Thomas Braunbeck

List of Publications by Year
in descending order

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163 papers	8,701 citations	38742 50 h-index	51608 86 g-index
173 all docs	173 docs citations	173 times ranked	7980 citing authors

#	Article	IF	Citations
1	Specificity of time- and dose-dependent morphological endpoints in the fish embryo acute toxicity (FET) test for substances with diverse modes of action: the search for a â€œfingerprintâ€• Environmental Science and Pollution Research, 2022, 29, 16176-16192.	5.3	9
2	Integrate mechanistic evidence from new approach methodologies (NAMs) into a read-across assessment to characterise trends in shared mode of action. Toxicology in Vitro, 2022, 79, 105269.	2.4	14
3	Rethinking the relevance of microplastics as vector for anthropogenic contaminants: Adsorption of toxicants to microplastics during exposure in a highly polluted stream - Analytical quantification and assessment of toxic effects in zebrafish (Danio rerio). Science of the Total Environment, 2022, 816, 151640.	8.0	8
4	Zebrafish embryo neonicotinoid developmental neurotoxicity in the FET test and behavioral assays. ALTEX: Alternatives To Animal Experimentation, 2022, , .	1.5	1
5	Biomarker responses in zebrafish (Danio rerio) following long-term exposure to microplastic-associated chlorpyrifos and benzo(k)fluoranthene. Aquatic Toxicology, 2022, 245, 106120.	4.0	9
6	Beyond the behavioural phenotype: Uncovering mechanistic foundations in aquatic eco-neurotoxicology. Science of the Total Environment, 2022, 829, 154584.	8.0	10
7	The onset of active gill respiration in post-embryonic zebrafish (Danio rerio) larvae triggers an increased sensitivity to neurotoxic compounds. Aquatic Toxicology, 2022, 249, 106240.	4.0	9
8	Neurotoxic effects in zebrafish embryos by valproic acid and nine of its analogues: the fish-mouse connection?. Archives of Toxicology, 2021, 95, 641-657.	4.2	16
9	Multistate models of developmental toxicity: Application to valproic acid-induced malformations in the zebrafish embryo. Toxicology and Applied Pharmacology, 2021, 414, 115424.	2.8	3
10	Ruthenium complexes show promise when submitted to toxicological safety tests using alternative methodologies. European Journal of Medicinal Chemistry, 2021, 216, 113262.	5.5	7
11	Cytochrome P450-dependent biotransformation capacities in embryonic, juvenile and adult stages of zebrafish (Danio rerio)â€”a state-of-the-art review. Archives of Toxicology, 2021, 95, 2299-2334.	4.2	20
12	Pre-validation of choriogenin H transgenic medaka eleutheroembryos as a quantitative estrogenic activity test method. Analytical Biochemistry, 2021, 629, 114311.	2.4	3
13	Limitations and uncertainties of acute fish toxicity assessments can be reduced using alternative methods. ALTEX: Alternatives To Animal Experimentation, 2021, 38, 20-32.	1.5	17
14	Does hepatotoxicity interfere with endocrine activity in zebrafish (Danio rerio)?. Chemosphere, 2020, 238, 124589.	8.2	18
15	Microplastic particles reduce EROD-induction specifically by highly lipophilic compounds in RTL-W1 cells. Ecotoxicology and Environmental Safety, 2020, 189, 110041.	6.0	11
16	Microplastics and sorbed contaminants â€“ Trophic exposure in fish sensitive early life stages. Marine Environmental Research, 2020, 161, 105126.	2.5	17
17	Microplastic-associated trophic transfer of benzo(k)fluoranthene in a limnic food web: Effects in two freshwater invertebrates (Daphnia magna, Chironomus riparius) and zebrafish (Danio rerio). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2020, 237, 108849.	2.6	14
18	Do environmentally relevant concentrations of fluoxetine and citalopram impair stress-related behavior in zebrafish (Danio rerio) embryos?. Chemosphere, 2020, 261, 127753.	8.2	24

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19	Grazing Allometry: Anatomy, Movement, and Foraging Behavior of Three Cattle Breeds of Different Productivity. Frontiers in Veterinary Science, 2020, 7, 494.	2.2	27
20	Adverse effects in the fish embryo acute toxicity (FET) test: a catalogue of unspecific morphological changes versus more specific effects in zebrafish (Danio rerio) embryos. Environmental Sciences Europe, 2020, 32, .	5.5	66
21	Development of a capillary electrophoresisâ€“mass spectrometry method for the analysis of metformin and its transformation product guanylurea in biota. Analytical and Bioanalytical Chemistry, 2020, 412, 4985-4996.	3.7	4
22	Norfluoxetine Is the Only Metabolite of Fluoxetine in Zebrafish (Danio rerio) Embryos That Accumulates at Environmentally Relevant Exposure Scenarios. Environmental Science & Technology, 2020, 54, 4200-4209.	10.0	31
23	The EU-ToxRisk method documentation, data processing and chemical testing pipeline for the regulatory use of new approach methods. Archives of Toxicology, 2020, 94, 2435-2461.	4.2	30
24	Inducibility of cytochrome P450-mediated 7-methoxycoumarin-O-demethylase activity in zebrafish (Danio rerio) embryos. Aquatic Toxicology, 2020, 225, 105540.	4.0	13
25	In vivo fluorescence-based characterization of cytochrome P450 activity during embryonic development of zebrafish (Danio rerio). Ecotoxicology and Environmental Safety, 2020, 192, 110330.	6.0	6
26	Histological, enzymatic and chemical analyses of the potential effects of differently sized microplastic particles upon long-term ingestion in zebrafish (Danio rerio). Marine Pollution Bulletin, 2020, 153, 111022.	5.0	48
27	Development of a generic zebrafish embryo PBPK model and application to the developmental toxicity assessment of valproic acid analogs. Reproductive Toxicology, 2020, 93, 219-229.	2.9	13
28	Choosy grazers: Influence of plant traits on forage selection by three cattle breeds. Functional Ecology, 2020, 34, 980-992.	3.6	33
29	The tox is in the detail: technical fundamentals for designing, performing, and interpreting experiments on toxicity of microplastics and associated substances. Environmental Science and Pollution Research, 2020, 27, 22292-22318.	5.3	28
30	Obituary for Tamara Grummt. Environmental Sciences Europe, 2020, 32, .	5.5	1
31	Insights on Ecotoxicological Effects of Microplastics in Marine Ecosystems: The EPHEMARE Project. Springer Water, 2020, , 12-19.	0.3	0
32	Influence of Highland and production-oriented cattle breeds on pasture vegetation: A pairwise assessment across broad environmental gradients. Agriculture, Ecosystems and Environment, 2019, 284, 106585.	5.3	26
33	Effect of pH on the toxicity of fumonisins towards the RTL-W1 cell line and zebrafish (Danio rerio) embryos. Toxicology Letters, 2019, 313, 101-107.	0.8	11
34	Analysis of tail coiling activity of zebrafish (Danio rerio) embryos allows for the differentiation of neurotoxicants with different modes of action. Ecotoxicology and Environmental Safety, 2019, 186, 109754.	6.0	48
35	Multi-Laboratory Hazard Assessment of Contaminated Microplastic Particles by Means of Enhanced Fish Embryo Test With the Zebrafish (Danio rerio). Frontiers in Environmental Science, 2019, 7, .	3.3	28
36	Time-course of coiling activity in zebrafish (Danio rerio) embryos exposed to ethanol as an endpoint for developmental neurotoxicity (DNT) â€“ Hidden potential and underestimated challenges. Chemosphere, 2019, 235, 12-20.	8.2	29

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37	Transformation Products of Fluoxetine Formed by Photodegradation in Water and Biodegradation in Zebrafish Embryos (Danio rerio). Environmental Science & Technology, 2019, 53, 7400-7409.	10.0	28
38	Bioavailability of microplastic-bound pollutants in vitro: The role of adsorbate lipophilicity and surfactants. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 221, 59-67.	2.6	20
39	Relevance of nano- and microplastics for freshwater ecosystems: A critical review. TrAC - Trends in Analytical Chemistry, 2019, 110, 375-392.	11.4	346
40	Microplastic testing in vitro: Realistic loading of pollutants, surfactant-free solid surface-dosing and bioanalytical detection using a sensitivity-optimized EROD assay. Toxicology in Vitro, 2019, 54, 194-201.	2.4	9
41	Microplastic accumulation patterns and transfer of benzo[a]pyrene to adult zebrafish (Danio rerio) gills and zebrafish embryos. Environmental Pollution, 2018, 235, 918-930.	7.5	194
42	Editorial: Special Issue â€œEffect-related evaluation of anthropogenic trace substancesâ€”concepts for genotoxicity, neurotoxicity and endocrine effectsâ€• Environmental Science and Pollution Research, 2018, 25, 3945-3950.	5.3	3
43	Comparative live-imaging of in vivo EROD (ethoxyresorufin-O-deethylase) induction in zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Ov extracts. Science of the Total Environment, 2018, 621, 827-838.	8.0	19
44	Intrafollicular thyroid hormone staining in whole-mount zebrafish (Danio rerio) embryos for the detection of thyroid hormone synthesis disruption. Fish Physiology and Biochemistry, 2018, 44, 997-1010.	2.3	15
45	Modification and quantification of in vivo EROD live-imaging with zebrafish (Danio rerio) embryos to detect both induction and inhibition of CYP1A. Science of the Total Environment, 2018, 615, 330-347.	8.0	21
46	In search of a comprehensible set of endpoints for the routine monitoring of neurotoxicity in vertebrates: sensory perception and nerve transmission in zebrafish (Danio rerio) embryos. Environmental Science and Pollution Research, 2018, 25, 4066-4084.	5.3	21
47	Modulation of DNA Repair Systems in Blind Cavefish during Evolution in Constant Darkness. Current Biology, 2018, 28, 3229-3243.e4.	3.9	30
48	An International Perspective on the Tools and Concepts for Effluent Toxicity Assessments in the Context of Animal Alternatives: Reduction in Vertebrate Use. Environmental Toxicology and Chemistry, 2018, 37, 2745-2757.	4.3	31
49	Genetically engineered zebrafish liver (ZF-L) cells as an in vitro source for zebrafish acetylcholinesterase (zfAChE) for the use in AChE inhibition assays. Toxicology in Vitro, 2018, 52, 52-59.	2.4	5
50	Assessment of cytotoxicity, genotoxicity and 7-ethoxyresorufin-O-deethylase (EROD) induction in sediment extracts from New Zealand urban estuaries. Ecotoxicology, 2017, 26, 211-226.	2.4	11
51	In vivo EROD assays with the zebrafish (Danio rerio) as rapid screening tools for the detection of dioxin-like activity. Science of the Total Environment, 2017, 590-591, 269-280.	8.0	35
52	Assessment of urban stream sediment pollutants entering estuaries using chemical analysis and multiple bioassays to characterise biological activities. Science of the Total Environment, 2017, 593-594, 498-507.	8.0	36
53	Size does matter â€“ Determination of the critical molecular size for the uptake of chemicals across the chorion of zebrafish (Danio rerio) embryos. Aquatic Toxicology, 2017, 185, 1-10.	4.0	76
54	Adverse outcome pathways: opportunities, limitations and open questions. Archives of Toxicology, 2017, 91, 3477-3505.	4.2	282

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55	Ultrastructural Alterations in Thyrocytes of Zebrafish (Danio rerio) after Exposure to Propylthiouracil and Perchlorate. Toxicologic Pathology, 2017, 45, 649-662.	1.8	9
56	An optimized method to assess ototoxic effects in the lateral line of zebrafish (Danio rerio) embryos. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2017, 193, 18-29.	2.6	17
57	The German postgraduate degree program in ecotoxicology (SETAC GLB and GDCh): a success story. Environmental Sciences Europe, 2016, 28, 19.	5.5	1
58	Transfer of benzo[a]pyrene from microplastics to Artemia nauplii and further to zebrafish via a trophic food web experiment: CYP1A induction and visual tracking of persistent organic pollutants. Environmental Toxicology and Chemistry, 2016, 35, 1656-1666.	4.3	450
59	Does perfluorooctane sulfonate (PFOS) act as chemosensitizer in zebrafish embryos?. Science of the Total Environment, 2016, 548-549, 317-324.	8.0	26
60	Acetylcholinesterase in zebrafish embryos as a tool to identify neurotoxic effects in sediments. Environmental Science and Pollution Research, 2015, 22, 16329-16339.	5.3	35
61	Evaluation of the hazard potentials of river suspended particulate matter and floodplain soils in the Rhine basin using chemical analysis and in vitro bioassays. Environmental Science and Pollution Research, 2015, 22, 14606-14620.	5.3	16
62	Assessment of cytotoxicity and AhR-mediated toxicity in tropical fresh water sediments under the influence of an oil refinery. Environmental Science and Pollution Research, 2015, 22, 12566-12575.	5.3	4
63	The fish embryo test (FET): origin, applications, and future. Environmental Science and Pollution Research, 2015, 22, 16247-16261.	5.3	174
64	Prochloraz causes irreversible masculinization of zebrafish (Danio rerio). Environmental Science and Pollution Research, 2015, 22, 16417-16422.	5.3	31
65	Impacts of Different Exposure Scenarios on Transcript Abundances in Danio rerio Embryos when Investigating the Toxicological Burden of Riverine Sediments. PLoS ONE, 2014, 9, e106523.	2.5	13
66	PAH toxicity at aqueous solubility in the fish embryo test with Danio rerio using passive dosing. Chemosphere, 2014, 112, 77-84.	8.2	42
67	Improving the in vitro ethoxyresorufin-O-deethylase (EROD) assay with RTL-W1 by metabolic normalization and use of Î²-naphthoflavone as the reference substance. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2014, 164, 27-34.	2.6	15
68	Persistence of endocrine disruption in zebrafish (Danio rerio) after discontinued exposure to the androgen 17Î²â€trenbolone. Environmental Toxicology and Chemistry, 2014, 33, 2488-2496.	4.3	40
69	(Eco)toxicological effects of 2,4,7,9-tetramethyl-5-decyne-4,7-diol (TMDD) in zebrafish (Danio rerio) and permanent fish cell cultures. Environmental Science and Pollution Research, 2014, 21, 8233-8241.	5.3	21
70	Reversibility of endocrine disruption in zebrafish (Danio rerio) after discontinued exposure to the estrogen 17Î±-ethinylestradiol. Toxicology and Applied Pharmacology, 2014, 278, 230-237.	2.8	64
71	OECD validation study to assess intra- and inter-laboratory reproducibility of the zebrafish embryo toxicity test for acute aquatic toxicity testing. Regulatory Toxicology and Pharmacology, 2014, 69, 496-511.	2.7	192
72	Reproductive and genotoxic effects in zebrafish after chronic exposure to methyl methanesulfonate in a multigeneration study. Ecotoxicology, 2013, 22, 825-837.	2.4	15

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73	A European perspective on alternatives to animal testing for environmental hazard identification and risk assessment. Regulatory Toxicology and Pharmacology, 2013, 67, 506-530.	2.7	139
74	Tox-Box: securing drops of life - an enhanced health-related approach for risk assessment of drinking water in Germany. Environmental Sciences Europe, 2013, 25, .	5.5	30
75	Cartilage and bone malformations in the head of zebrafish (Danio rerio) embryos following exposure to disulfiram and acetic acid hydrazide. Toxicology and Applied Pharmacology, 2013, 268, 221-231.	2.8	24
76	The maturity index as a tool to facilitate the interpretation of changes in vitellogenin production and sex ratio in the Fish Sexual Development Test. Aquatic Toxicology, 2013, 128-129, 34-42.	4.0	67
77	Assessment of Genotoxicity in Gonads, Liver and Gills of Zebrafish (Danio rerio) by Use of the Comet Assay and Micronucleus Test after In Vivo Exposure to Methyl Methanesulfonate. Bulletin of Environmental Contamination and Toxicology, 2013, 91, 89-95.	2.7	10
78	Contribution of Priority PAHs and POPs to Ah Receptor-Mediated Activities in Sediment Samples from the River Elbe Estuary, Germany. PLoS ONE, 2013, 8, e75596.	2.5	30
79	Comparison of different exhaustive and biomimetic extraction techniques for chemical and biological analysis of polycyclic aromatic compounds in river sediments. Journal of Soils and Sediments, 2012, 12, 1419-1434.	3.0	8
80	Gene-TEQâ€"a standardized comparative assessment of effects in the comet assay using genotoxicity equivalents. Journal of Environmental Monitoring, 2012, 14, 1325.	2.1	3
81	Effects of the anti-thyroidal compound potassium-perchlorate on the thyroid system of the zebrafish. Aquatic Toxicology, 2012, 109, 47-58.	4.0	42
82	Comparison of zebrafish (Danio rerio) and fathead minnow (Pimephales promelas) as test species in the Fish Sexual Development Test (FSDT). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2012, 155, 407-415.	2.6	18
83	Zebrafish embryos as an alternative to animal experimentsâ€"A commentary on the definition of the onset of protected life stages in animal welfare regulations. Reproductive Toxicology, 2012, 33, 128-132.	2.9	491
84	Developmental effects of coumarin and the anticoagulant coumarin derivative warfarin on zebrafish (Danio rerio) embryos. Reproductive Toxicology, 2012, 33, 133-141.	2.9	99
85	Quantitative assessment of the embryotoxic potential of NSO-heterocyclic compounds using zebrafish (Danio rerio). Reproductive Toxicology, 2012, 33, 224-232.	2.9	60
86	A combined DNA-microarray and mechanism-specific toxicity approach with zebrafish embryos to investigate the pollution of river sediments. Reproductive Toxicology, 2012, 33, 245-253.	2.9	31
87	Toxicity, dioxin-like activities, and endocrine effects of DDT metabolitesâ€"DDA, DDMU, DDMS, and DDCN. Environmental Science and Pollution Research, 2012, 19, 403-415.	5.3	49
88	Sediment-contact fish embryo toxicity assay with Danio rerio to assess particle-bound pollutants in the TietÃª River Basin (SÃ£o Paulo, Brazil). Ecotoxicology and Environmental Safety, 2011, 74, 1951-1959.	6.0	33
89	Low-dose effects and biphasic effect profiles: Is trenbolone a genotoxicant?. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2011, 723, 152-157.	1.7	32
90	Genotoxicity of platinum in embryos of zebrafish (Danio rerio) and ramshorn snail (Marisa) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td (	8.0	33

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91	The endocrine disrupting potential of sediments from the Upper Danube River (Germany) as revealed by in vitro bioassays and chemical analysis. Environmental Science and Pollution Research, 2011, 18, 446-460.	5.3	59
92	Some heterocyclic aromatic compounds are Ah receptor agonists in the DR-CALUX assay and the EROD assay with RTL-W1 cells. Environmental Science and Pollution Research, 2011, 18, 1297-1304.	5.3	44
93	Investigation on soil contamination at recently inundated and non-inundated sites. Journal of Soils and Sediments, 2011, 11, 82-92.	3.0	28
94	The impact of extraction methodologies on the toxicity of sediments in the zebrafish (Danio rerio) embryo test. Journal of Soils and Sediments, 2011, 11, 352-363.	3.0	26
95	Dechorionation as a tool to improve the fish embryo toxicity test (FET) with the zebrafish (Danio) Tj ETQq1 1 0.784314 rgBT /Overloc 91-98.	2.6	128
96	Oxygen requirements of zebrafish (Danio rerio) embryos in embryo toxicity tests with environmental samples. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2011, 153, 318-327.	2.6	38
97	Zebrafish (Danio rerio) embryos as a model for testing proteratogens. Toxicology, 2011, 281, 25-36.	4.2	178
98	Alterations along the Hypothalamic-Pituitary-Thyroid Axis of the Zebrafish (Danio rerio) after Exposure to Propylthiouracil. Journal of Thyroid Research, 2011, 2011, 1-17.	1.3	50
99	Extractable organic matter of Standard Reference Material 1649a influences immunological response induced by pathogen-associated molecular patterns. Environmental Science and Pollution Research, 2010, 17, 1257-1267.	5.3	2
100	DanToxâ€"a novel joint research project using zebrafish (Danio rerio) to identify specific toxicity and molecular modes of action of sediment-bound pollutants. Journal of Soils and Sediments, 2010, 10, 714-717.	3.0	26
101	Impact of contaminants bound to suspended particulate matter in the context of flood events. Journal of Soils and Sediments, 2010, 10, 1174-1185.	3.0	36
102	Environmental effect assessment for sexual endocrineâ€disrupting chemicals: Fish testing strategy. Integrated Environmental Assessment and Management, 2010, 6, 653-662.	2.9	19
103	Zebrafish teratogenicity test with metabolic activation (mDarT): Effects of phase I activation of acetaminophen on zebrafish Danio rerio embryos. Toxicology, 2010, 275, 36-49.	4.2	49
104	Comparison of in vitro and in situ genotoxicity in the Danube River by means of the comet assay and the micronucleus test. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2010, 700, 11-17.	1.7	75
105	Changes in toxicity and dioxin-like activity of sediments from the TietÃª River (SÃ£o Paulo, Brazil). Ecotoxicology and Environmental Safety, 2010, 73, 550-558.	6.0	43
106	The fish embryo toxicity test as an animal alternative method in hazard and risk assessment and scientific research. Aquatic Toxicology, 2010, 97, 79-87.	4.0	320
107	Spatio-temporal development of CYP1 activity in early life-stages of zebrafish (Danio rerio). Aquatic Toxicology, 2010, 100, 38-50.	4.0	77
108	Assessment of fish health status in the Upper Danube River by investigation of ultrastructural alterations in the liver of barbel Barbus barbus. Diseases of Aquatic Organisms, 2010, 88, 235-248.	1.0	26

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109	Thyroid Histopathology Assessments for the Amphibian Metamorphosis Assay to Detect Thyroid-active Substances. Toxicologic Pathology, 2009, 37, 415-424.	1.8	89
110	A fuzzy logic-classification of sediments based on data from in vitro biotests. Journal of Soils and Sediments, 2009, 9, 168-179.	3.0	19
111	Sediment genotoxicity in the TietÃª River (SÃ£o Paulo, Brazil): In vitro comet assay versus in situ micronucleus assay studies. Ecotoxicology and Environmental Safety, 2009, 72, 1842-1848.	6.0	68
112	Zebrafish embryos as a model in general toxicology. Toxicology Letters, 2009, 189, S48-S49.	0.8	5
113	Teratogenic effects of metabolically activated trimethadione in zebrafish embryos (Danio rerio). Toxicology Letters, 2009, 189, S143.	0.8	2
114	Activities and identification of aryl hydrocarbon receptor agonists in sediments from the Danube river. Analytical and Bioanalytical Chemistry, 2008, 390, 2009-2019.	3.7	89
115	Changes in toxicity and Ah receptor agonist activity of suspended particulate matter during flood events at the rivers Neckar and Rhine â€" a mass balance approach using in vitro methods and chemical analysis. Environmental Science and Pollution Research, 2008, 15, 536-553.	5.3	86
116	Application of human and rat liver microsomes in teratogenicity testing using zebrafish Danio rerio embryos (mDarT). Toxicology Letters, 2008, 180, S96-S97.	0.8	3
117	DNA damage induced by genotoxicants in zebrafish (Danio rerio) embryos after contact exposure to freeze-dried sediment and sediment extracts from Laguna Lake (The Philippines) as measured by the comet assay. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 650, 1-14.	1.7	88
118	A novel statistical approach for the evaluation of comet assay data. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2008, 652, 38-45.	1.7	48
119	ESPR Subject Area 2 Â´Aquatic Chemistry and Biology, Health IssuesÂ´. Environmental Science and Pollution Research, 2007, 14, 75-84.	5.3	3
120	Differentiation between bioavailable and total hazard potential of sediment-induced DNA fragmentation as measured by the comet assay with Zebrafish embryos. Journal of Soils and Sediments, 2007, 7, 377-387.	3.0	55
121	A NOVEL CONTACT ASSAY FOR TESTING GENOTOXICITY OF CHEMICALS AND WHOLE SEDIMENTS IN ZEBRAFISH EMBRYOS. Environmental Toxicology and Chemistry, 2006, 25, 2097.	4.3	109
122	Ecotoxicological Assessment of Sediment, Suspended Matter and Water Samples in the Upper Danube River. A pilot study in search for the causes for the decline of fish catches (12 pp). Environmental Science and Pollution Research, 2006, 13, 308-319.	5.3	116
123	Membrane Dialysis Extraction (MDE): A Novel Approach for Extracting Toxicologically Relevant Hydrophobic Organic Compounds from Soils and Sediments for Assessment in Biotests. Journal of Soils and Sediments, 2006, 6, 20-29.	3.0	50
124	Expression of sodium-iodide symporter mRNA in the thyroid gland of Xenopus laevis tadpoles: developmental expression, effects of antithyroidal compounds, and regulation by TSH. Journal of Endocrinology, 2006, 190, 157-170.	2.6	30
125	Evaluation of Histological and Molecular Endpoints for Enhanced Detection of Thyroid System Disruption in Xenopus laevis Tadpoles. Toxicological Sciences, 2006, 90, 337-348.	3.1	76
126	Endocrine Disruption of Water and Sediment Extracts in a Non-Radioactive Dot Blot/RNAse Protection-Assay Using Isolated Hepatocytes of Rainbow Trout (14 pp).Deficiencies between bioanalytical effectiveness and chemically determined concentrations and how to explain them. Environmental Science and Pollution Research, 2005, 12, 347-360.	5.3	63

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127	Postgraduale Weiterbildung mit dem zertifizierten Abschluss FachÃ¶kotoxikologin/e GDCh/SETAC. Environmental Sciences Europe, 2005, 17, 129-130.	0.1	2
128	DESCRIPTION AND INITIAL EVALUATION OF A XENOPUS METAMORPHOSIS ASSAY FOR DETECTION OF THYROID SYSTEMâ€"DISRUPTING ACTIVITIES OF ENVIRONMENTAL COMPOUNDS. Environmental Toxicology and Chemistry, 2005, 24, 653.	4.3	106
129	Towards an alternative for the acute fish LC(50) test in chemical assessment: the fish embryo toxicity test goes multi-species – an update. ALTEX: Alternatives To Animal Experimentation, 2005, 22, 87-102.	1.5	225
130	Changes in toxicity and genotoxicity of industrial sewage sludge samples containing nitro- and amino-aromatic compounds following treatment in bioreactors with different oxygen regimes. Environmental Science and Pollution Research, 2004, 11, 313-320.	5.3	58
131	Comparative genotoxicity testing of rhine river sediment extracts using the comet assay with permanent fish cell lines (rtg-2 and rtl-w1) and the ames test*. Journal of Soils and Sediments, 2004, 4, 84-94.	3.0	69
132	A new sediment contact assay to assess particle-bound pollutants using zebrafish (danio rerio) embryos. Journal of Soils and Sediments, 2004, 4, 94-94.	3.0	0
133	On the relevance of genotoxicity for fish populations II: genotoxic effects in zebrafish (Danio rerio) exposed to 4-nitroquinoline-1-oxide in a complete life-cycle test. Aquatic Toxicology, 2004, 68, 27-37.	4.0	63
134	A new sediment contact assay to assess particle-bound pollutants using zebrafish (danio rerio) embryos. Journal of Soils and Sediments, 2003, 3, 197-207.	3.0	195
135	Effects of 17a-ethinylestradiol on the expression of three estrogen-responsive genes and cellular ultrastructure of liver and testes in male zebrafish. Aquatic Toxicology, 2003, 62, 85-103.	4.0	113
136	Establishing Causality between Pollution and Effects at Different Levels of Biological Organization: The VALIMAR Project. Human and Ecological Risk Assessment (HERA), 2003, 9, 171-194.	3.4	24
137	Combined in Situ and in Vitro Assessment of the Estrogenic Activity of Sewage and Surface Water Samples. Toxicological Sciences, 2003, 75, 57-65.	3.1	68
138	The use of Fish Cells in Ecotoxicology: The Report and Recommendations of ECVAM Workshop 47[,]. ATLA Alternatives To Laboratory Animals, 2003, 31, 317-351.	1.0	192
139	Decline in Reproductive Success, Sex Reversal, and Developmental Alterations in Japanese Medaka (Oryzias latipes) after Continuous Exposure to Octylphenol. Ecotoxicology and Environmental Safety, 2002, 51, 187-196.	6.0	53
140	Biological and chemical determination of dioxin-like compounds in sediments by means of a sediment triad approach in the catchment area of the river Neckar. Ecotoxicology, 2002, 11, 323-336.	2.4	82
141	Application of a sediment quality triad and different statistical approaches (Hasse diagrams and fuzzy) Tj ETQq1 1 0.784314 rgBT /Ove	2.4	52
142	Title is missing!. Hydrobiologia, 2001, 8, 161-178.	0.9	52
143	Title is missing!. Hydrobiologia, 2001, 8, 337-354.	0.9	9
144	Title is missing!. Hydrobiologia, 2001, 8, 299-318.	0.9	20

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145	Cytotoxicity of settling particulate matter and sediments of the Neckar River (Germany) during a winter flood. Environmental Toxicology and Chemistry, 2000, 19, 528-534.	4.3	119
146	Isolation and cultivation of teleost hepatocytes. , 2000, , 49-71.		16
147	CYTOTOXICITY OF SETTLING PARTICULATE MATTER AND SEDIMENTS OF THE NECKAR RIVER (GERMANY) DURING A WINTER FLOOD. Environmental Toxicology and Chemistry, 2000, 19, 528.	4.3	14
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149	Cytological alterations in fish hepatocytes following in vivo and in vitro sublethal exposure to xenobiotics â€" structural biomarkers of environmental contamination. , 1998, , 61-140.		40
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