

# Manuel Eloy Ortiz Santaliestra

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

1,877  
citations

218677

26  
h-index

289244

40  
g-index

60  
all docs

60  
docs citations

60  
times ranked

2256  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental exposure of red-legged partridges ( <i>Alectoris rufa</i> ) to seeds coated with imidacloprid, thiram and difenoconazole. <i>Ecotoxicology</i> , 2013, 22, 125-138.	2.4	130
2	Imidacloprid-treated seed ingestion has lethal effect on adult partridges and reduces both breeding investment and offspring immunity. <i>Environmental Research</i> , 2015, 136, 97-107.	7.5	127
3	Toward sustainable environmental quality: Priority research questions for Europe. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 2281-2295.	4.3	98
4	INFLUENCE OF DEVELOPMENTAL STAGE ON SENSITIVITY TO AMMONIUM NITRATE OF AQUATIC STAGES OF AMPHIBIANS. <i>Environmental Toxicology and Chemistry</i> , 2006, 25, 105.	4.3	67
5	Impact of Ammonium Nitrate on Growth and Survival of Six European Amphibians. <i>Archives of Environmental Contamination and Toxicology</i> , 2004, 47, 234-9.	4.1	65
6	The pond network: can structural connectivity reflect on (amphibian) biodiversity patterns?. <i>Landscape Ecology</i> , 2011, 26, 673-682.	4.2	64
7	Risk assessment of pesticide seed treatment for farmland birds using refined field data. <i>Journal of Applied Ecology</i> , 2016, 53, 1373-1381.	4.0	59
8	<i>Saprolegnia diclina</i> : another species responsible for the emergent disease <i>Saprolegnia</i> infections in amphibians. <i>FEMS Microbiology Letters</i> , 2008, 279, 23-29.	1.8	58
9	Reducing Pb poisoning in birds and Pb exposure in game meat consumers: The dual benefit of effective Pb shot regulation. <i>Environment International</i> , 2014, 63, 163-168.	10.0	49
10	Immunotoxic effects of lead on birds. <i>Science of the Total Environment</i> , 2019, 689, 505-515.	8.0	49
11	Alteration of Larval Development and Metamorphosis by Nitrate and Perchlorate in Southern Leopard Frogs ( <i>Rana sphenoccephala</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , 2007, 53, 639-646.	4.1	47
12	Experimental approaches to test pesticide-treated seed avoidance by birds under a simulated diversification of food sources. <i>Science of the Total Environment</i> , 2014, 496, 179-187.	8.0	47
13	Plasma levels of pollutants are much higher in loggerhead turtle populations from the Adriatic Sea than in those from open waters (Eastern Atlantic Ocean). <i>Science of the Total Environment</i> , 2015, 523, 161-169.	8.0	46
14	Adverse effects of thiram-treated seed ingestion on the reproductive performance and the offspring immune function of the red-legged partridge. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1320-1329.	4.3	45
15	Assessing the Risk of Fipronil-Treated Seed Ingestion and Associated Adverse Effects in the Red-Legged Partridge. <i>Environmental Science &amp; Technology</i> , 2015, 49, 13649-13657.	10.0	45
16	Effects of Lead Exposure on Sperm Quality and Reproductive Success in an Avian Model. <i>Environmental Science &amp; Technology</i> , 2016, 50, 12484-12492.	10.0	45
17	Levels of organochlorine pesticides and polychlorinated biphenyls in the critically endangered Iberian lynx and other sympatric carnivores in Spain. <i>Chemosphere</i> , 2012, 86, 691-700.	8.2	39
18	Sublethal Pb Exposure Produces Season-Dependent Effects on Immune Response, Oxidative Balance and Investment in Carotenoid-based Coloration in Red-Legged Partridges. <i>Environmental Science &amp; Technology</i> , 2015, 49, 3839-3850.	10.0	39

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19	Altered immune response in mallard ducklings exposed to lead through maternal transfer in the wild. <i>Environmental Pollution</i> , 2015, 205, 350-356.	7.5	38
20	Pollutant accumulation patterns in nestlings of an avian top predator: biochemical and metabolic effects. <i>Science of the Total Environment</i> , 2015, 538, 692-702.	8.0	35
21	Validity of fish, birds and mammals as surrogates for amphibians and reptiles in pesticide toxicity assessment. <i>Ecotoxicology</i> , 2018, 27, 819-833.	2.4	35
22	Scientific Opinion on the state of the science on pesticide risk assessment for amphibians and reptiles. <i>EFSA Journal</i> , 2018, 16, e05125.	1.8	35
23	Ambient Ultraviolet B Radiation and Prevalence of Infection by <i>Batrachochytrium dendrobatidis</i> in Two Amphibian Species. <i>Conservation Biology</i> , 2011, 25, 975-982.	4.7	31
24	Brood size is reduced by half in birds feeding on flutriafol-treated seeds below the recommended application rate. <i>Environmental Pollution</i> , 2018, 243, 418-426.	7.5	29
25	Integrating active and passive monitoring to assess sublethal effects and mortality from lead poisoning in birds of prey. <i>Science of the Total Environment</i> , 2021, 750, 142260.	8.0	29
26	Lead exposure reduces carotenoid-based coloration and constitutive immunity in wild mallards. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1516-1525.	4.3	28
27	Birds feeding on tebuconazole treated seeds have reduced breeding output. <i>Environmental Pollution</i> , 2021, 271, 116292.	7.5	28
28	Differences in susceptibility to <i>Saprolegnia</i> infections among embryonic stages of two anuran species. <i>Oecologia</i> , 2011, 165, 819-826.	2.0	26
29	Food safety risk assessment of metal pollution in crayfish from two historical mining areas: Accounting for bioavailability and cooking extractability. <i>Ecotoxicology and Environmental Safety</i> , 2019, 185, 109682.	6.0	25
30	Influence of ammonium nitrate on larval anti-predatory responses of two amphibian species. <i>Aquatic Toxicology</i> , 2010, 99, 198-204.	4.0	23
31	Multi-level analysis of exposure to triazole fungicides through treated seed ingestion in the red-legged partridge. <i>Environmental Research</i> , 2020, 189, 109928.	7.5	23
32	Effects of Lead-Contaminated Sediment on <i>Rana sphenoccephala</i> Tadpoles. <i>Archives of Environmental Contamination and Toxicology</i> , 2006, 51, 458-466.	4.1	22
33	Trace element concentrations in feathers and blood of Northern goshawk ( <i>Accipiter gentilis</i> ) nestlings from Norway and Spain. <i>Ecotoxicology and Environmental Safety</i> , 2017, 144, 564-571.	6.0	22
34	Immunomodulation in Post-metamorphic Northern Leopard Frogs, <i>Lithobates pipiens</i> , Following Larval Exposure to Polybrominated Diphenyl Ether. <i>Environmental Science &amp; Technology</i> , 2014, 48, 5910-5919.	10.0	21
35	Domestic waste disposal sites secure food availability but diminish plasma antioxidants in Egyptian vulture. <i>Science of the Total Environment</i> , 2019, 650, 1382-1391.	8.0	21
36	Adaptation to osmotic stress provides protection against ammonium nitrate in <i>Pelophylax perezi</i> embryos. <i>Environmental Pollution</i> , 2010, 158, 934-940.	7.5	20

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37	Effects of ammonium nitrate exposure and water acidification on the dwarf newt: The protective effect of oviposition behaviour on embryonic survival. <i>Aquatic Toxicology</i> , 2007, 85, 251-257.	4.0	19
38	Interspecific and Postmetamorphic Variation in Susceptibility of Three North American Anurans to <i>Batrachochytrium dendrobatidis</i> . <i>Journal of Herpetology</i> , 2013, 47, 286-292.	0.5	19
39	Density effects on ammonium nitrate toxicity on amphibians. Survival, growth and cannibalism. <i>Aquatic Toxicology</i> , 2012, 110-111, 170-176.	4.0	17
40	Bird exposure to fungicides through the consumption of treated seeds: A study of wild red-legged partridges in central Spain. <i>Environmental Pollution</i> , 2022, 292, 118335.	7.5	17
41	Sensitivity and Behavior of the Iberian Newt, <i>Triturus boscai</i> , Under Terrestrial Exposure to Ammonium Nitrate. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005, 75, 662-669.	2.7	15
42	Effects of chronic polybrominated diphenyl ether exposure on gonadal development in the northern leopard frog, <i>Rana pipiens</i> . <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 347-354.	4.3	13
43	Expression of immunoregulatory genes and its relationship to lead exposure and lead-mediated oxidative stress in wild ungulates from an abandoned mining area. <i>Environmental Toxicology and Chemistry</i> , 2013, 32, 876-883.	4.3	13
44	Accumulation of pollutants in nestlings of an endangered avian scavenger related to territory urbanization and physiological biomarkers. <i>Environmental Pollution</i> , 2019, 252, 1801-1809.	7.5	13
45	Assessment of ecotoxicological risks to river otters from ingestion of invasive red swamp crayfish in metal contaminated areas: Use of feces to estimate dietary exposure. <i>Environmental Research</i> , 2020, 181, 108907.	7.5	13
46	Egg Overspray with Herbicides and Fungicides Reduces Survival of Red-Legged Partridge Chicks. <i>Environmental Science &amp; Technology</i> , 2020, 54, 12402-12411.	10.0	13
47	Tools for non-invasive sampling of metal accumulation and its effects in Mediterranean pond turtle populations inhabiting mining areas. <i>Chemosphere</i> , 2019, 231, 194-206.	8.2	12
48	Influence of Dissolved Oxygen Conditions on Toxicity of Ammonium Nitrate to Larval Natterjack Toads. <i>Archives of Environmental Contamination and Toxicology</i> , 2015, 69, 95-103.	4.1	10
49	Exposure of black-necked grebes ( <i>Podiceps nigricollis</i> ) to metal pollution during the moulting period in the Odiel Marshes, Southwest Spain. <i>Chemosphere</i> , 2019, 216, 774-784.	8.2	10
50	A regression-based QSAR-model to predict acute toxicity of aromatic chemicals in tadpoles of the Japanese brown frog ( <i>Rana japonica</i> ): Calibration, validation, and future developments to support risk assessment of chemicals in amphibians. <i>Science of the Total Environment</i> , 2022, 830, 154795.	8.0	10
51	ALTERATION OF COURTSHIP BEHAVIOR BECAUSE OF WATER ACIDIFICATION AND MINOR EFFECT OF AMMONIUM NITRATE IN THE IBERIAN NEWT ( <i>LISSOTRITON BOSCAI</i> ). <i>Environmental Toxicology and Chemistry</i> , 2009, 28, 1500.	4.3	9
52	Influence of a Combination of Agricultural Chemicals on Embryos of the Endangered Gold-Striped Salamander ( <i>Chioglossa lusitanica</i> ). <i>Archives of Environmental Contamination and Toxicology</i> , 2011, 60, 672-680.	4.1	9
53	Sex-Specific Effects of High Yolk Androgen Levels on Constitutive and Cell-Mediated Immune Responses in Nestlings of an Altricial Passerine. <i>Physiological and Biochemical Zoology</i> , 2017, 90, 106-117.	1.5	9
54	Intoxicación por municion de plomo en aves silvestres en España y medidas para reducir el riesgo. <i>Ecosistemas</i> , 2013, 22, 61-67.	0.4	9

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55	Evaluation of arsenic biotransformation by Iberian green frog during metamorphosis. Journal of Analytical Atomic Spectrometry, 2011, 26, 178-186.	3.0	8
56	Responses of toad tadpoles to ammonium nitrate fertilizer and predatory stress: Differences between populations on a local scale. Environmental Toxicology and Chemistry, 2011, 30, 1440-1446.	4.3	8
57	The influence of diet on nestling body condition of an apex predator: a multi-biomarker approach. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2016, 186, 343-362.	1.5	8
58	Biological relevance of the magnitude of effects (considering mortality, sublethal and reproductive) of glyphosate (Tj ETQq0 0 0 rgBT /Overlock 10 TF) on amphibians and reptiles. EFSA Supporting Publications, 2017, 14, 1251E.	0.7	6
59	Realistic Levels of a Fertilizer Impair Iberian Newt Embryonic Development. Herpetologica, 2011, 67, 1-9.	0.4	4
60	Assessing Stress Response in Lizards from Agroecosystems with Different Management Practices. Bulletin of Environmental Contamination and Toxicology, 2021, , 1.	2.7	3