Diane S Henshel

List of Publications by Year
in descending order

56	1,814	393982	264894
papers	citations	19 h-index	42 g-index

56	56	56	2137
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinical and Experimental Applications of NIR-LED Photobiomodulation. Photomedicine and Laser Surgery, 2006, 24, 121-128.	2.1	319
2	The Pine River Statement: Human Health Consequences of DDT Use. Environmental Health Perspectives, 2009, 117, 1359-1367.	2.8	250
3	An investigation of the relationship between air emissions of volatile organic compounds and the incidence of cancer in Indiana counties. Environmental Research, 2006, 100, 242-254.	3.7	167
4	Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation. Electromagnetic Biology and Medicine, 2016, 35, 186-202.	0.7	158
5	Fish Consumption, Fish Lore, and Mercury Pollutionâ€"Risk Communication for the Madeira River People. Environmental Research, 2000, 84, 108-126.	3.7	74
6	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. Environmental Toxicology and Chemistry, 1997, 16, 260-271.	2.2	62
7	Morphometric abnormalities in brains of great blue heron hatchlings exposed in the wild to PCDDs.. Environmental Health Perspectives, 1995, 103, 61-66.	2.8	55
8	The relative sensitivity of chicken embryos to yolkâ€•or airâ€•cellâ€•injected 2,3,7,8â€•tetrachlorodibenzoâ€•pâ€•dioxin. Environmental Toxicology and Chemistry, 1997, 16, 725-732.	2.2	36
9	Effects of lowâ€•level light therapy on hepatic antioxidant defense in acute and chronic diabetic rats. Journal of Biochemical and Molecular Toxicology, 2009, 23, 1-8.	1.4	36
10	Effects of 670-nm Phototherapy on Development. Photomedicine and Laser Surgery, 2005, 23, 268-272.	2.1	35
11	Trust as a Human Factor in Holistic Cyber Security Risk Assessment. Procedia Manufacturing, 2015, 3, 1117-1124.	1.9	34
12	Linear Regression Models of Methyl Mercury Exposure during Prenatal and Early Postnatal Life among Riverside People along the Upper Madeira River, Amazon. Environmental Research, 2000, 83, 150-161.	3.7	32
13	Developmental neurotoxic effects of dioxin and dioxinâ€•like compounds on domestic and wild avian species. Environmental Toxicology and Chemistry, 1998, 17, 88-98.	2.2	31
14	Characterizing and Measuring Maliciousness for Cybersecurity Risk Assessment. Frontiers in Psychology, 2018, 9, 39.	1.1	31
15	EXTERNAL HEART DEFORMITIES IN PASSERINE BIRDS EXPOSED TO ENVIRONMENTAL MIXTURES OF POLYCHLORINATED BIPHENYLS DURING DEVELOPMENT. Environmental Toxicology and Chemistry, 2006, 25, 541.	2.2	30
16	Brain asymmetry as a potential biomarker for developmental TCDD intoxication: a dose-response study.. Environmental Health Perspectives, 1997, 105, 718-725.	2.8	29
17	Effects of low-level light therapy on streptozotocin-induced diabetic kidney. Journal of Photochemistry and Photobiology B: Biology, 2010, 99, 105-110.	1.7	28
18	Organochlorine Contaminants and Biomarker Response in Double-Crested Cormorants Nesting in Green Bay and Lake Michigan, Wisconsin, USA. Archives of Environmental Contamination and Toxicology, 2001, 40, 89-100.	2.1	25

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19	Environmental Toxicity Studies Using Chickens as Surrogates for Wildlife: Effects of Injection Day. Archives of Environmental Contamination and Toxicology, 2005, 48, 270-277.	2.1	20
20	GSM 900 MHz cellular phone radiation can either stimulate or depress early embryogenesis in Japanese quails depending on the duration of exposure. International Journal of Radiation Biology, 2013, 89, 756-763.	1.0	20
21	Predicting proficiency in cyber defense team exercises. , 2016, , .		20
22	Melatonin as a principal component of red light therapy. Medical Hypotheses, 2007, 69, 372-376.	0.8	19
23	Suppression of Endogenous Antioxidant Enzymes by 2,3,7,8-Tetrachlorodibenzo-p-dioxinâ€“Induced Oxidative Stress in Chicken Liver During Development. Archives of Environmental Contamination and Toxicology, 2007, 52, 590-595.	2.1	19
24	Attenuation of TCDDâ€induced oxidative stress by 670 nm photobiomodulation in developmental chicken kidney. Journal of Biochemical and Molecular Toxicology, 2008, 22, 230-239.	1.4	19
25	Environmental Toxicity Studies Using Chickens as Surrogates for Wildlife: Effects of Vehicle Volume. Archives of Environmental Contamination and Toxicology, 2005, 48, 260-269.	2.1	18
26	Morphometric Brain Abnormalities in Double-Crested Cormorant Chicks Exposed to Polychlorinated Dibenzo-p-Dioxins, Dibenzofurans, and Biphenyls. Journal of Great Lakes Research, 1997, 23, 11-26.	0.8	17
27	Integrating Cultural Factors into Human Factors Framework and Ontology for Cyber Attackers. Advances in Intelligent Systems and Computing, 2016, , 123-137.	0.5	17
28	Effects of environmentally relevant concentrations of 2,3,7,8-TCDD on domestic chicken immune function and CYP450 activity: F1 generation and EGG injection studies. Chemosphere, 1998, 37, 1923-1939.	4.2	16
29	Defining Cyber Security and Cyber Security Risk within a Multidisciplinary Context using Expert Elicitation. Risk Analysis, 2022, 42, 1643-1669.	1.5	16
30	Age structure and growth of Semotilus atromaculatus(Mitchill) in PCB-contaminated streams. Journal of Fish Biology, 2006, 68, 44-62.	0.7	14
31	Community as an equal partner for region-based climate change vulnerability, risk, and resilience assessments. Current Opinion in Environmental Sustainability, 2019, 39, 24-30.	3.1	14
32	Organochlorines, Mercury, and Selenium in Great Blue Heron Eggs from Indiana Dunes National Lakeshore, Indiana. Journal of Great Lakes Research, 1998, 24, 3-11.	0.8	13
33	670 nanometer light treatment attenuates dioxin toxicity in the developing chick embryo. Journal of Biochemical and Molecular Toxicology, 2006, 20, 271-278.	1.4	13
34	Survivorship and Mortality Implications of Developmental 670-nm Phototherapy: Dioxin Co-exposure. Photomedicine and Laser Surgery, 2006, 24, 29-32.	2.1	12
35	Segmental hair mercury evaluation of a single family along the Upper Madeira Basin, Brazilian Amazon. Cadernos De Saude Publica, 2000, 16, 681-686.	0.4	10
36	GSM 900 MHz microwave radiation affects embryo development of Japanese quails. Electromagnetic Biology and Medicine, 2012, 31, 75-86.	0.7	10

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37	Parameterization Framework and Quantification Approach for Integrated Risk and Resilience Assessments. Integrated Environmental Assessment and Management, 2021, 17, 131-146.	1.6	10
38	THE RELATIVE SENSITIVITY OF CHICKEN EMBRYOS TO YOLK- OR AIR-CELL-INJECTED 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN. Environmental Toxicology and Chemistry, 1997, 16, 725.	2.2	10
39	Site Specific PCB-Correlated Interspecies Differences in Organ Somatic Indices. Ecotoxicology, 2006, 15, 9-18.	1.1	9
40	Catecholamine effects on dissociated tiger salamander Muller (glial) cells. Brain Research, 1992, 575, 208-214.	1.1	8
41	Is It Time For A Great Lakes Ecosystem Management Agreement Separate from the Great Lakes Water Quality Agreement?. Journal of Great Lakes Research, 1999, 25, 237-238.	0.8	7
42	Fatty acid metabolism in neonatal chickens (Gallus domesticus) treated with 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) or 3,3â€²,4,4â€²,5-pentachlorobiphenyl (PCB-126) in ovo. Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2003, 136, 73-84.	1.3	7
43	Severe craniofacial malformations resulting from developmental exposure to dioxin. Reproductive Toxicology, 2006, 22, 811-812.	1.3	7
44	Effects of in ovo exposure to 2,3,7,8-TCDD on F1 generation adult chickens (Gallus gallus). Chemosphere, 1998, 37, 1873-1883.	4.2	6
45	Using Chicken Embryos for Teratology Studies. Current Protocols in Toxicology / Editorial Board, Mahin D Maines (editor-in-chief) [et Al], 2002, 14, Unit 13.4.1-19.	1.1	6
46	Brief Report: Embryonic Growth and Hatching Implications of Developmental 670-nm Phototherapy and Dioxin Co-exposure. Photomedicine and Laser Surgery, 2006, 24, 410-413.	2.1	6
47	DEVELOPMENTAL NEUROTOXIC EFFECTS OF DIOXIN AND DIOXIN-LIKE COMPOUNDS ON DOMESTIC AND WILD AVIAN SPECIES. Environmental Toxicology and Chemistry, 1998, 17, 88.	2.2	5
48	Modeling cybersecurity risks: Proof of concept of a holistic approach for integrated risk quantification. , 2016, , .		4
49	Roundtable Discussion Groups Summary Papers: New Bioindicators for Mercury Toxicological Assessment: Recommendations from the First International Bioindicators Roundtable. Environmental Bioindicators, 2007, 2, 183-207.	0.4	3
50	Acceleration of the Meckel Syndrome by Near-Infrared Light Therapy. Nephron Extra, 2011, 1, 224-234.	1.1	3
51	Graphical Methods for Exploratory Analysis of Complex Data Sets. BioScience, 2007, 57, 673-679.	2.2	2
52	Melatonin Does Not Affect Luteinizing Hormone-Releasing Hormone Binding to Neonatal Rat Anterior Pituitary Membranes. Neuroendocrinology, 1982, 34, 421-425.	1.2	1
53	Control of Glutathione Synthesis in Early Embryo Development. Toxicological Sciences, 2004, 81, 257-259.	1.4	1
54	Detailed Disruptor Data. Trends in Endocrinology and Metabolism, 1999, 10, 201-204.	3.1	0

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55	ISEBI Update. Environmental Bioindicators, 2009, 4, 194-194.	0.4	0
56	Environmental Toxicity Studies Using Chickens as Surrogates for Wildlife: Effects of Vehicle Volume. Archives of Environmental Contamination and Toxicology, 0, , .	2.1	0