

Turk Rhen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

4,129
citations

279701

23
h-index

197736

49
g-index

51
all docs

51
docs citations

51
times ranked

5750
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitivity of a Model Reptile, the Common Snapping Turtle (<i>Chelydra serpentina</i>), to In Ovo Exposure to 2,3,7,8-Tetrachlorodibenzo-p-dioxin and Other Dioxin-Like Chemicals. <i>Environmental Toxicology and Chemistry</i> , 2022, 41, 175-183.	2.2	3
2	Evolutionary Turnover in Wnt Gene Expression but Conservation of Wnt Signaling during Ovary Determination in a TSD Reptile. <i>Sexual Development</i> , 2021, 15, 47-68.	1.1	4
3	Cardiovascular responses to putative chemoreceptor stimulation of embryonic common snapping turtles (<i>Chelydra serpentina</i>) chronically incubated in hypoxia (10% O ₂). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2021, 259, 110977.	0.8	1
4	Developmental programming of DNA methylation and gene expression patterns is associated with extreme cardiovascular tolerance to anoxia in the common snapping turtle. <i>Epigenetics and Chromatin</i> , 2021, 14, 42.	1.8	10
5	Incubation temperature and satiety influence general locomotor and exploratory behaviors in the common snapping turtle (<i>Chelydra serpentina</i>). <i>Physiology and Behavior</i> , 2020, 220, 112875.	1.0	4
6	Draft Genome of the Common Snapping Turtle, <i>Chelydra serpentina</i> , a Model for Phenotypic Plasticity in Reptiles. <i>G3: Genes, Genomes, Genetics</i> , 2020, 10, 4299-4314.	0.8	10
7	Embryonic Temperature Programs Phenotype in Reptiles. <i>Frontiers in Physiology</i> , 2020, 11, 35.	1.3	43
8	Role for androgens in determination of ovarian fate in the common snapping turtle, <i>Chelydra serpentina</i> . <i>General and Comparative Endocrinology</i> , 2019, 281, 7-16.	0.8	3
9	Spatial and genetic structure of directly-transmitted parasites reflects the distribution of their specific amphibian hosts. <i>Population Ecology</i> , 2018, 60, 261-273.	0.7	5
10	Developmental plasticity in reptiles: Critical evaluation of the evidence for genetic and maternal effects on temperature-dependent sex determination. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 287-297.	0.9	8
11	The genetics of thermosensitive sex determination. <i>Temperature</i> , 2017, 4, 109-111.	1.6	4
12	Characterization of the FoxL2 proximal promoter and coding sequence from the common snapping turtle (<i>Chelydra serpentina</i>). <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2017, 212, 45-55.	0.8	2
13	Periods of cardiovascular susceptibility to hypoxia in embryonic american alligators (<i>Alligator</i>) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Physiology</i> , 2016, 310, R1267-R1278.	0.9	19
14	Transcriptome analysis of the painted lady butterfly, <i>Vanessa cardui</i> during wing color pattern development. <i>BMC Genomics</i> , 2016, 17, 270.	1.2	28
15	Atrazine alters expression of reproductive and stress genes in the developing hypothalamus of the snapping turtle, <i>Chelydra serpentina</i> . <i>Toxicology</i> , 2016, 366-367, 1-9.	2.0	18
16	Phenotypic plasticity in the common snapping turtle (<i>Chelydra serpentina</i>): long-term physiological effects of chronic hypoxia during embryonic development. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2016, 310, R176-R184.	0.9	22
17	A Novel Candidate Gene for Temperature-Dependent Sex Determination in the Common Snapping Turtle. <i>Genetics</i> , 2016, 203, 557-571.	1.2	85
18	Physiological Perturbation Reveals Modularity of Eyespot Development in the Painted Lady Butterfly, <i>Vanessa cardui</i> . <i>PLoS ONE</i> , 2016, 11, e0161745.	1.1	6

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19	Maternal low-protein diet causes body weight loss in male, neonate Sprague-Dawley rats involving UCP-1-mediated thermogenesis. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 729-735.	1.9	23
20	Molecular and morphological differentiation of testes and ovaries in relation to the thermosensitive period of gonad development in the snapping turtle, <i>Chelydra serpentina</i> . <i>Differentiation</i> , 2015, 89, 31-41.	1.0	23
21	Critical Windows of Cardiovascular Susceptibility to Developmental Hypoxia in Common Snapping Turtle (<i>Chelydra serpentina</i>) Embryos. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 103-115.	0.6	30
22	Steroid Hormone Action. , 2014, , 93-107.e3.		1
23	Adjustments in cholinergic, adrenergic and purinergic control of cardiovascular function in snapping turtle embryos (<i>Chelydra serpentina</i>) incubated in chronic hypoxia. <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2014, 184, 891-902.	0.7	14
24	Temperature-dependent sex determination modulates cardiovascular maturation in embryonic snapping turtles, <i>Chelydra serpentina</i> . <i>Journal of Experimental Biology</i> , 2013, 216, 751-8.	0.8	20
25	Plasticity of cardiovascular function in snapping turtle embryos (<i>Chelydra serpentina</i>): chronic hypoxia alters autonomic regulation and gene expression. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R966-R979.	0.9	32
26	Chronic hypoxia (10% O ₂) alters cardiovascular regulation and gene expression in Snapping turtle embryos (<i>Chelydra serpentina</i>). <i>FASEB Journal</i> , 2013, 27, 714.15.	0.2	0
27	The oxysterol 27-hydroxycholesterol regulates β -synuclein and tyrosine hydroxylase expression levels in human neuroblastoma cells through modulation of liver X receptors and estrogen receptors—relevance to Parkinson's disease. <i>Journal of Neurochemistry</i> , 2011, 119, 1119-1136.	2.1	74
28	Segregating variation for temperature-dependent sex determination in a lizard. <i>Heredity</i> , 2011, 106, 649-660.	1.2	48
29	The platelet-derived growth factor signaling system in snapping turtle embryos, <i>Chelydra serpentina</i> : Potential role in temperature-dependent sex determination and testis development. <i>General and Comparative Endocrinology</i> , 2009, 161, 335-343.	0.8	12
30	Constraints on temperature-dependent sex determination in the leopard gecko (<i>Eublepharis macularius</i>). <i>Evolution</i> , 2007, 61, 1075-1082.	0.6	7
31	Expression of Putative Sex-Determining Genes during the Thermosensitive Period of Gonad Development in the Snapping Turtle, <i>Chelydra serpentina</i> . <i>Sexual Development</i> , 2007, 1, 255-270.	1.1	92
32	Reproductive tradeoffs and yolk steroids in female leopard geckos, <i>Eublepharis macularius</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1819-1829.	0.8	23
33	Estrogens and Glucocorticoids Have Opposing Effects on the Amount and Latent Activity of Complement Proteins in the Rat Uterus. <i>Biology of Reproduction</i> , 2006, 74, 265-274.	1.2	30
34	Effects of gonadal sex and incubation temperature on the ontogeny of gonadal steroid concentrations and secondary sex structures in leopard geckos, <i>Eublepharis macularius</i> . <i>General and Comparative Endocrinology</i> , 2005, 142, 289-296.	0.8	24
35	Antiinflammatory Action of Glucocorticoids—New Mechanisms for Old Drugs. <i>New England Journal of Medicine</i> , 2005, 353, 1711-1723.	13.9	2,564
36	Changes in androgen receptor mRNA expression in the forebrain and oviduct during the reproductive cycle of female leopard geckos, <i>Eublepharis macularius</i> . <i>General and Comparative Endocrinology</i> , 2003, 132, 133-141.	0.8	15

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37	Dexamethasone blocks the rapid biological effects of 17 β -estradiol in the rat uterus without antagonizing its global genomic actions. <i>FASEB Journal</i> , 2003, 17, 1849-1870.	0.2	69
38	Distribution of androgen and estrogen receptor mRNA in the brain and reproductive tissues of the leopard gecko, <i>Eublepharis macularius</i> . <i>Journal of Comparative Neurology</i> , 2001, 437, 385-397.	0.9	45
39	Organization and Activation of Sexual and Agonistic Behavior in the Leopard Gecko, <i>Eublepharis macularius</i> . <i>Neuroendocrinology</i> , 2000, 71, 252-261.	1.2	54
40	Sex Steroid Levels across the Reproductive Cycle of Female Leopard Geckos, <i>Eublepharis macularius</i> , from Different Incubation Temperatures. <i>General and Comparative Endocrinology</i> , 2000, 118, 322-331.	0.8	51
41	Embryonic Temperature and Gonadal Sex Organize Male-Typical Sexual and Aggressive Behavior in a Lizard with Temperature-Dependent Sex Determination. <i>Endocrinology</i> , 1999, 140, 4501-4508.	1.4	57
42	Incubation Temperature Influences Sex-Steroid Levels in Juvenile Red-Eared Slider Turtles, <i>Trachemys scripta</i> , a Species with Temperature-Dependent Sex Determination. <i>Biology of Reproduction</i> , 1999, 61, 1275-1280.	1.2	19
43	Effects of Testosterone on Sexual Behavior and Morphology in Adult Female Leopard Geckos, <i>Eublepharis macularius</i> . <i>Hormones and Behavior</i> , 1999, 36, 119-128.	1.0	40
44	Embryonic Temperature and Gonadal Sex Organize Male-Typical Sexual and Aggressive Behavior in a Lizard with Temperature-Dependent Sex Determination. <i>Endocrinology</i> , 1999, 140, 4501-4508.	1.4	18
45	AMONG-FAMILY VARIATION FOR ENVIRONMENTAL SEX DETERMINATION IN REPTILES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1514-1520.	1.1	81
46	Among-Family Variation for Environmental Sex Determination in Reptiles. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1514.	1.1	35
47	The Relative Effectiveness of Estrone, Estradiol-17 β , and Estriol in Sex Reversal in the Red-Eared Slider (<i>Trachemys scripta</i>), a Turtle with Temperature-Dependent Sex Determination. <i>General and Comparative Endocrinology</i> , 1996, 102, 317-326.	0.8	47
48	Sex-reversed and normal turtles display similar sex steroid profiles. <i>The Journal of Experimental Zoology</i> , 1996, 274, 221-226.	1.4	19
49	Phenotypic Plasticity for Growth in the Common Snapping Turtle: Effects of Incubation Temperature, Clutch, and Their Interaction. <i>American Naturalist</i> , 1995, 146, 726-747.	1.0	159
50	The Relative Effectiveness of Androstenedione, Testosterone, and Estrone, Precursors to Estradiol, in Sex Reversal in the Red-Eared Slider (<i>Trachemys scripta</i>), a Turtle with Temperature-Dependent Sex Determination. <i>General and Comparative Endocrinology</i> , 1995, 100, 119-127.	0.8	26
51	Temperature-Dependent Sex Determination in the Snapping Turtle: Manipulation of the Embryonic Sex Steroid Environment. <i>General and Comparative Endocrinology</i> , 1994, 96, 243-254.	0.8	102