

Silvia EspÃ-n

List of Publications by Year in descending order

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57
papers

1,301
citations

430874

18
h-index

377865

34
g-index

66
all docs

66
docs citations

66
times ranked

1455
citing authors

#	ARTICLE	IF	CITATIONS
1	Tracking pan-continental trends in environmental contamination—using sentinel raptors—what types of samples should we use?. <i>Ecotoxicology</i> , 2016, 25, 777-801.	2.4	149
2	Effects of heavy metals on biomarkers for oxidative stress in Griffon vulture (<i>Gyps fulvus</i>). <i>Environmental Research</i> , 2014, 129, 59-68.	7.5	126
3	A review on exposure and effects of arsenic in passerine birds. <i>Science of the Total Environment</i> , 2015, 512-513, 506-525.	8.0	92
4	Feathers as a Biomonitoring Tool of Polyhalogenated Compounds: A Review.. <i>Environmental Science & Technology</i> , 2013, 47, 3028-3043.	10.0	84
5	Oxidative damage and disturbance of antioxidant capacity by zearalenone and its metabolites in human cells. <i>Toxicology in Vitro</i> , 2017, 45, 334-339.	2.4	62
6	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, 134-144.	7.5	57
7	Delta-aminolevulinic acid dehydratase (̂ALAD) activity in four free-living bird species exposed to different levels of lead under natural conditions. <i>Environmental Research</i> , 2015, 137, 185-198.	7.5	42
8	Estrogenic activity of zearalenone, ̂-zearalenol and ̂ ² -zearalenol assessed using the E-screen assay in MCF-7 cells. <i>Toxicology Mechanisms and Methods</i> , 2018, 28, 239-242.	2.7	39
9	Factors that influence mercury concentrations in nestling Eagle Owls (<i>Bubo bubo</i>). <i>Science of the Total Environment</i> , 2014, 470-471, 1132-1139.	8.0	35
10	Razorbills (<i>Alca torda</i>) as bioindicators of mercury pollution in the southwestern Mediterranean. <i>Marine Pollution Bulletin</i> , 2012, 64, 2461-2470.	5.0	33
11	Progress on bringing together raptor collections in Europe for contaminant research and monitoring in relation to chemicals regulation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 20132-20136.	5.3	30
12	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.	6.0	28
13	A schematic sampling protocol for contaminant monitoring in raptors. <i>Ambio</i> , 2021, 50, 95-100.	5.5	28
14	Razorbill (<i>Alca torda</i>) feathers as an alternative tool for evaluating exposure to organochlorine pesticides. <i>Ecotoxicology</i> , 2012, 21, 183-190.	2.4	25
15	Connecting the data landscape of long-term ecological studies: The SPI—Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160.	2.8	25
16	Effects of experimental calcium availability and anthropogenic metal pollution on eggshell characteristics and yolk carotenoid and vitamin levels in two passerine birds. <i>Chemosphere</i> , 2016, 151, 189-201.	8.2	24
17	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.	7.5	24
18	Assessment of organochlorine pesticide exposure in a wintering population of razorbills (<i>Alca torda</i>) from the southwestern Mediterranean. <i>Chemosphere</i> , 2010, 80, 1190-1198.	8.2	21

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19	Effects of dietary lead exposure on vitamin levels in great tit nestlings – An experimental manipulation. <i>Environmental Pollution</i> , 2016, 213, 688-697.	7.5	19
20	Effects of calcium supplementation on growth and biochemistry in two passerine species breeding in a Ca-poor and metal-polluted area. <i>Environmental Science and Pollution Research</i> , 2016, 23, 9809-9821.	5.3	19
21	Interspecific differences in the antioxidant capacity of two Laridae species exposed to metals. <i>Environmental Research</i> , 2016, 147, 115-124.	7.5	18
22	Wildlife Sentinels for Human and Environmental Health Hazards in Ecotoxicological Risk Assessment. <i>Methods in Pharmacology and Toxicology</i> , 2020, , 77-94.	0.2	18
23	Leaves, berries and herbivorous larvae of bilberry <i>Vaccinium myrtillus</i> as sources of metals in food chains at a Cu-Ni smelter site. <i>Chemosphere</i> , 2018, 210, 859-866.	8.2	17
24	Transgenerational endocrine disruption: Does elemental pollution affect egg or nestling thyroid hormone levels in a wild songbird?. <i>Environmental Pollution</i> , 2019, 247, 725-735.	7.5	17
25	Arsenic-related oxidative stress in experimentally-dosed wild great tit nestlings. <i>Environmental Pollution</i> , 2020, 259, 113813.	7.5	17
26	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.	7.5	16
27	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.	5.3	15
28	Oxidative status in relation to metal pollution and calcium availability in pied flycatcher nestlings – A calcium manipulation experiment. <i>Environmental Pollution</i> , 2017, 229, 448-458.	7.5	15
29	Bird Feces as Indicators of Metal Pollution: Pitfalls and Solutions. <i>Toxics</i> , 2020, 8, 124.	3.7	15
30	Correction to Feathers as a Biomonitoring Tool of Polyhalogenated Compounds: A Review. <i>Environmental Science & Technology</i> , 2013, 47, 9558-9558.	10.0	14
31	Organochlorine pesticides in feathers of three raptor species in southern Brazil. <i>Environmental Science and Pollution Research</i> , 2020, 27, 5971-5980.	5.3	13
32	Vitamin profiles in two free-living passerine birds under a metal pollution gradient – A calcium supplementation experiment. <i>Ecotoxicology and Environmental Safety</i> , 2017, 138, 242-252.	6.0	12
33	Blood concentrations of p,p'-DDE and PCBs in harriers breeding in Spain and Kazakhstan. <i>Science of the Total Environment</i> , 2018, 624, 1287-1297.	8.0	12
34	Wildlife poisoning: a novel scoring system and review of analytical methods for anticoagulant rodenticide determination. <i>Ecotoxicology</i> , 2021, 30, 767-782.	2.4	12
35	Does Arsenic Contamination Affect DNA Methylation Patterns in a Wild Bird Population? An Experimental Approach. <i>Environmental Science & Technology</i> , 2021, 55, 8947-8954.	10.0	12
36	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	11

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37	Physiological effects of toxic elements on a wild nightjar species. <i>Environmental Pollution</i> , 2020, 263, 114568.	7.5	10
38	Mercury Exposure in Birds Linked to Marine Ecosystems in the Western Mediterranean. <i>Archives of Environmental Contamination and Toxicology</i> , 2020, 79, 435-453.	4.1	9
39	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	8
40	Is current information on organochlorine exposure sufficient to conserve birds in India?. <i>Ecotoxicology</i> , 2018, 27, 1137-1149.	2.4	8
41	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.	1.4	8
42	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.	8.0	7
43	Weather effects on breeding parameters of two insectivorous passerines in a polluted area. <i>Science of the Total Environment</i> , 2020, 729, 138913.	8.0	6
44	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.	7.5	6
45	Toxic elements in blood of red-necked nightjars (<i>Caprimulgus ruficollis</i>) inhabiting differently polluted environments. <i>Environmental Pollution</i> , 2020, 262, 114334.	7.5	6
46	A review of metal-induced effects on vitamins A, E and D3 in birds. <i>Ecotoxicology</i> , 2021, 30, 1-16.	2.4	6
47	Temporal Persistence of Bromadiolone in Decomposing Bodies of Common Kestrel (<i>Falco tinnunculus</i>). <i>Environmental Pollution</i> , 2021, 273, 116012.	3.7	5
48	Female oxidative status in relation to calcium availability, metal pollution and offspring development in a wild passerine. <i>Environmental Pollution</i> , 2020, 260, 113921.	7.5	5
49	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.	2.7	4
50	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.	1.4	3
51	Blood Toxic Elements and Effects on Plasma Vitamins and Carotenoids in Two Wild Bird Species: <i>Turdus merula</i> and <i>Columba livia</i> . <i>Toxics</i> , 2021, 9, 219.	3.7	3
52	Developing a European network of analytical laboratories and government institutions to prevent poisoning of raptors. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 113.	2.7	3
53	Polluted environment does not speed up age-related change in reproductive performance of the Pied Flycatcher. <i>Journal of Ornithology</i> , 2018, 159, 173-182.	1.1	2
54	Oxalates. , 2014, , 730-734.		1

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55	Nitrapyrin. , 2014, , 519-522.		0
56	Blood delta-aminolevulinic acid dehydratase (̂ALAD) activity in four wild avian species exposed to lead. Toxicology Letters, 2017, 280, S208.	0.8	0
57	Calcium supplementation of pied flycatcher females in a metal-polluted environment: protective effect against oxidative stress?. Toxicology Letters, 2018, 295, S86.	0.8	0