

Benjamin Piñón

List of Publications by Year in descending order

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Version: 2024-02-01

192
papers

7,731
citations

38660

50
h-index

71532

76
g-index

197
all docs

197
docs citations

197
times ranked

8533
citing authors

#	ARTICLE	IF	CITATIONS
1	Risks associated with the circular economy: Treated sewage reuse in agriculture. , 2022, , 37-48.		2
2	Implications of the use of organic fertilizers for antibiotic resistance gene distribution in agricultural soils and fresh food products. A plot-scale study. Science of the Total Environment, 2022, 815, 151973.	3.9	11
3	Impact of organic soil amendments in antibiotic levels, antibiotic resistance gene loads, and microbiome composition in corn fields and crops. Environmental Research, 2022, 214, 113760.	3.7	7
4	Occurrence and human health risk assessment of antibiotics and their metabolites in vegetables grown in field-scale agricultural systems. Journal of Hazardous Materials, 2021, 401, 123424.	6.5	59
5	Presence and fate of micropollutants during anaerobic digestion of sewage and their implications for the circular economy: A short review. Journal of Environmental Chemical Engineering, 2021, 9, 104931.	3.3	33
6	Antibiotic and antibiotic-resistant gene loads in swine slurries and their digestates: Implications for their use as fertilizers in agriculture. Environmental Research, 2021, 194, 110513.	3.7	12
7	Compounds of emerging concern as new plant stressors linked to water reuse and biosolid application in agriculture. Journal of Environmental Chemical Engineering, 2021, 9, 105198.	3.3	14
8	Antibiotic resistance dissemination in wastewater treatment plants: a challenge for the reuse of treated wastewater in agriculture. Reviews in Environmental Science and Biotechnology, 2021, 20, 1043-1072.	3.9	24
9	Daphnia magna Gut-specific Transcriptomic Responses to Feeding Inhibiting Chemicals and Food Limitation. Environmental Toxicology and Chemistry, 2021, 40, 2510-2520.	2.2	2
10	Minimization of Environmental Impact of Kraft Pulp Mill Effluents: Current Practices and Future Perspectives towards Sustainability. Sustainability, 2021, 13, 9288.	1.6	5
11	On the contribution of reclaimed wastewater irrigation to the potential exposure of humans to antibiotics, antibiotic resistant bacteria and antibiotic resistance genes " NEREUS COST Action ES1403 position paper. Journal of Environmental Chemical Engineering, 2020, 8, 102131.	3.3	68
12	Changes in lipid profiles induced by bisphenol A (BPA) in zebrafish eleutheroembryos during the yolk sac absorption stage. Chemosphere, 2020, 246, 125704.	4.2	28
13	Large Enrichment of Anthropogenic Organic Matter Degrading Bacteria in the Sea-Surface Microlayer at Coastal Livingston Island (Antarctica). Frontiers in Microbiology, 2020, 11, 571983.	1.5	14
14	Data Processing for RNA/DNA Sequencing. , 2020, , 507-514.		0
15	Changes in lipid profiles in Daphnia magna individuals exposed to low environmental levels of neuroactive pharmaceuticals. Science of the Total Environment, 2020, 733, 139029.	3.9	15
16	Transcriptomic effects of tributyltin (TBT) in zebrafish eleutheroembryos. A functional benchmark dose analysis. Journal of Hazardous Materials, 2020, 398, 122881.	6.5	30
17	Acute and long-term metabolic consequences of early developmental Bisphenol A exposure in zebrafish (Danio rerio). Chemosphere, 2020, 256, 127080.	4.2	18
18	Effects of prescription antibiotics on soil- and root-associated microbiomes and resistomes in an agricultural context. Journal of Hazardous Materials, 2020, 400, 123208.	6.5	36

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19	MCR-ALS analysis of 1H NMR spectra by segments to study the zebrafish exposure to acrylamide. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5695-5706.	1.9	10
20	Screening anti-predator behaviour in fish larvae exposed to environmental pollutants. <i>Science of the Total Environment</i> , 2020, 714, 136759.	3.9	27
21	Targeting redox metabolism: the perfect storm induced by acrylamide poisoning in the brain. <i>Scientific Reports</i> , 2020, 10, 312.	1.6	14
22	Antibiotic resistance gene distribution in agricultural fields and crops. A soil-to-food analysis. <i>Environmental Research</i> , 2019, 177, 108608.	3.7	84
23	Ecotoxicology, Genetic. , 2019, , .		0
24	Effects of Single and Combined Low Concentrations of Neuroactive Drugs on <i>Daphnia magna</i> Reproduction and Transcriptomic Responses. <i>Environmental Science & Technology</i> , 2019, 53, 11979-11987.	4.6	16
25	Multiomic Analysis of Zebrafish Models of Acute Organophosphorus Poisoning With Different Severity. <i>Toxicological Sciences</i> , 2019, 171, 211-220.	1.4	4
26	Morphometric signatures of exposure to endocrine disrupting chemicals in zebrafish eleutheroembryos. <i>Aquatic Toxicology</i> , 2019, 214, 105232.	1.9	28
27	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.	3.9	51
28	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.	3.7	17
29	Microbial responses to anthropogenic dissolved organic carbon in the Arctic and Antarctic coastal seawaters. <i>Environmental Microbiology</i> , 2019, 21, 1466-1481.	1.8	28
30	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.	1.6	13
31	Ranking of crop plants according to their potential to uptake and accumulate contaminants of emerging concern. <i>Environmental Research</i> , 2019, 170, 422-432.	3.7	127
32	Distribution of antibiotic resistance genes in soils and crops. A field study in legume plants (<i>Vicia faba</i>) Tj ETQq0 0 Q rgBT /Overlock 10 T	3.7	87
33	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.	3.9	65
34	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.	3.9	97
35	Tryptophan hydroxylase (TRH) loss of function mutations induce growth and behavioral defects in <i>Daphnia magna</i> . <i>Scientific Reports</i> , 2018, 8, 1518.	1.6	32
36	Compression of multidimensional NMR spectra allows a faster and more accurate analysis of complex samples. <i>Chemical Communications</i> , 2018, 54, 3090-3093.	2.2	17

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37	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.	1.9	28
38	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.	1.8	14
39	Analysis of the neurotoxic effects of neuropathic organophosphorus compounds in adult zebrafish. <i>Scientific Reports</i> , 2018, 8, 4844.	1.6	11
40	Toxicological Analysis of Acid Mine Drainage by Water Quality and Land Use Bioassays. <i>Mine Water and the Environment</i> , 2018, 37, 88-97.	0.9	14
41	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.	3.9	18
42	Dysregulatory effects of retinoic acid isomers in late zebrafish embryos. <i>Environmental Science and Pollution Research</i> , 2018, 25, 3849-3859.	2.7	4
43	Combining hyperspectral imaging and chemometrics to assess and interpret the effects of environmental stressors on zebrafish eye images at tissue level. <i>Journal of Biophotonics</i> , 2018, 11, e201700089.	1.1	8
44	Functional Data Analysis: Omics for Environmental Risk Assessment. <i>Comprehensive Analytical Chemistry</i> , 2018, , 583-611.	0.7	4
45	Comparative analysis of ¹ H NMR and ¹ H- ¹³ C HSQC NMR metabolomics to understand the effects of medium composition in yeast growth. <i>Analytical Chemistry</i> , 2018, 90, 12422-12430.	3.2	16
46	Dose-dependent transcriptomic responses of zebrafish eleutheroembryos to Bisphenol A. <i>Environmental Pollution</i> , 2018, 243, 988-997.	3.7	30
47	Acrylamide acute neurotoxicity in adult zebrafish. <i>Scientific Reports</i> , 2018, 8, 7918.	1.6	62
48	Metabolomic changes induced by nicotine in adult zebrafish skeletal muscle. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 388-397.	2.9	13
49	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.	1.2	21
50	Omics in Zebrafish Teratogenesis. <i>Methods in Molecular Biology</i> , 2018, 1797, 421-441.	0.4	7
51	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.	4.2	80
52	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.	3.9	14
53	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.	1.0	43
54	Toxic potential of organic constituents of submicron particulate matter (PM ₁) in an urban road site (Barcelona). <i>Environmental Science and Pollution Research</i> , 2017, 24, 15406-15415.	2.7	10

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55	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.	2.6	49
56	Dysregulation of photosynthetic genes in oceanic <i>Prochlorococcus</i> populations exposed to organic pollutants. <i>Scientific Reports</i> , 2017, 7, 8029.	1.6	27
57	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.	5.8	32
58	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.	1.6	61
59	Integrated assessment of toxic effects of maghemite (Fe_3O_4) nanoparticles in zebrafish. <i>Aquatic Toxicology</i> , 2017, 191, 219-225.	1.9	56
60	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.	3.7	65
61	Assessment of chlorpyrifos toxic effects in zebrafish (<i>Danio rerio</i>) metabolism. <i>Environmental Pollution</i> , 2017, 220, 1231-1243.	3.7	50
62	High atmosphere-ocean exchange of semivolatile aromatic hydrocarbons. <i>Nature Geoscience</i> , 2016, 9, 438-442.	5.4	116
63	Detoxification of sewage sludge by natural attenuation and implications for its use as a fertilizer on agricultural soils. <i>Science of the Total Environment</i> , 2016, 572, 978-985.	3.9	9
64	Mechanisms of Action of Compounds That Enhance Storage Lipid Accumulation in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2016, 50, 13565-13573.	4.6	23
65	Sublethal Effects of Chlorine-Free Kraft Mill Effluents on <i>Daphnia magna</i> . <i>Bulletin of Environmental Contamination and Toxicology</i> , 2016, 97, 843-847.	1.3	8
66	^1H 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.	1.6	31
67	LC-MS based metabolomics and chemometrics study of the toxic effects of copper on <i>Saccharomyces cerevisiae</i> . <i>Metallomics</i> , 2016, 8, 790-798.	1.0	42
68	Toxicity assessment of atmospheric particulate matter in the Mediterranean and Black Seas open waters. <i>Science of the Total Environment</i> , 2016, 545-546, 163-170.	3.9	26
69	Ecological relevance of biomarkers in monitoring studies of macro-invertebrates and fish in Mediterranean rivers. <i>Science of the Total Environment</i> , 2016, 540, 307-323.	3.9	127
70	Endocrine Disruption in the Omics Era: New Views, New Hazards, New Approaches. <i>Open Biotechnology Journal</i> , 2016, 10, 20-35.	0.6	10
71	Background fish feminization effects in European remote sites. <i>Scientific Reports</i> , 2015, 5, 11292.	1.6	23
72	Combination of CE-MS and advanced chemometric methods for high-throughput metabolic profiling. <i>Electrophoresis</i> , 2015, 36, 2324-2335.	1.3	23

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73	Obesogens beyond Vertebrates: Lipid Perturbation by Tributyltin in the Crustacean <i>Daphnia magna</i> . <i>Environmental Health Perspectives</i> , 2015, 123, 813-819.	2.8	88
74	Reviewing Biological Indices and Biomarkers Suitability to Analyze Human Impacts. Emergent Tools to Analyze Biological Status in Rivers. <i>Handbook of Environmental Chemistry</i> , 2015, , 249-268.	0.2	0
75	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.	1.4	25
76	qRT-PCR evaluation of the transcriptional response of zebra mussel to heavy metals. <i>BMC Genomics</i> , 2015, 16, 354.	1.2	8
77	Differential embryotoxicity of the organic pollutants in rural and urban air particles. <i>Environmental Pollution</i> , 2015, 206, 535-542.	3.7	33
78	Chemometric evaluation of <i>Saccharomyces cerevisiae</i> metabolic profiles using LC-MS. <i>Metabolomics</i> , 2015, 11, 210-224.	1.4	49
79	Clade-Specific Quantitative Analysis of Photosynthetic Gene Expression in <i>Prochlorococcus</i> . <i>PLoS ONE</i> , 2015, 10, e0133207.	1.1	5
80	Endocrine Disruption in the Omics Era: New Views, New Hazards, New Approaches. <i>Open Biotechnology Journal</i> , 2015, 9, .	0.6	1
81	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, 363-372.	3.9	28
82	Effect of d-lysine on excreted enterobacteria and weight gain in rats fed a high-fat high-sucrose diet. <i>Obesity</i> , 2014, 22, 976-979.	1.5	23
83	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.	3.9	15
84	First evidence for toxic defense based on the multixenobiotic resistance (MXR) mechanism in <i>Daphnia magna</i> . <i>Aquatic Toxicology</i> , 2014, 148, 139-151.	1.9	47
85	Toxic assessment of urban atmospheric particle-bound PAHs: Relevance of composition and particle size in Barcelona (Spain). <i>Environmental Pollution</i> , 2014, 184, 555-562.	3.7	64
86	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, 1272-1280.	3.9	117
87	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.	1.6	14
88	Deiodinases and thyroid metabolism disruption in teleost fish. <i>Environmental Research</i> , 2014, 135, 361-375.	3.7	64
89	Transcriptomic response of zebrafish embryos to polyaminoamine (PAMAM) dendrimers. <i>Nanotoxicology</i> , 2014, 8, 92-99.	1.6	22
90	Toxicity of atmospheric particle-bound PAHs: an environmental perspective. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11623-11633.	2.7	33

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91	Evaluation of antibiotic mobility in soil associated with swine-slurry soil amendment under cropping conditions. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12336-12344.	2.7	14
92	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.	3.9	21
93	<i>In vivo</i> zebrafish assays for analyzing drug toxicity. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2014, 10, 685-697.	1.5	76
94	Analysis of hepatic deiodinase 2 mRNA levels in natural fish lake populations exposed to different levels of putative thyroid disrupters. <i>Environmental Pollution</i> , 2014, 187, 210-213.	3.7	8
95	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, 9434-9443.	4.6	66
96	Genetic and phenotypic differentiation of zebra mussel populations colonizing Spanish river basins. <i>Ecotoxicology</i> , 2013, 22, 915-928.	1.1	11
97	Transcriptomic seasonal variations in a natural population of zebra mussel (<i>Dreissena polymorpha</i>). <i>Science of the Total Environment</i> , 2013, 454-455, 482-489.	3.9	13
98	Analysis of aryl hydrocarbon receptor ligands in kraft mill effluents by a combination of yeast bioassays and CG-MS chemical determinations. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 145-151.	0.9	9
99	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, 611-619.	4.2	32
100	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, 282-289.	2.3	18
101	Developmental effects of aerosols and coal burning particles in zebrafish embryos. <i>Environmental Pollution</i> , 2013, 178, 72-79.	3.7	19
102	Retinoic acid receptors™ expression and function during zebrafish early development. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 143-151.	1.2	24
103	Deciphering Emerging Toxicological Effects of Pharmaceuticals on Aquatic Organisms by Using <i>Daphnia magna</i> and <i>Danio rerio</i> as Model Organisms. <i>Comprehensive Analytical Chemistry</i> , 2013, 62, 611-647.	0.7	7
104	Integration of on-line and off-line methodologies for the assessment of river water quality. <i>Water Science and Technology: Water Supply</i> , 2013, 13, 1340-1347.	1.0	2
105	Topoisomerase II is required for the production of long Pol II gene transcripts in yeast. <i>Nucleic Acids Research</i> , 2012, 40, 7907-7915.	6.5	73
106	Mechanisms of Action of Selective Serotonin Reuptake Inhibitors in <i>Daphnia magna</i> . <i>Environmental Science & Technology</i> , 2012, 46, 2943-2950.	4.6	75
107	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, 100-110.	1.9	57
108	Triiodothyronine-induced changes in the zebrafish transcriptome during the eleutheroembryonic stage: Implications for bisphenol A developmental toxicity. <i>Aquatic Toxicology</i> , 2012, 110-111, 114-122.	1.9	33

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109	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, 144-152.	1.9	39
110	Structural and molecular analysis of pollution-linked deformities in a natural <i>Aphanius fasciatus</i> (Valenciennes, 1821) population from the Tunisian coast. <i>Journal of Environmental Monitoring</i> , 2012, 14, 2254.	2.1	8
111	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, 355-363.	3.9	105
112	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, 114-120.	3.8	55
113	Assessment of reproductive stress in natural populations of the fish <i>Aphanius fasciatus</i> using quantitative mRNA markers. <i>Aquatic Biology</i> , 2012, 17, 285-293.	0.5	7
114	Zebrafish as a Vertebrate Model to Assess Sublethal Effects and Health Risks of Emerging Pollutants. <i>Handbook of Environmental Chemistry</i> , 2011, , 395-414.	0.2	0
115	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.	1.9	72
116	A genomic and ecotoxicological perspective of DNA array studies in aquatic environmental risk assessment. <i>Aquatic Toxicology</i> , 2011, 105, 40-49.	1.9	67
117	Transcriptional response of stress genes to metal exposure in zebra mussel larvae and adults. <i>Environmental Pollution</i> , 2011, 159, 100-107.	3.7	72
118	Assessment of dioxin-like activity in ambient air particulate matter using recombinant yeast assays. <i>Atmospheric Environment</i> , 2011, 45, 271-274.	1.9	16
119	Decontamination trends in the aquacultured fish gilthead seabream (<i>Sparus aurata</i>) after feeding long-term a PCDD/F spiked feed. <i>Chemosphere</i> , 2011, 82, 64-71.	4.2	3
120	A zebrafish scale assay to monitor dioxin-like activity in surface water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1861-1869.	1.9	16
121	Detection of Estrogenic Activity from Kraft Mill Effluents by the Yeast Estrogen Screen. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2010, 84, 165-169.	1.3	34
122	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, 327-333.	1.1	26
123	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, 5592-5599.	3.9	22
124	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, 704-710.	3.7	35
125	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, 1392-1398.	3.7	14
126	Application of multivariate curve resolution to the analysis of yeast genome-wide screens. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2010, 104, 53-64.	1.8	25

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127	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, 272-281.	1.4	24
128	Positional dependence of transcriptional inhibition by DNA torsional stress in yeast chromosomes. <i>EMBO Journal</i> , 2010, 29, 740-748.	3.5	49
129	Biological Effects of Chemical Pollution in Feral Fish and Shellfish Populations from Ebro River: From Molecular to Individual Level Responses. <i>Handbook of Environmental Chemistry</i> , 2010, , 275-293.	0.2	0
130	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, 142-149.	1.1	20
131	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.	4.8	24
132	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, 957-968.	1.9	47
133	Biological activity of aryl hydrocarbon receptor ligands in sediments from remote European lakes. <i>Freshwater Biology</i> , 2009, 54, 2543-2554.	1.2	8
134	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, 150-157.	1.9	67
135	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.	1.9	49
136	Genetic Variation Underlying Protein Expression in Eggs of the Marine Mussel <i>Mytilus edulis</i> . <i>Molecular and Cellular Proteomics</i> , 2009, 8, 132-144.	2.5	34
137	Recombinant Yeast Assays and Gene Expression Assays for the Analysis of Endocrine Disruption. <i>Handbook of Environmental Chemistry</i> , 2009, , 69-113.	0.2	1
138	Selective inhibition of yeast regulons by daunorubicin: A transcriptome-wide analysis. <i>BMC Genomics</i> , 2008, 9, 358.	1.2	10
139	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, 81-87.	3.7	30
140	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.	1.0	132
141	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, 445-452.	4.2	126
142	Distribution and biological impact of dioxin-like compounds in risk zones along the Ebro River basin (Spain). <i>Chemosphere</i> , 2008, 71, 1156-1161.	4.2	27
143	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-S310.	4.2	21
144	Genomewide Expression Profiling of Cryptolepine-Induced Toxicity in <i>Saccharomyces cerevisiae</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2008, 52, 3844-3850.	1.4	8

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145	A multifunctional desaturase involved in the biosynthesis of the processionary moth sex pheromone. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16444-16449.	3.3	46
146	Estrogenic activity associated with organochlorine compounds in fish extracts from European mountain lakes. Environmental Pollution, 2007, 145, 745-752.	3.7	16
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