

Benjamin Pia

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189
papers

6,256
citations

44
h-index

68
g-index

197
ext. papers

6,933
ext. citations

7
avg, IF

5.83
L-index

#	Paper	IF	Citations
189	Nucleosome positioning modulates accessibility of regulatory proteins to the mouse mammary tumor virus promoter. <i>Cell</i> , 1990 , 60, 719-31	56.2	439
188	Genetic isolation of ADA2: a potential transcriptional adaptor required for function of certain acidic activation domains. <i>Cell</i> , 1992 , 70, 251-65	56.2	408
187	Integrated procedure for determination of endocrine-disrupting activity in surface waters and sediments by use of the biological technique recombinant yeast assay and chemical analysis by LC-ESI-MS. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 697-708	4.4	141
186	Increasing genomic information in bivalves through new EST collections in four species: development of new genetic markers for environmental studies and genome evolution. <i>Gene</i> , 2008 , 408, 27-36	3.8	130
185	Monitoring of endocrine disruptors in surface waters by the yeast recombinant assay. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1152-1158	3.8	125
184	Distribution of endocrine disruptors in the Llobregat River basin (Catalonia, NE Spain). <i>Chemosphere</i> , 2005 , 61, 1710-9	8.4	122
183	Changes in histones H2A and H3 variant composition in differentiating and mature rat brain cortical neurons. <i>Developmental Biology</i> , 1987 , 123, 51-8	3.1	115
182	Removal of estrogenic activity of natural and synthetic hormones from a municipal wastewater: efficiency of horseradish peroxidase and laccase from <i>Trametes versicolor</i> . <i>Chemosphere</i> , 2008 , 70, 445-52	8.4	111
181	Ecological relevance of biomarkers in monitoring studies of macro-invertebrates and fish in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016 , 540, 307-23	10.2	109
180	Attenuation of emerging organic contaminants in a hybrid constructed wetland system under different hydraulic loading rates and their associated toxicological effects in wastewater. <i>Science of the Total Environment</i> , 2014 , 470-471, 1272-80	10.2	101
179	ADA1, a novel component of the ADA/GCN5 complex, has broader effects than GCN5, ADA2, or ADA3. <i>Molecular and Cellular Biology</i> , 1997 , 17, 3220-8	4.8	91
178	Evaluation of fungal- and photo-degradation as potential treatments for the removal of sunscreens BP3 and BP1. <i>Science of the Total Environment</i> , 2012 , 427-428, 355-63	10.2	89
177	High atmosphere-sea exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016 , 9, 438-442	18.3	79
176	Structural features of a regulatory nucleosome. <i>Journal of Molecular Biology</i> , 1990 , 216, 975-90	6.5	76
175	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019 , 170, 422-432	7.9	72
174	Obesogens beyond Vertebrates: Lipid Perturbation by Tributyltin in the Crustacean <i>Daphnia magna</i> . <i>Environmental Health Perspectives</i> , 2015 , 123, 813-9	8.4	68
173	Detection and evaluation of endocrine-disruption activity in water samples from Portuguese rivers. <i>Environmental Toxicology and Chemistry</i> , 2005 , 24, 389-95	3.8	68

172	Characterization of the multixenobiotic resistance (MXR) mechanism in embryos and larvae of the zebra mussel (<i>Dreissena polymorpha</i>) and studies on its role in tolerance to single and mixture combinations of toxicants. <i>Aquatic Toxicology</i> , 2011 , 101, 78-87	5.1	65
171	A genomic and ecotoxicological perspective of DNA array studies in aquatic environmental risk assessment. <i>Aquatic Toxicology</i> , 2011 , 105, 40-9	5.1	65
170	Benzyl derivatives of 2,1,3-benzo- and benzothieno[3,2-a]thiadiazine 2,2-dioxides: first phosphodiesterase 7 inhibitors. <i>Journal of Medicinal Chemistry</i> , 2000 , 43, 683-9	8.3	65
169	The different (sur)faces of Rap1p. <i>Molecular Genetics and Genomics</i> , 2003 , 268, 791-8	3.1	61
168	DDP1, a single-stranded nucleic acid-binding protein of <i>Drosophila</i> , associates with pericentric heterochromatin and is functionally homologous to the yeast Scp160p, which is involved in the control of cell ploidy. <i>EMBO Journal</i> , 1999 , 18, 3820-33	13	61
167	Mechanisms of action of selective serotonin reuptake inhibitors in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2012 , 46, 2943-50	10.3	60
166	Physiological responses to mercury in feral carp populations inhabiting the low Ebro River (NE Spain), a historically contaminated site. <i>Aquatic Toxicology</i> , 2009 , 93, 150-7	5.1	60
165	Transcriptional response of stress genes to metal exposure in zebra mussel larvae and adults. <i>Environmental Pollution</i> , 2011 , 159, 100-107	9.3	59
164	Analysis of gene expression as a new tool in ecotoxicology and environmental monitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 1145-1154	14.6	58
163	In vivo zebrafish assays for analyzing drug toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014 , 10, 685-97	5.5	57
162	Assessment of endocrine disruptors effects on zebrafish (<i>Danio rerio</i>) embryos by untargeted LC-HRMS metabolomic analysis. <i>Science of the Total Environment</i> , 2018 , 635, 156-166	10.2	55
161	Toxic assessment of urban atmospheric particle-bound PAHs: relevance of composition and particle size in Barcelona (Spain). <i>Environmental Pollution</i> , 2014 , 184, 555-62	9.3	55
160	Deiodinases and thyroid metabolism disruption in teleost fish. <i>Environmental Research</i> , 2014 , 135, 361-75.9	55	
159	Topoisomerase II is required for the production of long Pol II gene transcripts in yeast. <i>Nucleic Acids Research</i> , 2012 , 40, 7907-15	20.1	53
158	Identification of metabolic pathways in <i>Daphnia magna</i> explaining hormetic effects of selective serotonin reuptake inhibitors and 4-nonylphenol using transcriptomic and phenotypic responses. <i>Environmental Science & Technology</i> , 2013 , 47, 9434-43	10.3	52
157	Evaluating the interactions of vertebrate receptors with persistent pollutants and antifouling pesticides using recombinant yeast assays. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 385, 1012-9	4.4	52
156	Environmental monitoring by gene expression biomarkers in <i>Barbus graellsii</i> : laboratory and field studies. <i>Chemosphere</i> , 2007 , 67, 1144-54	8.4	50
155	Emerging contaminants in Brazilian rivers: Occurrence and effects on gene expression in zebrafish (<i>Danio rerio</i>) embryos. <i>Chemosphere</i> , 2018 , 209, 696-704	8.4	48

154	Analysis and dynamics of the chromosomal complements of wild sparkling-wine yeast strains. <i>Applied and Environmental Microbiology</i> , 1999 , 65, 1688-95	4.8	48
153	Distribution of antibiotic resistance genes in soils and crops. A field study in legume plants (<i>Vicia faba</i> L.) grown under different watering regimes. <i>Environmental Research</i> , 2019 , 170, 16-25	7.9	48
152	Metabolic disruption of zebrafish (<i>Danio rerio</i>) embryos by bisphenol A. An integrated metabolomic and transcriptomic approach. <i>Environmental Pollution</i> , 2017 , 231, 22-36	9.3	47
151	Assessment of chlorpyrifos toxic effects in zebrafish (<i>Danio rerio</i>) metabolism. <i>Environmental Pollution</i> , 2017 , 220, 1231-1243	9.3	46
150	Identification of water soluble and particle bound compounds causing sublethal toxic effects. A field study on sediments affected by a chlor-alkali industry. <i>Aquatic Toxicology</i> , 2009 , 94, 16-27	5.1	46
149	Daunorubicin-induced variations in gene transcription: commitment to proliferation arrest, senescence and apoptosis. <i>Biochemical Journal</i> , 2003 , 372, 703-11	3.8	46
148	Chemometric evaluation of metabolic profiles using LC-MS. <i>Metabolomics</i> , 2015 , 11, 210-224	4.7	45
147	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , 2019 , 177, 108608	7.9	45
146	Use of vitellogenin mRNA as a biomarker for endocrine disruption in feral and cultured fish. <i>Analytical and Bioanalytical Chemistry</i> , 2004 , 378, 670-5	4.4	45
145	Enhanced offspring production in <i>Daphnia magna</i> clones exposed to serotonin reuptake inhibitors and 4-nonylphenol. Stage- and food-dependent effects. <i>Aquatic Toxicology</i> , 2012 , 109, 100-10	5.1	44
144	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes INEREUS COST Action ES1403 position paper. <i>Journal of Environmental Chemical Engineering</i> , 2020 , 8, 102131	6.8	44
143	Degradation of UV filters in sewage sludge and 4-MBC in liquid medium by the ligninolytic fungus <i>Trametes versicolor</i> . <i>Journal of Environmental Management</i> , 2012 , 104, 114-20	7.9	42
142	Integrated assessment of toxic effects of maghemite (Fe ₃ O ₄) nanoparticles in zebrafish. <i>Aquatic Toxicology</i> , 2017 , 191, 219-225	5.1	41
141	Positional dependence of transcriptional inhibition by DNA torsional stress in yeast chromosomes. <i>EMBO Journal</i> , 2010 , 29, 740-8	13	41
140	A multifunctional desaturase involved in the biosynthesis of the processionary moth sex pheromone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16444-9	11.5	41
139	Linking the morphological and metabolomic response of <i>Lactuca sativa</i> L exposed to emerging contaminants using GC-MS and chemometric tools. <i>Scientific Reports</i> , 2017 , 7, 6546	4.9	40
138	Toxicity identification fractionation of environmental estrogens in waste water and sludge using gas and liquid chromatography coupled to mass spectrometry and recombinant yeast assay. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 957-68	4.4	40
137	DNA rotational positioning in a regulatory nucleosome is determined by base sequence. An algorithm to model the preferred superhelix. <i>Nucleic Acids Research</i> , 1990 , 18, 6981-7	20.1	40

136	Abcb and Abcc transporter homologs are expressed and active in larvae and adults of zebra mussel and induced by chemical stress. <i>Aquatic Toxicology</i> , 2012 , 122-123, 144-52	5.1	38
135	Differential kinetics of histone H1(0) accumulation in neuronal and glial cells from rat cerebral cortex during postnatal development. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 123, 697-702	3.4	38
134	First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2014 , 148, 139-51	5.1	37
133	Detection of hormone receptor ligands in yeast by fluorogenic methods. <i>Talanta</i> , 2006 , 69, 351-8	6.2	37
132	Changes in H1 complement in differentiating rat-brain cortical neurons. <i>FEBS Journal</i> , 1987 , 164, 71-6		37
131	Antibiotic resistance genes distribution in microbiomes from the soil-plant-fruit continuum in commercial <i>Lycopersicon esculentum</i> fields under different agricultural practices. <i>Science of the Total Environment</i> , 2019 , 652, 660-670	10.2	37
130	Acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , 2018 , 8, 7918	4.9	36
129	Knowledge integration strategies for untargeted metabolomics based on MCR-ALS analysis of CE-MS and LC-MS data. <i>Analytica Chimica Acta</i> , 2017 , 978, 10-23	6.6	35
128	Genetic variation underlying protein expression in eggs of the marine mussel <i>Mytilus edulis</i> . <i>Molecular and Cellular Proteomics</i> , 2009 , 8, 132-44	7.6	34
127	Expression and evolution of delta9 and delta11 desaturase genes in the moth <i>Spodoptera littoralis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2004 , 34, 1315-28	4.5	31
126	Blood biomarkers and contaminant levels in feathers and eggs to assess environmental hazards in heron nestlings from impacted sites in Ebro basin (NE Spain). <i>Environmental Pollution</i> , 2010 , 158, 704-10	9.3	30
125	Estrogenic activity in sediments from European mountain lakes. <i>Environmental Science & Technology</i> , 2005 , 39, 1427-35	10.3	30
124	Estrogenic potential of halogenated derivatives of nonylphenol ethoxylates and carboxylates. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 705-11	3.8	30
123	Metabolomic analysis of the effects of cadmium and copper treatment in <i>Oryza sativa</i> L. using untargeted liquid chromatography coupled to high resolution mass spectrometry and all-ion fragmentation. <i>Metallomics</i> , 2017 , 9, 660-675	4.5	29
122	Triiodothyronine-induced changes in the zebrafish transcriptome during the eleutheroembryonic stage: implications for bisphenol A developmental toxicity. <i>Aquatic Toxicology</i> , 2012 , 110-111, 114-22	5.1	29
121	Differential embryotoxicity of the organic pollutants in rural and urban air particles. <i>Environmental Pollution</i> , 2015 , 206, 535-42	9.3	28
120	Detection of estrogenic activity from kraft mill effluents by the yeast estrogen screen. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010 , 84, 165-9	2.7	28
119	Chemical characterization of organic microcontaminant sources and biological effects in riverine sediments impacted by urban sewage and pulp mill discharges. <i>Chemosphere</i> , 2013 , 90, 611-9	8.4	27

118	Analysis of micronucleated erythrocytes in heron nestlings from reference and impacted sites in the Ebro basin (N.E. Spain). <i>Environmental Pollution</i> , 2008 , 155, 81-7	9.3	27
117	Transcriptional control by steroid hormones. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 41, 241-8	5.1	27
116	(1)H NMR metabolomic study of auxotrophic starvation in yeast using Multivariate Curve Resolution-Alternating Least Squares for Pathway Analysis. <i>Scientific Reports</i> , 2016 , 6, 30982	4.9	26
115	Toxicity of atmospheric particle-bound PAHs: an environmental perspective. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 11623-33	5.1	26
114	Differential acetylation of core histones in rat cerebral cortex neurons during development and aging. <i>FEBS Journal</i> , 1988 , 174, 311-5		26
113	LC-MS based metabolomics and chemometrics study of the toxic effects of copper on <i>Saccharomyces cerevisiae</i> . <i>Metallomics</i> , 2016 , 8, 790-8	4.5	24
112	Seasonal variations of gene expression biomarkers in <i>Mytilus galloprovincialis</i> cultured populations: temperature, oxidative stress and reproductive cycle as major modulators. <i>Science of the Total Environment</i> , 2014 , 499, 363-72	10.2	24
111	Biosynthesis of 10,12-dienoic fatty acids by a bifunctional Delta11 desaturase in <i>Spodoptera littoralis</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2006 , 36, 634-41	4.5	24
110	Structural and functional heterogeneity of Rap1p complexes with telomeric and UASrpg-like DNA sequences. <i>Journal of Molecular Biology</i> , 1998 , 284, 925-35	6.5	24
109	Monitoring of endocrine disruptors in surface waters by the yeast recombinant assay. <i>Environmental Toxicology and Chemistry</i> , 2001 , 20, 1152-8	3.8	24
108	Unravelling the mechanisms of PFOS toxicity by combining morphological and transcriptomic analyses in zebrafish embryos. <i>Science of the Total Environment</i> , 2019 , 674, 462-471	10.2	23
107	Relevant aspects of unmixing/resolution analysis for the interpretation of biological vibrational hyperspectral images. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 94, 130-140	14.6	23
106	Evaluation of the suitability of recombinant yeast-based estrogenicity assays as a pre-screening tool in environmental samples. <i>Environment International</i> , 2010 , 36, 361-367	12.9	23
105	Evaluation of environmental impact on natural populations of the Mediterranean killifish <i>Aphanius fasciatus</i> by quantitative RNA biomarkers. <i>Marine Environmental Research</i> , 2010 , 70, 327-33	3.3	23
104	Application of multivariate curve resolution to the analysis of yeast genome-wide screens. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010 , 104, 53-64	3.8	23
103	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). <i>Chemosphere</i> , 2008 , 71, 1156-61	8.4	23
102	Genetic analysis of the karyotype instability in natural wine yeast strains. <i>Yeast</i> , 2001 , 18, 1457-70	3.4	23
101	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016 , 545-546, 163-70	10.2	22

100	Combination of CE-MS and advanced chemometric methods for high-throughput metabolic profiling. <i>Electrophoresis</i> , 2015 , 36, 2324-2335	3.6	22
99	Retinoic acid receptors expression and function during zebrafish early development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013 , 138, 143-51	5.1	22
98	Integrated biological and chemical analysis of organochlorine compound pollution and of its biological effects in a riverine system downstream the discharge point. <i>Science of the Total Environment</i> , 2010 , 408, 5592-9	10.2	22
97	Physiological response to persistent organic pollutants in fish from mountain lakes: analysis of CYP1A gene expression in natural populations of <i>Salmo trutta</i> . <i>Environmental Science & Technology</i> , 2007 , 41, 5154-60	10.3	22
96	Structural characterization of chromosome I size variants from a natural yeast strain. <i>Yeast</i> , 2003 , 20, 171-83	3.4	22
95	Comprehensive characterization of neurochemicals in three zebrafish chemical models of human acute organophosphorus poisoning using liquid chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 1735-1748	4.4	21
94	Dysregulation of photosynthetic genes in oceanic <i>Prochlorococcus</i> populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017 , 7, 8029	4.9	21
93	Effect of (D)-fagomine on excreted Enterobacteria and weight gain in rats fed a high-fat high-sucrose diet. <i>Obesity</i> , 2014 , 22, 976-9	8	21
92	Occurrence and human health risk assessment of antibiotics and their metabolites in vegetables grown in field-scale agricultural systems. <i>Journal of Hazardous Materials</i> , 2021 , 401, 123424	12.8	21
91	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018 , 243, 988-997	9.3	21
90	Microbial responses to anthropogenic dissolved organic carbon in the Arctic and Antarctic coastal seawaters. <i>Environmental Microbiology</i> , 2019 , 21, 1466-1481	5.2	20
89	A quantitative ¹ H NMR approach for evaluating the metabolic response of <i>Saccharomyces cerevisiae</i> to mild heat stress. <i>Metabolomics</i> , 2015 , 11, 1612-1625	4.7	19
88	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2018 , 8, 1518	4.9	19
87	Transcriptomic response of zebrafish embryos to polyaminoamine (PAMAM) dendrimers. <i>Nanotoxicology</i> , 2014 , 8 Suppl 1, 92-9	5.3	19
86	Estrogenic effects of nonylphenol and octylphenol isomers in vitro by recombinant yeast assay (RYA) and in vivo with early life stages of zebrafish. <i>Science of the Total Environment</i> , 2014 , 466-467, 1-10	10.2	19
85	Origin and distribution of polycyclic aromatic hydrocarbon pollution in sediment and fish from the biosphere reserve of Urdaibai (Bay of Biscay, Basque country, Spain). <i>Marine Environmental Research</i> , 2010 , 70, 142-9	3.3	19
84	Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish eleutheroembryos. <i>Aquatic Toxicology</i> , 2019 , 214, 105232	5.1	18
83	Effects on growth and biochemical responses in juvenile gilthead seabream <i>Sparus aurata</i> after long-term dietary exposure to low levels of dioxins. <i>Chemosphere</i> , 2008 , 73, S303-10	8.4	18

82	Effects of prescription antibiotics on soil- and root-associated microbiomes and resistomes in an agricultural context. <i>Journal of Hazardous Materials</i> , 2020 , 400, 123208	12.8	17
81	Mechanisms of Action of Compounds That Enhance Storage Lipid Accumulation in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2016 , 50, 13565-13573	10.3	17
80	Modulation of aryl hydrocarbon receptor transactivation by carbaryl, a nonconventional ligand. <i>FEBS Journal</i> , 2007 , 274, 3327-39	5.7	17
79	Changes in the proportions of histone H1 subtypes in brain cortical neurons. <i>FEBS Letters</i> , 1987 , 210, 161-4	3.8	17
78	Developmental effects of aerosols and coal burning particles in zebrafish embryos. <i>Environmental Pollution</i> , 2013 , 178, 72-9	9.3	16
77	Background fish feminization effects in European remote sites. <i>Scientific Reports</i> , 2015 , 5, 11292	4.9	16
76	Assessment of dioxin-like activity in ambient air particulate matter using recombinant yeast assays. <i>Atmospheric Environment</i> , 2011 , 45, 271-274	5.3	16
75	Functional divergence between the half-sites of the DNA-binding sequence for the yeast transcriptional regulator Rap1p. <i>Biochemical Journal</i> , 1999 , 341, 477-482	3.8	16
74	Screening anti-predator behaviour in fish larvae exposed to environmental pollutants. <i>Science of the Total Environment</i> , 2020 , 714, 136759	10.2	15
73	Differential gene transcription across the life cycle in <i>Daphnia magna</i> using a new all genome custom-made microarray. <i>BMC Genomics</i> , 2018 , 19, 370	4.5	14
72	The combined use of the PLHC-1 cell line and the recombinant yeast assay to assess the environmental quality of estuarine and coastal sediments. <i>Marine Pollution Bulletin</i> , 2013 , 77, 282-9	6.7	14
71	Advanced UV/H ₂ O ₂ oxidation of deca-bromo diphenyl ether in sediments. <i>Science of the Total Environment</i> , 2014 , 479-480, 17-20	10.2	14
70	A zebrafish scale assay to monitor dioxin-like activity in surface water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 401, 1861-9	4.4	14
69	Differential expression of thiamine biosynthetic genes in yeast strains with high and low production of hydrogen sulfide during wine fermentation. <i>Journal of Applied Microbiology</i> , 2010 , 109, 272-81	4.7	14
68	Altitudinal and thermal gradients of hepatic Cyp1A gene expression in natural populations of <i>Salmo trutta</i> from high mountain lakes and their correlation with organohalogen loads. <i>Environmental Pollution</i> , 2010 , 158, 1392-8	9.3	14
67	A noninvasive test of exposition to toxicants: quantitative analysis of cytochrome P4501A expression in fish scales. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2179-86	3.8	14
66	Karyotype rearrangements in a wine yeast strain by rad52-dependent and rad52-independent mechanisms. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 2161-5	4.8	14
65	Changes in lipid profiles induced by bisphenol A (BPA) in zebrafish eleutheroembryos during the yolk sac absorption stage. <i>Chemosphere</i> , 2020 , 246, 125704	8.4	13

64	Application of bioassay panel for assessing the impact of advanced oxidation processes on the treatment of reverse osmosis brine. <i>Journal of Chemical Technology and Biotechnology</i> , 2014 , 89, 1168-1174	3.5	12
63	Transcriptomic seasonal variations in a natural population of zebra mussel (<i>Dreissena polymorpha</i>). <i>Science of the Total Environment</i> , 2013 , 454-455, 482-9	10.2	12
62	Development of RNR3- and RAD54-GUS reporters for testing genotoxicity in <i>Saccharomyces cerevisiae</i> . <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 386, 1625-32	4.4	12
61	Estrogenic activity associated with organochlorine compounds in fish extracts from European mountain lakes. <i>Environmental Pollution</i> , 2007 , 145, 745-52	9.3	12
60	Alternative mechanisms of transcriptional activation by Rap1p. <i>Journal of Biological Chemistry</i> , 2001 , 276, 26090-8	5.4	12
59	Comparative analysis of H NMR and H-C HSQC NMR metabolomics to understand the effects of medium composition in yeast growth. <i>Analytical Chemistry</i> , 2018 , 90, 12422-12430	7.8	12
58	Transcriptomic effects of tributyltin (TBT) in zebrafish eleutheroembryos. A functional benchmark dose analysis. <i>Journal of Hazardous Materials</i> , 2020 , 398, 122881	12.8	11
57	Deciphering the Underlying Metabolomic and Lipidomic Patterns Linked to Thermal Acclimation in <i>Saccharomyces cerevisiae</i> . <i>Journal of Proteome Research</i> , 2018 , 17, 2034-2044	5.6	11
56	Assessing the environmental quality of sediments from Split coastal area (Croatia) with a battery of cell-based bioassays. <i>Science of the Total Environment</i> , 2018 , 624, 1640-1648	10.2	11
55	Promoter-specific inhibition of transcription by daunorubicin in <i>Saccharomyces cerevisiae</i> . <i>Biochemical Journal</i> , 2002 , 368, 131-6	3.8	11
54	Presence and fate of micropollutants during anaerobic digestion of sewage and their implications for the circular economy: A short review. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 104931	6.8	11
53	Integrated environmental risk assessment of chemical pollution in a Mediterranean floodplain by combining chemical and biological methods. <i>Science of the Total Environment</i> , 2017 , 583, 248-256	10.2	10
52	Time-dependent transcriptomic responses of <i>Daphnia magna</i> exposed to metabolic disruptors that enhanced storage lipid accumulation. <i>Environmental Pollution</i> , 2019 , 249, 99-108	9.3	10
51	Tryptophan hydroxylase (TRH) loss of function mutations in <i>Daphnia</i> deregulated growth, energetic, serotonergic and arachidonic acid metabolic signalling pathways. <i>Scientific Reports</i> , 2019 , 9, 3693	4.9	10
50	Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. <i>Scientific Reports</i> , 2018 , 8, 4844	4.9	10
49	Evaluation of antibiotic mobility in soil associated with swine-slurry soil amendment under cropping conditions. <i>Environmental Science and Pollution Research</i> , 2014 , 21, 12336-44	5.1	10
48	Genetic and phenotypic differentiation of zebra mussel populations colonizing Spanish river basins. <i>Ecotoxicology</i> , 2013 , 22, 915-28	2.9	10
47	Selective inhibition of yeast regulons by daunorubicin: a transcriptome-wide analysis. <i>BMC Genomics</i> , 2008 , 9, 358	4.5	10

46	Toxic potential of organic constituents of submicron particulate matter (PM1) in an urban road site (Barcelona). <i>Environmental Science and Pollution Research</i> , 2017 , 24, 15406-15415	5.1	9
45	Effects of Single and Combined Low Concentrations of Neuroactive Drugs on Reproduction and Transcriptomic Responses. <i>Environmental Science & Technology</i> , 2019 , 53, 11979-11987	10.3	9
44	Acute and long-term metabolic consequences of early developmental Bisphenol A exposure in zebrafish (Danio rerio). <i>Chemosphere</i> , 2020 , 256, 127080	8.4	9
43	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. <i>Scientific Reports</i> , 2020 , 10, 312	4.9	9
42	Toxicological Analysis of Acid Mine Drainage by Water Quality and Land Use Bioassays. <i>Mine Water and the Environment</i> , 2018 , 37, 88-97	2.4	9
41	Fluorescent properties of histone-1-anilinonaphthalene 8-sulfonate complexes in the presence of denaturant agents: application to the rapid staining of histones in urea and Triton-urea-polyacrylamide gels. <i>Analytical Biochemistry</i> , 1985 , 146, 431-3	3.1	9
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