

Natalie K Karouna-Renier

List of Publications by Year in descending order

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38
papers

901
citations

430874

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454955

30
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38
docs citations

38
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular cloning and expression of two HSP70 genes in the prawn, <i>Macrobrachium rosenbergii</i> . <i>Cell Stress and Chaperones</i> , 2004, 9, 313.	2.9	82
2	Accumulation of organic and inorganic contaminants in shellfish collected in estuarine waters near Pensacola, Florida: Contamination profiles and risks to human consumers. <i>Environmental Pollution</i> , 2007, 145, 474-488.	7.5	65
3	Investigating Endocrine and Physiological Parameters of Captive American Kestrels Exposed by Diet to Selected Organophosphate Flame Retardants. <i>Environmental Science & Technology</i> , 2015, 49, 7448-7455.	10.0	60
4	Short-term exposures to chronically toxic copper concentrations induce HSP70 proteins in midge larvae (<i>Chironomus tentans</i>). <i>Science of the Total Environment</i> , 2003, 312, 267-272.	8.0	59
5	Activation of a stress-induced gene by insecticides in the midge, <i>Chironomus yoshimatsui</i> . <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 10-17.	3.0	58
6	Temporal Trends of Trace Metals in Sediment and Invertebrates from Stormwater Management Ponds. <i>Water, Air, and Soil Pollution</i> , 2007, 178, 69-77.	2.4	47
7	Mercury levels and fish consumption practices in women of child-bearing age in the Florida Panhandle. <i>Environmental Research</i> , 2008, 108, 320-326.	7.5	46
8	Toxicokinetics of Imidacloprid-Coated Wheat Seeds in Japanese Quail (<i>Coturnix japonica</i>) and an Evaluation of Hazard. <i>Environmental Science & Technology</i> , 2019, 53, 3888-3897.	10.0	46
9	Recommended approaches to the scientific evaluation of ecotoxicological hazards and risks of endocrine-active substances. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 267-279.	2.9	38
10	Current limitations and recommendations to improve testing for the environmental assessment of endocrine active substances. <i>Integrated Environmental Assessment and Management</i> , 2017, 13, 302-316.	2.9	35
11	Assessment of mitochondrial DNA damage in little brown bats (<i>Myotis lucifugus</i>) collected near a mercury-contaminated river. <i>Ecotoxicology</i> , 2014, 23, 1419-1429.	2.4	27
12	Perfluoroalkyl Contaminant Exposure and Effects in Tree Swallows Nesting at Clarks Marsh, Oscoda, Michigan, USA. <i>Archives of Environmental Contamination and Toxicology</i> , 2019, 77, 1-13.	4.1	27
13	A noninvasive, direct real-time PCR method for sex determination in multiple avian species. <i>Molecular Ecology Resources</i> , 2011, 11, 415-417.	4.8	25
14	Serum profiles of PCDDs and PCDFs, in individuals near the Escambia Wood Treating Company Superfund site in Pensacola, FL. <i>Chemosphere</i> , 2007, 69, 1312-1319.	8.2	24
15	TOXICITY OF WHITE PHOSPHORUS TO WATERFOWL: ACUTE EXPOSURE IN MALLARDS. <i>Journal of Wildlife Diseases</i> , 1997, 33, 187-197.	0.8	23
16	An inducible HSP70 gene from the midge <i>Chironomus dilutus</i> : characterization and transcription profile under environmental stress. <i>Insect Molecular Biology</i> , 2009, 18, 87-96.	2.0	20
17	Comparative embryotoxicity of a pentabrominated diphenyl ether mixture to common terns (<i>Sterna</i>) Tj ETQq1 1 0.784314 rgBT /Overlo	8.2	19
18	Sex-specific responses in neuroanatomy of hatchling American kestrels in response to embryonic exposure to the flame retardants bis(2-ethylhexyl)-2,3,4,5-tetrabromophthalate and 2-ethylhexyl-2,3,4,5-tetrabromobenzoate. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3032-3040.	4.3	18

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19	EROD activity, chromosomal damage, and oxidative stress in response to contaminants exposure in tree swallow (<i>Tachycineta bicolor</i>) nestlings from Great Lakes Areas of Concern. <i>Ecotoxicology</i> , 2017, 26, 1392-1407.	2.4	17
20	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. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 151-159.	6.0	17
21	Arsenic-related oxidative stress in experimentally-dosed wild great tit nestlings. <i>Environmental Pollution</i> , 2020, 259, 113813.	7.5	17
22	Tumor prevalence and biomarkers of genotoxicity in brown bullhead (<i>Ameiurus nebulosus</i>) in Chesapeake Bay tributaries. <i>Science of the Total Environment</i> , 2011, 410-411, 248-257.	8.0	16
23	Chesapeake Bay fish osprey (<i>Pandion haliaetus</i>) food chain: Evaluation of contaminant exposure and genetic damage. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1560-1575.	4.3	15
24	Largemouth bass (<i>Micropterus salmoides</i>) and striped mullet (<i>Mugil cephalus</i>) as vectors of contaminants to human consumers in northwest Florida. <i>Marine Environmental Research</i> , 2011, 72, 96-104.	2.5	13
25	Decadal re-evaluation of contaminant exposure and productivity of ospreys (<i>Pandion haliaetus</i>) nesting in Chesapeake Bay Regions of Concern. <i>Environmental Pollution</i> , 2015, 205, 278-290.	7.5	13
26	Gene expression, glutathione status, and indicators of hepatic oxidative stress in laughing gull (<i>Larus atricilla</i>) hatchlings exposed to methylmercury. <i>Environmental Toxicology and Chemistry</i> , 2012, 31, 2588-2596.	4.3	11
27	Tributyltin: Advancing the Science on Assessing Endocrine Disruption with an Unconventional Endocrine-Disrupting Compound. <i>Reviews of Environmental Contamination and Toxicology</i> , 2017, 245, 65-127.	1.3	11
28	Legacy and Contaminants of Emerging Concern in Tree Swallows Along an Agricultural to Industrial Gradient: Maumee River, Ohio. <i>Environmental Toxicology and Chemistry</i> , 2020, 39, 1936-1952.	4.3	10
29	Effect of 17 β -Trenbolone on Male and Female Reproduction in Japanese Quail (<i>Coturnix Japonica</i>). <i>Avian Biology Research</i> , 2012, 5, 61-68.	0.9	9
30	Thyroid disruption and oxidative stress in American kestrels following embryonic exposure to the alternative flame retardants, EHTBB and TBPH. <i>Environment International</i> , 2021, 157, 106826.	10.0	7
31	Biomarker responses of <i>Peromyscus leucopus</i> exposed to lead and cadmium in the Southeast Missouri Lead Mining District. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 104.	2.7	6
32	Associations Between Dioxins/Furans and Dioxin-Like PCBs in Estuarine Sediment and Blue Crab. <i>Water, Air, and Soil Pollution</i> , 2011, 222, 403-419.	2.4	5
33	Chromosomal damage and EROD induction in tree swallows (<i>Tachycineta bicolor</i>) along the Upper Mississippi River, Minnesota, USA. <i>Ecotoxicology</i> , 2015, 24, 1028-1039.	2.4	4
34	Effects on circulating steroid hormones and gene expression along the hypothalamus-pituitary-gonadal axis in adult Japanese quail exposed to 17 β -trenbolone across multiple generations. <i>Toxicological Sciences</i> , 2017, 157, kfx016.	3.1	4
35	Sex and Developmental Stage Related Differences in the Hepatic Transcriptome of Japanese Quail (<i>Coturnix japonica</i>) Exposed to 17 β -trenbolone. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 2559-2570.	4.3	4
36	Female hatchling American kestrels have a larger hippocampus than males: A link with sexual size dimorphism?. <i>Behavioural Brain Research</i> , 2018, 349, 98-101.	2.2	2

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37	Establishment of baseline cytology metrics in nestling American kestrels (<i>Falco sparverius</i>): Immunomodulatory effects of the flame retardant isopropylated triarylphosphate isomers. <i>Environment International</i> , 2021, 157, 106779.	10.0	1
38	Exposure to crop production alters cecal prokaryotic microbiota, inflates virulome and resistome in wild prairie grouse. <i>Environmental Pollution</i> , 2022, 306, 119418.	7.5	0