

Antonio J Garca-Fernndez

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

96
papers

1,977
citations

26
h-index

40
g-index

104
ext. papers

2,315
ext. citations

5.1
avg, IF

4.86
L-index

#	Paper	IF	Citations
96	Tracking pan-continental trends in environmental contamination using sentinel raptors-what types of samples should we use?. <i>Ecotoxicology</i> , 2016 , 25, 777-801	2.9	102
95	Effects of heavy metals on biomarkers for oxidative stress in Griffon vulture (<i>Gyps fulvus</i>). <i>Environmental Research</i> , 2014 , 129, 59-68	7.9	102
94	An overview of existing raptor contaminant monitoring activities in Europe. <i>Environment International</i> , 2014 , 67, 12-21	12.9	102
93	A review on exposure and effects of arsenic in passerine birds. <i>Science of the Total Environment</i> , 2015 , 512-513, 506-525	10.2	70
92	Feathers as a biomonitoring tool of polyhalogenated compounds: a review. <i>Environmental Science & Technology</i> , 2013 , 47, 3028-43	10.3	69
91	Effects of mining wastes on a seagrass ecosystem: metal accumulation and bioavailability, seagrass dynamics and associated community structure. <i>Marine Environmental Research</i> , 2005 , 60, 317-37	3.3	68
90	Lead and cadmium in wild birds in southeastern Spain. <i>Environmental Toxicology and Chemistry</i> , 1995 , 14, 2049-2058	3.8	59
89	Relationship of the toxicity of pesticide formulations and their commercial restrictions with the frequency of animal poisonings. <i>Ecotoxicology and Environmental Safety</i> , 2008 , 69, 396-402	7	54
88	Heavy metals in tissues from loggerhead turtles (<i>Caretta caretta</i>) from the southwestern Mediterranean (Spain). <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 557-63	7	53
87	Oxidative stress biomarkers in Eurasian eagle owls (<i>Bubo bubo</i>) in three different scenarios of heavy metal exposure. <i>Environmental Research</i> , 2014 , 131, 134-44	7.9	50
86	Environmental exposure and distribution of lead in four species of raptors in Southeastern Spain. <i>Archives of Environmental Contamination and Toxicology</i> , 1997 , 33, 76-82	3.2	50
85	High levels of blood lead in griffon vultures (<i>Gyps fulvus</i>) from Cazorla Natural Park (southern Spain). <i>Environmental Toxicology</i> , 2005 , 20, 459-63	4.2	47
84	Raptor ecotoxicology in Spain: a review on persistent environmental contaminants. <i>Ambio</i> , 2008 , 37, 432-9	6.5	45
83	Validation of a QuEChERS method for analysis of neonicotinoids in small volumes of blood and assessment of exposure in Eurasian eagle owl (<i>Bubo bubo</i>) nestlings. <i>Science of the Total Environment</i> , 2017 , 595, 93-100	10.2	44
82	Concentrations of cadmium, mercury and selenium in blood, liver and kidney of common eider ducks from the Canadian arctic. <i>Environmental Monitoring and Assessment</i> , 2001 , 71, 255-67	3.1	44
81	Oxidative damage and disturbance of antioxidant capacity by zearalenone and its metabolites in human cells. <i>Toxicology in Vitro</i> , 2017 , 45, 334-339	3.6	43
80	Lead in feathers and delta-aminolevulinic acid dehydratase activity in three raptor species from an unpolluted Mediterranean forest (Southeastern Spain). <i>Archives of Environmental Contamination and Toxicology</i> , 2004 , 47, 270-5	3.2	42

79	Blood lead levels and δ -ALA dehydratase (ALAD) inhibition in nestlings of Eurasian Eagle Owl (<i>Bubo bubo</i>) to assess lead exposure associated to an abandoned mining area. <i>Ecotoxicology</i> , 2011 , 20, 131-8	2.9	40
78	Lead and cadmium in red deer and wild boar from Sierra Morena Mountains (Andalusia, Spain). <i>Bulletin of Environmental Contamination and Toxicology</i> , 1998 , 61, 730-7	2.7	40
77	Opinion paper about organic trace pollutants in wastewater: Toxicity assessment in a European perspective. <i>Science of the Total Environment</i> , 2019 , 651, 3202-3221	10.2	35
76	Delta-aminolevulinic acid dehydratase (δ -ALAD) activity in four free-living bird species exposed to different levels of lead under natural conditions. <i>Environmental Research</i> , 2015 , 137, 185-98	7.9	30
75	Razorbills (<i>Alca torda</i>) as bioindicators of mercury pollution in the southwestern Mediterranean. <i>Marine Pollution Bulletin</i> , 2012 , 64, 2461-70	6.7	28
74	Estrogenic activity of zearalenone, β -zearalenol and α -zearalenol assessed using the E-screen assay in MCF-7 cells. <i>Toxicology Mechanisms and Methods</i> , 2018 , 28, 239-242	3.6	27
73	From sport hunting to breeding success: Patterns of lead ammunition ingestion and its effects on an endangered raptor. <i>Science of the Total Environment</i> , 2018 , 613-614, 483-491	10.2	27
72	Pulse-discharges of mining wastes into a coastal lagoon: Water chemistry and toxicity. <i>Chemistry and Ecology</i> , 2007 , 23, 217-231	2.3	27
71	Cadmium in feathers of adults and blood of nestlings of three raptor species from a nonpolluted Mediterranean forest, southeastern Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 477-84	2.7	27
70	Factors that influence mercury concentrations in nestling Eagle Owls (<i>Bubo bubo</i>). <i>Science of the Total Environment</i> , 2014 , 470-471, 1132-9	10.2	26
69	Screening of wild plants for use in the phytoremediation of mining-influenced soils containing arsenic in semiarid environments. <i>Journal of Soils and Sediments</i> , 2014 , 14, 794-809	3.4	23
68	Razorbill (<i>Alca torda</i>) feathers as an alternative tool for evaluating exposure to organochlorine pesticides. <i>Ecotoxicology</i> , 2012 , 21, 183-90	2.9	22
67	Contaminants in the southern tip of South America: Analysis of organochlorine compounds in feathers of avian scavengers from Argentinean Patagonia. <i>Ecotoxicology and Environmental Safety</i> , 2015 , 115, 83-92	7	20
66	Organohalogen exposure in a Eurasian Eagle owl (<i>Bubo bubo</i>) population from Southeastern Spain: temporal-spatial trends and risk assessment. <i>Chemosphere</i> , 2012 , 88, 903-11	8.4	20
65	Organochlorine residues in booted eagle (<i>Hieraaetus pennatus</i>) and goshawk (<i>Accipiter gentilis</i>) eggs from southeastern Spain. <i>Environmental Toxicology and Chemistry</i> , 2007 , 26, 2373-8	3.8	20
64	Combined in situ effects of metals and nutrients on marine biofilms: Shifts in the diatom assemblage structure and biological traits. <i>Science of the Total Environment</i> , 2017 , 574, 381-389	10.2	19
63	Morphological characterisation of BGM (Buffalo Green Monkey) cell line exposed to low doses of cadmium chloride. <i>Toxicology in Vitro</i> , 2003 , 17, 293-9	3.6	19
62	Environmental lead exposure in the European kestrel (<i>Falco tinnunculus</i>) from southeastern Spain: the influence of leaded gasoline regulations. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2005 , 74, 314-9	2.7	19

61	Per- and polyfluoroalkyl substances in plasma and feathers of nestling birds of prey from northern Norway. <i>Environmental Research</i> , 2017 , 158, 277-285	7.9	18
60	Changes in blood pesticide levels in booted eagle (<i>Hieraetus pennatus</i>) associated with agricultural land practices. <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 45-50	7	17
59	Assessment of organochlorine pesticide exposure in a wintering population of razorbills (<i>Alca torda</i>) from the southwestern Mediterranean. <i>Chemosphere</i> , 2010 , 80, 1190-8	8.4	17
58	Experimental manipulation of dietary arsenic levels in great tit nestlings: Accumulation pattern and effects on growth, survival and plasma biochemistry. <i>Environmental Pollution</i> , 2018 , 233, 764-773	9.3	17
57	Interspecific differences in the antioxidant capacity of two Laridae species exposed to metals. <i>Environmental Research</i> , 2016 , 147, 115-24	7.9	16
56	In vitro evaluation of cell death induced by cadmium, lead and their binary mixtures on erythrocytes of Common buzzard (<i>Buteo buteo</i>). <i>Toxicology in Vitro</i> , 2014 , 28, 300-6	3.6	16
55	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	7	16
54	Alterations of the glutathione-redox balance induced by metals in CHO-K1 cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2002 , 132, 365-73	3.2	16
53	Trace metals in striped dolphins (<i>Stenella coeruleoalba</i>) stranded along the Murcia coastline, Mediterranean Sea, during the period 2009-2015. <i>Chemosphere</i> , 2019 , 229, 580-588	8.4	14
52	Development of a QuEChERS method for simultaneous analysis of antibiotics in carcasses for supplementary feeding of endangered vultures. <i>Science of the Total Environment</i> , 2018 , 626, 319-327	10.2	14
51	Cadmium- and lead-induced apoptosis in mallard erythrocytes (<i>Anas platyrhynchos</i>). <i>Ecotoxicology and Environmental Safety</i> , 2009 , 72, 37-44	7	14
50	Arsenic-related oxidative stress in experimentally-dosed wild great tit nestlings. <i>Environmental Pollution</i> , 2020 , 259, 113813	9.3	14
49	Validation of Multi-Residue Method for Quantification of Antibiotics and NSAIDs in Avian Scavengers by Using Small Amounts of Plasma in HPLC-MS-TOF. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	13
48	Correction to Feathers as a Biomonitoring Tool of Polyhalogenated Compounds: A Review. <i>Environmental Science & Technology</i> , 2013 , 47, 9558-9558	10.3	13
47	Changes in glutathione-redox balance induced by hexachlorocyclohexane and lindane in CHO-K1 cells. <i>Xenobiotica</i> , 2002 , 32, 1007-16	2	12
46	Cyclodiene organochlorine insecticide-induced alterations in the sulfur-redox cycle in CHO-K1 cells. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2001 , 130, 315-23	3.2	12
45	Dust and bullets: Stable isotopes and GPS tracking disentangle lead sources for a large avian scavenger. <i>Environmental Pollution</i> , 2020 , 266, 115022	9.3	11
44	Intentional poisoning of animals in southeastern Spain: a review of the veterinary toxicology service from Murcia, Spain. <i>Veterinary and Human Toxicology</i> , 2003 , 45, 47-50		11

43	Effects of calcium supplementation on oxidative status and oxidative damage in great tit nestlings inhabiting a metal-polluted area. <i>Environmental Research</i> , 2019 , 171, 484-492	7.9	10
42	Blood delta-ALAD, lead and cadmium concentrations in spur-thighed tortoises (<i>Testudo graeca</i>) from Southeastern Spain and Northern Africa. <i>Ecotoxicology</i> , 2010 , 19, 670-7	2.9	10
41	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021 , 50, 95-100	6.5	10
40	Mercury in the feathers of bird scavengers from two areas of Patagonia (Argentina) under the influence of different anthropogenic activities: a preliminary study. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 13906-13915	5.1	9
39	Detection of strychnine by gas chromatography-mass spectrometry in the carcass of a Bonelli's eagle (<i>Hieraaetus fasciatus</i>). <i>Veterinary Record</i> , 2006 , 159, 182-3	0.9	9
38	Transmissible gastroenteritis in pigs in south east Spain: prevalence and factors associated with infection. <i>Veterinary Record</i> , 1993 , 132, 238-41	0.9	9
37	Wildlife Sentinels for Human and Environmental Health Hazards in Ecotoxicological Risk Assessment. <i>Methods in Pharmacology and Toxicology</i> , 2020 , 77-94	1.1	9
36	Hg and Se in Organs of Three Cetacean Species from the Murcia Coastline (Mediterranean Sea). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2019 , 103, 521-527	2.7	8
35	Comparison of chromaffin cells from several animal sources for their use as an in vitro model to study the mechanism of organophosphorous toxicity. <i>Toxicology Letters</i> , 2006 , 165, 221-9	4.4	8
34	Assessment of mercury exposure and maternal-foetal transfer in <i>Miniopterus schreibersii</i> (Chiroptera: Miniopteridae) from southeastern Iberian Peninsula. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 5497-5508	5.1	7
33	Spatiotemporal variations of organochlorine pesticides in an apex predator: Influence of government regulations and farming practices. <i>Environmental Research</i> , 2019 , 176, 108543	7.9	7
32	Physiological effects of toxic elements on a wild nightjar species. <i>Environmental Pollution</i> , 2020 , 263, 114568	9.3	7
31	Organochlorine pesticides in feathers of three raptor species in southern Brazil. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 5971-5980	5.1	7
30	Influence of a Former Mining Area in the Heavy Metals Concentrations in Blood of Free-Living Mediterranean Pond Turtles (<i>Mauremys leprosa</i>). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017 , 99, 167-172	2.7	6
29	Conditioned food aversion mediated by odour cue and microencapsulated levamisole to avoid predation by canids. <i>European Journal of Wildlife Research</i> , 2019 , 65, 1	2	6
28	Selection of new chemicals to be used in conditioned aversion for non-lethal predation control. <i>Behavioural Processes</i> , 2019 , 166, 103905	1.6	6
27	Mercury and Organochlorine Pesticides in Tissues of Loggerhead Sea Turtles (<i>Caretta caretta</i>) Stranded Along the Southwestern Mediterranean Coastline (Andalusia, Spain). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2020 , 104, 559-567	2.7	5
26	Low prevalence of <i>C botulinum</i> in Spanish wetlands with a tidal regime. <i>Veterinary Record</i> , 1991 , 128, 187-8	0.9	5

25	Sunflower meal as cause of chronic copper poisoning in lambs in southeastern Spain. <i>Canadian Veterinary Journal</i> , 1999 , 40, 799-801	0.5	5
24	Protocol to classify the stages of carcass decomposition and estimate the time of death in small-size raptors. <i>European Journal of Wildlife Research</i> , 2020 , 66, 1	2	5
23	Morphological characterization of renal cell lines (BGM and VERO) exposed to low doses of lead nitrate. <i>Histology and Histopathology</i> , 2004 , 19, 69-76	1.4	5
22	Toxic elements in blood of red-necked nightjars (<i>Caprimulgus ruficollis</i>) inhabiting differently polluted environments. <i>Environmental Pollution</i> , 2020 , 262, 114334	9.3	4
21	Influence of leaded-gasoline regulations on the blood lead concentrations in Murciano-Granadina goats from Murcia Region, Southeast Spain. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2003 , 70, 1178-83	2.7	4
20	Mercury Exposure in Birds Linked to Marine Ecosystems in the Western Mediterranean. <i>Archives of Environmental Contamination and Toxicology</i> , 2020 , 79, 435-453	3.2	4
19	Ecotoxicological Risk Assessment in the Context of Different EU Regulations. <i>Methods in Pharmacology and Toxicology</i> , 2020 , 3-25	1.1	4
18	Lead exposure in common shelduck (<i>Tadorna tadorna</i>): Tracking the success of the Pb shot ban for hunting in Spanish wetlands. <i>Regulatory Toxicology and Pharmacology</i> , 2019 , 106, 147-151	3.4	3
17	Blood concentrations of 50 elements in Eagle owl (<i>Bubo bubo</i>) at different contamination scenarios and related effects on plasma vitamin levels. <i>Environmental Pollution</i> , 2020 , 265, 115012	9.3	3
16	A comparison of BGM and LLC-PK1 cells for the evaluation of nephrotoxicity. <i>Drug and Chemical Toxicology</i> , 2012 , 35, 258-63	2.3	3
15	Comparison of cytopathological changes induced by mercury chloride exposure in renal cell lines (VERO and BGM). <i>Environmental Toxicology and Pharmacology</i> , 2004 , 17, 129-41	5.8	3
14	Temporal Persistence of Bromadiolone in Decomposing Bodies of Common Kestrel (<i>Falco tinnunculus</i>). <i>Toxics</i> , 2020 , 8,	4.7	3
13	Wildlife poisoning: a novel scoring system and review of analytical methods for anticoagulant rodenticide determination. <i>Ecotoxicology</i> , 2021 , 30, 767-782	2.9	3
12	Conditioned food aversion in domestic dogs induced by thiram. <i>Pest Management Science</i> , 2020 , 76, 568-574	4.7	3
11	A review of constraints and solutions for collecting raptor samples and contextual data for a European Raptor Biomonitoring Facility. <i>Science of the Total Environment</i> , 2021 , 793, 148599	10.2	3
10	Temporal changes in metal concentrations in Andean condor feathers: a potential influence of volcanic activity. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 25600-25611	5.1	2
9	Haematocrit and blood biochemical parameters in free-living Eurasian eagle owls (<i>Bubo bubo</i>) from Southeastern Spain: study of age and sex differences. <i>European Journal of Wildlife Research</i> , 2016 , 62, 557-564	2	2
8	Cytotoxicity and mutagenicity of four insect pheromones in CHO-K1 cells. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2004 , 73, 963-70	2.7	2

7	High Levels of Heavy Metals detected in Feathers of an Avian Scavenger Warn of a High Pollution Risk in the Atacama Desert (Chile). <i>Archives of Environmental Contamination and Toxicology</i> , 2021 , 81, 227-235	3.2	2
6	Structural determinants of putrescine uptake inhibition produced by cationic diamidines in the model of trypanosomatid <i>Crithidia fasciculata</i> . <i>Biological Chemistry Hoppe-Seyler</i> , 1996 , 377, 833-6		1
5	Developing a European network of analytical laboratories and government institutions to prevent poisoning of raptors.. <i>Environmental Monitoring and Assessment</i> , 2022 , 194, 113	3.1	1
4	Water Quality and Contaminants of Emerging Concern (CECs) 2021 , 1-21		0
3	Feather mercury levels in beached Magellanic penguin (<i>Spheniscus magellanicus</i>) in northern Argentina during the non-breeding season. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
2	Pathology in Practice. <i>Journal of the American Veterinary Medical Association</i> , 2019 , 255, 1349-1352	1	
1	Distribution of Cadmium in Blood and Tissues of Wild Birds. <i>Archives of Environmental Contamination and Toxicology</i> , 1996 , 30, 252-258	3.2	