Natalie K Karouna-Renier

List of Publications by Year
in descending order

38 papers	901 citations	430874 18 h-index	454955 30 g-index
38 all docs	38 docs citations	38 times ranked	1335 citing authors

#	Article	IF	Citations
1	Exposure to crop production alters cecal prokaryotic microbiota, inflates virulome and resistome in wild prairie grouse. Environmental Pollution, 2022, 306, 119418.	7.5	0
2	Sexâ€•and Developmental Stageâ€“Related Differences in the Hepatic Transcriptome of Japanese Quail (Coturnix japonica) Exposed to 17Î²â€•Trenbolone. Environmental Toxicology and Chemistry, 2021, 40, 2559-2570.	4.3	4
3	Thyroid disruption and oxidative stress in American kestrels following embryonic exposure to the alternative flame retardants, EHTBB and TBPH. Environment International, 2021, 157, 106826.	10.0	7
4	Establishment of baseline cytology metrics in nestling American kestrels (Falco sparverius): Immunomodulatory effects of the flame retardant isopropylated triarylphosphate isomers. Environment International, 2021, 157, 106779.	10.0	1
5	Arsenic-related oxidative stress in experimentally-dosed wild great tit nestlings. Environmental Pollution, 2020, 259, 113813.	7.5	17
6	Legacy and Contaminants of Emerging Concern in Tree Swallows Along an Agricultural to Industrial Gradient: Maumee River, Ohio. Environmental Toxicology and Chemistry, 2020, 39, 1936-1952.	4.3	10
7	Perfluoroalkyl Contaminant ExposureÂand Effects in Tree Swallows Nesting at Clarks Marsh, Oscoda, Michigan, USA. Archives of Environmental Contamination and Toxicology, 2019, 77, 1-13.	4.1	27
8	In ovo exposure to brominated flame retardants Part II: Assessment of effects of TBBPA-BDBPE and BTBPE on hatching success, morphometric and physiological endpoints in American kestrels. Ecotoxicology and Environmental Safety, 2019, 179, 151-159.	6.0	17
9	Toxicokinetics of Imidacloprid-Coated Wheat Seeds in Japanese Quail (Coturnix japonica) and an Evaluation of Hazard. Environmental Science & Technology, 2019, 53, 3888-3897.	10.0	46
10	Biomarker responses of Peromyscus leucopus exposed to lead and cadmium in the Southeast Missouri Lead Mining District. Environmental Monitoring and Assessment, 2018, 190, 104.	2.7	6
11	Female hatchling American kestrels have a larger hippocampus than males: A link with sexual size dimorphism?. Behavioural Brain Research, 2018, 349, 98-101.	2.2	2
12	Sexâ€•specific responses in neuroanatomy of hatchling American kestrels in response to embryonic exposure to the flame retardants bis(2â€•ethylhexyl)â€•2,3,4,5â€•tetrabromophthalate and 2â€•ethylhexylâ€•2,3,4,5â€•tetrabromobenzoate. Environmental Toxicology and Chemistry, 2018, 37, 3032-3040.	4.3	18
13	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. Integrated Environmental Assessment and Management, 2017, 13, 267-279.	2.9	38
14	Current limitations and recommendations to improve testing for the environmental assessment of endocrine active substances. Integrated Environmental Assessment and Management, 2017, 13, 302-316.	2.9	35
15	Tributyltin: Advancing the Science on Assessing Endocrine Disruption with an Unconventional Endocrine-Disrupting Compound. Reviews of Environmental Contamination and Toxicology, 2017, 245, 65-127.	1.3	11
16	EROD activity, chromosomal damage, and oxidative stress in response to contaminants exposure in tree swallow (Tachycineta bicolor) nestlings from Great Lakes Areas of Concern. Ecotoxicology, 2017, 26, 1392-1407.	2.4	17
17	Effects on circulating steroid hormones and gene expression along the hypothalamus-pituitary-gonadal axis in adult Japanese quail exposed to 17Î²-trenbolone across multiple generations. Toxicological Sciences, 2017, 157, kfx016.	3.1	4
18	Chesapeake Bay fishâ€“osprey (Pandion haliaetus) food chain: Evaluation of contaminant exposure and genetic damage. Environmental Toxicology and Chemistry, 2016, 35, 1560-1575.	4.3	15

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19	Investigating Endocrine and Physiological Parameters of Captive American Kestrels Exposed by Diet to Selected Organophosphate Flame Retardants. Environmental Science & Technology, 2015, 49, 7448-7455.	10.0	60
20	Decadal re-evaluation of contaminant exposure and productivity ofÂospreys (Pandion haliaetus) nesting in Chesapeake Bay Regions ofÂConcern. Environmental Pollution, 2015, 205, 278-290.	7.5	13
21	Chromosomal damage and EROD induction in tree swallows (Tachycineta bicolor) along the Upper Mississippi River, Minnesota, USA. Ecotoxicology, 2015, 24, 1028-1039.	2.4	4
22	Assessment of mitochondrial DNA damage in little brown bats (Myotis lucifugus) collected near a mercury-contaminated river. Ecotoxicology, 2014, 23, 1419-1429.	2.4	27
23	Comparative embryotoxicity of a pentabrominated diphenyl ether mixture to common terns (Sterna) Tj ETQq1 1 0.784314 rgBT /Over	8.2	19
24	Effect of 17Î²-Trenbolone on Male and Female Reproduction in Japanese Quail (Coturnix Japonica). Avian Biology Research, 2012, 5, 61-68.	0.9	9
25	Gene expression, glutathione status, and indicators of hepatic oxidative stress in laughing gull (Larus atricilla) hatchlings exposed to methylmercury. Environmental Toxicology and Chemistry, 2012, 31, 2588-2596.	4.3	11
26	A noninvasive, direct realâ€time PCR method for sex determination in multiple avian species. Molecular Ecology Resources, 2011, 11, 415-417.	4.8	25
27	Tumor prevalence and biomarkers of genotoxicity in brown bullhead (Ameiurus nebulosus) in Chesapeake Bay tributaries. Science of the Total Environment, 2011, 410-411, 248-257.	8.0	16
28	Largemouth bass (Micropterus salmoides) and striped mullet (Mugil cephalus) as vectors of contaminants to human consumers in northwest Florida. Marine Environmental Research, 2011, 72, 96-104.	2.5	13
29	Associations Between Dioxins/Furans and Dioxin-Like PCBs in Estuarine Sediment and Blue Crab. Water, Air, and Soil Pollution, 2011, 222, 403-419.	2.4	5
30	An inducible HSP70 gene from the midge Chironomus dilutus: characterization and transcription profile under environmental stress. Insect Molecular Biology, 2009, 18, 87-96.	2.0	20
31	Mercury levels and fish consumption practices in women of child-bearing age in the Florida Panhandle. Environmental Research, 2008, 108, 320-326.	7.5	46
32	Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: Contamination profiles and risks to human consumers. Environmental Pollution, 2007, 145, 474-488.	7.5	65
33	Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL. Chemosphere, 2007, 69, 1312-1319.	8.2	24
34	Temporal Trends of Trace Metals in Sediment and Invertebrates from Stormwater Management Ponds. Water, Air, and Soil Pollution, 2007, 178, 69-77.	2.4	47
35	Molecular cloning and expression of two HSP70 genes in the prawn, Macrobrachium rosenbergii. Cell Stress and Chaperones, 2004, 9, 313.	2.9	82
36	Short-term exposures to chronically toxic copper concentrations induce HSP70 proteins in midge larvae (Chironomus tentans). Science of the Total Environment, 2003, 312, 267-272.	8.0	59

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37	Activation of a stress-induced gene by insecticides in the midge,Chironomus yoshimatsui. Journal of Biochemical and Molecular Toxicology, 2002, 16, 10-17.	3.0	58
38	TOXICITY OF WHITE PHOSPHORUS TO WATERFOWL: ACUTE EXPOSURE IN MALLARDS. Journal of Wildlife Diseases, 1997, 33, 187-197.	0.8	23