltdown among invasive fish parasites. Scientific Reports, 2018, 8, 15085.	3.3	21
122	Assessing prior knowledge types as predictors of academic achievement in the introductory phase of biology and physics study programmes using logistic regression. International Journal of STEM Education, 2019, 6, .	5.0	21
123	Degradation of the Polymeric Brominated Flame Retardant â€œPolymeric FRâ€•by Heat and UV Exposure. Environmental Science & Technology, 2019, 53, 1453-1462.	10.0	21
124	Photoluminescence of Fully Inorganic Colloidal Gold Nanocluster and Their Manipulation Using Surface Charge Effects. Advanced Materials, 2021, 33, e2101549.	21.0	21
125	The role of fish helminth parasites in monitoring metal pollution in aquatic ecosystems: a case study in the worldâ€™s most productive platinum mining region. Parasitology Research, 2020, 119, 2783-2798.	1.6	20
126	You are how you eat: differences in trophic position of two parasite species infecting a single host according to stable isotopes. Parasitology Research, 2020, 119, 1393-1400.	1.6	20

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127	Degradation of brominated polymeric flame retardants and effects of generated decomposition products. Chemosphere, 2019, 227, 329-333.	8.2	18
128	Multiple stressors and the role of hydrology on benthic invertebrates in mountainous streams. Science of the Total Environment, 2019, 663, 841-851.	8.0	18
129	High parasite diversity in a neglected host: larval trematodes ofBithynia tentaculatain Central Europe. Journal of Helminthology, 2020, 94, e120.	1.0	18
130	A diversity and functional approach to evaluate the macroinvertebrate responses to multiple stressors in a small subtropical austral river. Ecological Indicators, 2021, 131, 108206.	6.3	18
131	Remediation of zinc-contaminated groundwater by iron oxide in situ adsorption barriers â€“ From lab to the field. Science of the Total Environment, 2022, 807, 151066.	8.0	18
132	Accumulation pattern and possible adverse effects of organic pollutants in sediments downstream of combined sewer overflows. Science of the Total Environment, 2019, 675, 295-304.	8.0	17
133	Effects of the acanthocephalanPolymorphus minutusand the microsporidianDictyocoela duebenumon energy reserves and stress response of cadmium exposedGammarus fossarum. PeerJ, 2015, 3, e1353.	2.0	17
134	Morphological and molecular data for larval stages of four species of Petasiger Dietz, 1909 (Digenea:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Parasitology, 2014, 89, 153-166.	1.1	16
135	Start at zero: succession of benthic invertebrate assemblages in restored former sewage channels. Aquatic Sciences, 2016, 78, 683-694.	1.5	16
136	Cryptic species and their utilization of indigenous and non-indigenous intermediate hosts in the acanthocephalanPolymorphus minutus sensu lato(Polymorphidae). Parasitology, 2018, 145, 1421-1429.	1.5	16
137	Development of Anguillicola crassus (Dracunculoidea, Anguillicolidae) in experimentally infected Balearic congers Ariosoma balearicum (Anguilloidea, Congridae). Diseases of Aquatic Organisms, 1999, 39, 75-78.	1.0	16
138	Heat sensitivity of first host and cercariae may restrict parasite transmission in a warming sea. Scientific Reports, 2022, 12, 1174.	3.3	16
139	Heavy metal concentrations in adult acanthocephalans and cestodes compared to their fish hosts and to established free-living bioindicators. Parassitologia, 1997, 39, 213-8.	0.5	16
140	Human health risks associated with consumption of fish contaminated with trace elements from intensive mining activities in a peri-urban region. Science of the Total Environment, 2022, 825, 154011.	8.0	16
141	Bio-Assessing of Environmental Pollution via Monitoring of Metallothionein Level Using Electrochemical Detection. IEEE Sensors Journal, 2008, 8, 1578-1585.	4.7	15
142	The parasite community of the nase Chondrostoma nasus (L. 1758) from Austrian rivers. Journal of Helminthology, 2011, 85, 255-262.	1.0	15
143	A survey on bioconcentration capacities of some marine parasitic and free-living organisms in the Gulf of Oman. Ecological Indicators, 2014, 37, 99-104.	6.3	15
144	Influence of the excystment time on the breeding success of juvenile freshwater pearl mussels (Margaritifera margaritifera). Aquatic Conservation: Marine and Freshwater Ecosystems, 2015, 25, 21-30.	2.0	15

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145	Small but diverse: larval trematode communities in the small freshwater planorbids Gyraulus albus and Segmentina nitida (Gastropoda: Pulmonata) from the Ruhr River, Germany. Parasitology Research, 2018, 117, 241-255.	1.6	15
146	Riverine regime shifts through reservoir dams reveal options for ecological management. Ecological Applications, 2018, 28, 1897-1908.	3.8	15
147	Ecotoxicological characterization of possible degradation products of the polymeric flame retardant â€œPolymeric FRâ€•using algae and Daphnia OECD tests. Science of the Total Environment, 2019, 656, 101-107.	8.0	15
148	Fish hepatic glutathione-S-transferase activity is affected by the cestode parasitesSchistocephalus solidusandLigula intestinalis: evidence from field and laboratory studies. Parasitology, 2011, 138, 939-944.	1.5	14
149	Lessons learned from studies with the freshwater mussel Dreissena polymorpha exposed to platinum, palladium and rhodium. Science of the Total Environment, 2018, 615, 1396-1405.	8.0	14
150	Is microwave digestion using TFM vessels a suitable preparation method for Pt determination in biological samples by adsorptive cathodic stripping voltammetry?. Analytica Chimica Acta, 2009, 635, 53-57.	5.4	13
151	Ecotoxicological effects prior to and after the ozonation of tamoxifen. Journal of Hazardous Materials, 2018, 358, 286-293.	12.4	13
152	How Ponto-Caspian invaders affect local parasite communities of native fish. Parasitology Research, 2019, 118, 2543-2555.	1.6	13
153	The Ecological Importance of Amphipodâ€“Parasite Associations for Aquatic Ecosystems. Water (Switzerland), 2020, 12, 2429.	2.7	13
154	Inhibition of gametogenesis by the cestodeLigula intestinalisin roach (Rutilus rutilus) is attenuated under laboratory conditions. Parasitology, 2011, 138, 648-659.	1.5	12
155	Nematode eel parasite found inside acanthocephalan cysts - a "Trojan horse" strategy?. Parasites and Vectors, 2014, 7, 504.	2.5	12
156	Development of a PBPK Model for Silver Accumulation in Chub Infected with Acanthocephalan Parasites. Environmental Science & Technology, 2018, 52, 12514-12525.	10.0	12
157	Bioaccumulation and metal-associated biomarker responses in a freshwater mussel, Dreissena polymorpha, following short-term platinum exposure. Environmental Pollution, 2019, 246, 69-78.	7.5	12
158	The Application of Artificial Mussels in Conjunction with Transplanted Bivalves to Assess Elemental Exposure in a Platinum Mining Area. Water (Switzerland), 2020, 12, 32.	2.7	12
159	Bridging the gap: aquatic parasites in the One Health concept. Trends in Parasitology, 2022, 38, 109-111.	3.3	12
160	Do eel parasites reflect the local crustacean community? A case study from the Rhine river system. Journal of Helminthology, 2007, 81, 179-189.	1.0	11
161	Description of a New Echinorhynchid Species (Acanthocephala) From the European Eel, Anguilla anguilla, in Germany, with a Key to Species of Acanthocephalus in Europe. Journal of Parasitology, 2008, 94, 1299-1304.	0.7	11
162	Development and Validation of a Biodynamic Model for Mechanistically Predicting Metal Accumulation in Fish-Parasite Systems. PLoS ONE, 2016, 11, e0161091.	2.5	11

#	Article	IF	Citations
163	Using stable Î´¹³C and Î´¹⁵N isotopes to assess foodweb structures in an African subtropical temporary pool. African Zoology, 2020, 55, 79-92.	0.4	11
164	Ecotoxicological effects of traffic-related metal sediment pollution in Lumbriculus variegatus and Gammarus sp.. Environmental Pollution, 2021, 268, 115884.	7.5	11
165	Nanoparticulate versus ionic silver: Behavior in the tank water, bioaccumulation, elimination and subcellular distribution in the freshwater mussel Dreissena polymorpha. Environmental Pollution, 2017, 222, 251-260.	7.5	10
166	Ecotoxicological effects of micropollutant-loaded powdered activated carbon emitted from wastewater treatment plants on Daphnia magna. Science of the Total Environment, 2020, 746, 141104.	8.0	10
167	Modelling copper toxicokinetics in the zebra mussel, Dreissena polymorpha, under chronic exposures at various pH and sodium concentrations. Chemosphere, 2021, 267, 129278.	8.2	10
168	Eye fluke infection changes diet composition in juvenile European perch (Perca fluviatilis). Scientific Reports, 2021, 11, 3440.	3.3	10
169	Metal contamination and toxicity of soils and river sediments from the world's largest platinum mining area. Environmental Pollution, 2021, 286, 117284.	7.5	10
170	Amphipod parasites may bias results of ecotoxicological research. Diseases of Aquatic Organisms, 2019, 136, 121-132.	1.0	10
171	A nonlinear model of stress hormone levels in ratsâ€"the interaction between pollution and parasites. Ecotoxicology and Environmental Safety, 2004, 59, 23-30.	6.0	9
172	Merging species? Evidence for hybridization between the eel parasites Anguillicola crassus and A. novaezelandiae (Nematoda, Anguillicolidea). Parasites and Vectors, 2012, 5, 244.	2.5	9
173	Can differences in life cycle explain differences in invasiveness? â€“ A study on Anguillicola novaezelandiae in the European eel. Parasitology, 2013, 140, 1831-1836.	1.5	9
174	Matrix-specific mechanism of Fe ion release from laser-generated 3D-printable nanoparticle-polymer composites and their protein adsorption properties. Nanotechnology, 2020, 31, 405703.	2.6	9
175	Host-parasite interactions from an ecotoxicological perspective. Parassitologia, 2007, 49, 173-6.	0.5	9
176	Metal accumulation in ecto- and endoparasites from the anadromous fish, the Pontic shad (Alosa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.5	9
177	Nutritional status and gene expression along the somatotropic axis in roach (Rutilus rutilus) infected with the tapeworm Ligula intestinalis. General and Comparative Endocrinology, 2012, 177, 270-277.	1.8	8
178	Effects of Anguillicola novaezelandiae on the levels of cortisol and hsp70 in the European eel. Parasitology Research, 2014, 113, 3817-3822.	1.6	8
179	Field Studies on PGE in Aquatic Ecosystems. Environmental Science and Engineering, 2015, , 351-360.	0.2	8
180	Medium-term dynamics of element concentrations in a sparid fish and its isopod parasite after the Prestige oil-spill: Shifting baselines?. Science of the Total Environment, 2019, 686, 648-656.	8.0	8

#	Article	IF	Citations
181	Stable isotope analysis spills the beans about spatial variance in trophic structure in a fish host â€“ parasite system from the Vaal River System, South Africa. International Journal for Parasitology: Parasites and Wildlife, 2020, 12, 134-141.	1.5	8
182	Effects of conventionally-treated and ozonated wastewater on mortality, physiology, body length, and behavior of embryonic and larval zebrafish (Danio rerio). Environmental Pollution, 2021, 286, 117241.	7.5	8
183	Modelling chronic toxicokinetics and toxicodynamics of copper in mussels considering ionoregulatory homeostasis and oxidative stress. Environmental Pollution, 2021, 287, 117645.	7.5	8
184	Lead accumulation in Pomphorhynchus laevis and its host. Journal of Parasitology, 1994, 80, 355-7.	0.7	8
185	Comparison of infection success, development and swim bladder pathogenicity of two congeneric Anguillicola species in experimentally infected Anguilla anguilla and A. japonica. Parasitology Research, 2014, 113, 3727-3735.	1.6	7
186	Competing invaders: Performance of two Anguillicola species in Lake Bracciano. International Journal for Parasitology: Parasites and Wildlife, 2015, 4, 119-124.	1.5	7
187	The monogeneanParadiplozoon ichthyoxanthonbehaves like a micropredator on two of its hosts, as indicated by stable isotopes. Journal of Helminthology, 2019, 93, 71-75.	1.0	7
188	Matrix composition during ozonation of N-containing substances may influence the acute toxicity towards Daphnia magna. Science of the Total Environment, 2021, 765, 142727.	8.0	7
189	Nematode eel parasite found inside acanthocephalan cysts Â¿ a Â¿Trojan horseÂ¿ strategy?. Parasites and Vectors, 2014, 7, 504.	2.5	7
190	Generalist parasites persist in degraded environments: a lesson learned from microsporidian diversity in amphipods. Parasitology, 2022, 149, 973-982.	1.5	7
191	Precious Metals in Urban Aquatic Systems: Platinum, Palladium and Rhodium: Sources, Occurrence, Bioavailability and Effects. Environmental Pollution, 2010, , 73-86.	0.4	6
192	Natural Anguillicola novaezelandiae infectionâ€"is there seasonality in New Zealand?. Parasitology Research, 2013, 112, 1623-1630.	1.6	6
193	7. Ecology of the Acanthocephala. , 2014, , 337-344.		6
194	The Hsp70 response of Anguillicola species to host-specific stressors. Parasitology Research, 2016, 115, 2149-2154.	1.6	6
195	Silver stress differentially affects growth of phototrophic and heterotrophic chrysomonad flagellate populations. Environmental Pollution, 2019, 244, 314-322.	7.5	6
196	Morphological comparison of genetically differentiated Polymorphus cf. minutus types. Parasitology Research, 2020, 119, 153-163.	1.6	6
197	Molecular and morphological characterisation of Diplostomum phoxini (Faust, 1918) with a revised classification and an updated nomenclature of the species-level lineages of Diplostomum (Digenea: Diplostomidae) sequenced worldwide. Parasitology, 2021, 148, 1648-1664.	1.5	6
198	BIOLOGICAL AVAILABILITY OF TRAFFIC-RELATED PLATINUM-GROUP ELEMENTS (PALLADIUM, PLATINUM, AND) Tj ETQq0 0 0 rgBT /Overlo ROAD DUST. Environmental Toxicology and Chemistry, 2002, 21, 2713.	4.3	6

#	Article	IF	Citations
199	Rare inventory of trematode diversity in a protected natural reserve. Scientific Reports, 2021, 11, 22066.	3.3	6
200	Parasite infection influences the biomarker response and locomotor activity of Gammarus fossarum exposed to conventionally-treated wastewater. Ecotoxicology and Environmental Safety, 2022, 236, 113474.	6.0	6
201	Pesticide effects on macroinvertebrates and leaf litter decomposition in areas with traditional agriculture. Science of the Total Environment, 2022, 828, 154549.	8.0	6
202	Energy crop production in an urban area: a comparison of habitat types and land use forms targeting economic benefits and impact on species diversity. Urban Ecosystems, 2018, 21, 615-623.	2.4	5
203	Interaction-Specific Changes in the Transcriptome of Polynucleobacter asymbioticus Caused by Varying Protistan Communities. Frontiers in Microbiology, 2019, 10, 1498.	3.5	5
204	Mechanistic simulation of bioconcentration kinetics of waterborne Cd, Ag, Pd, and Pt in the zebra mussel Dreissena polymorpha. Chemosphere, 2020, 242, 124967.	8.2	5
205	Laboratory and field studies on the use of artificial mussels as a monitoring tool of platinum exposure in the freshwater environment. Environmental Sciences Europe, 2021, 33, .	5.5	5
206	Changes of content of glutathione and metallothionein at plant cells and invertebrates treated by platinum group metals. FASEB Journal, 2006, 20, A75.	0.5	5
207	Ichthyofauna in the upper Rhine River close to the city of Karlsruhe as determined by the analysis of fish impingement by cooling-water intakes of a power plant. Limnologica, 2008, 38, 76-85.	1.5	4
208	Metal and metalloid concentrations in the southern African endemic inter- and infratidal super klipfish, Clinus superciliosus, from the west and south coasts of South Africa. Marine Pollution Bulletin, 2021, 172, 112852.	5.0	4
209	Delineation of the exposure-response causality chain of chronic copper toxicity to the zebra mussel, Dreissena polymorpha, with a TK-TD model based on concepts of biotic ligand model and subcellular metal partitioning model. Chemosphere, 2022, 286, 131930.	8.2	4
210	Biological Effects of Palladium. , 2006, , 489-499.		4
211	Development of a toxicokinetic-toxicodynamic model simulating chronic copper toxicity to the Zebra mussel based on subcellular fractionation. Aquatic Toxicology, 2021, 241, 106015.	4.0	4
212	Fish acanthocephalans of the genus Pomphorhynchus sp. as globally applicable bioindicators for metal pollution in the aquatic environment?. Wiener Klinische Wochenschrift, 2004, 116 Suppl 4, 19-23.	1.9	4
213	Metazoan parasite diversity of the endemic South African intertidal klipfish, Clinus superciliosus: Factors influencing parasite community composition. Parasitology International, 2022, 90, 102611.	1.3	4
214	First record of Labeo capensis (Smith, 1841) in the Crocodile River (West) system: another successful non-native freshwater fish introduction in South Africa. African Journal of Aquatic Science, 2019, 44, 177-181.	1.1	3
215	Mutual adaptations between hosts and parasites determine stress levels in eels. International Journal for Parasitology: Parasites and Wildlife, 2021, 14, 179-184.	1.5	3
216	Micropollutant-loaded powdered activated carbon released from waste water treatment plants: a risk for sediment-dwelling organisms?. Environmental Sciences Europe, 2021, 33, .	5.5	3

#	Article	IF	Citations
217	The Rhine as Hotspot of Parasite Invasions. Parasitology Research Monographs, 2019, , 409-429.	0.3	3
218	Study of nucleic acids interactions with platinum based cytostatics using biosensor. FASEB Journal, 2007, 21, A262.	0.5	3
219	Is micropollutant-loaded powdered activated carbon from a wastewater treatment plant toxic to the bivalve Corbicula sp.?. Environmental Sciences Europe, 2020, 32, .	5.5	3
220	Biological availability of traffic-related platinum-group elements (palladium, platinum, and rhodium) and other metals to the zebra mussel (Dreissena polymorpha) in water containing road dust. Environmental Toxicology and Chemistry, 2002, 21, 2713-8.	4.3	3
221	What contributes to the metal-specific partitioning in the chub-acanthocephalan system?. Aquatic Toxicology, 2022, 247, 106178.	4.0	3
222	Uptake of Palladium by the Fauna. , 2006, , 501-511.		2
223	Progress in ecotoxicology, environmental chemistry and ecology. Environmental Sciences Europe, 2014, 26, 23.	5.5	2
224	Size does matterâ€”a closer look on Anguillicola morphology. Parasitology Research, 2015, 114, 3479-3486.	1.6	2
225	Gold Nanorods Induce Endoplasmic Reticulum Stress and Autocrine Inflammatory Activation in Human Neutrophils. ACS Nano, 2022, 16, 11011-11026.	14.6	2
226	Electrochemical Sensor for Determination of Metallothionein as Biomarker. , 2006, , .		1
227	Trace element assessment in Neoechinorhynchus agilis (Rudolphi, 1918) (Acanthocephala:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.0	1
228	Endocrine Disrupting Effects in Fish Induced by Parasites. Integrated Environmental Assessment and Management, 2009, 5, 354.	2.9	0
229	Swimmerâ€™s Itch. , 2016, , 2587-2593.		0
230	Environmental Parasitology. , 2016, , 951-954.		0
231	Biomonitoring of Palladium in the Environment Using Different Accumulation Indicators. , 2006, , 513-523.		0
232	Hybridization between Anguillicola crassus and A. novaezelandiae, and viability of the F1 generation. Journal of Helminthology, 2022, 96, e22.	1.0	0