Turk Rhen

List of Publications by Year
in descending order

51 papers	4,129 citations	279798 23 h-index	197818 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 (Chelydra serpentina), to In Ovo Exposure to 2,3,7,8â€Tetrachlorodibenzoâ€•p â€Dioxin and Other Dioxinâ€Like Chemicals. Environmental Toxicology and Chemistry, 2022, 41, 175-183.	4.3	3
2	Evolutionary Turnover in Wnt Gene Expression but Conservation of Wnt Signaling during Ovary Determination in a TSD Reptile. Sexual Development, 2021, 15, 47-68.	2.0	4
3	Cardiovascular responses to putative chemoreceptor stimulation of embryonic common snapping turtles (Chelydra serpentina) chronically incubated in hypoxia (10% O2). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2021, 259, 110977.	1.8	1
4	Developmental programming of DNA methylation and gene expression patterns is associated with extreme cardiovascular tolerance to anoxia in the common snapping turtle. Epigenetics and Chromatin, 2021, 14, 42.	3.9	10
5	Incubation temperature and satiety influence general locomotor and exploratory behaviors in the common snapping turtle (Chelydra serpentina). Physiology and Behavior, 2020, 220, 112875.	2.1	4
6	Draft Genome of the Common Snapping Turtle,Chelydra serpentina, a Model for Phenotypic Plasticity in Reptiles. G3: Genes, Genomes, Genetics, 2020, 10, 4299-4314.	1.8	10
7	Embryonic Temperature Programs Phenotype in Reptiles. Frontiers in Physiology, 2020, 11, 35.	2.8	43
8	Role for androgens in determination of ovarian fate in the common snapping turtle, Chelydra serpentina. General and Comparative Endocrinology, 2019, 281, 7-16.	1.8	3
9	Spatial and genetic structure of directlyâ€transmitted parasites reflects the distribution of their specific amphibian hosts. Population Ecology, 2018, 60, 261-273.	1.2	5
10	Developmental plasticity in reptiles: Critical evaluation of the evidence for genetic and maternal effects on temperatureâ€dependent sex determination. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2018, 329, 287-297.	1.9	8
11	The genetics of thermosensitive sex determination. Temperature, 2017, 4, 109-111.	3.0	4
12	Characterization of the FoxL2 proximal promoter and coding sequence from the common snapping turtle (Chelydra serpentina). Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2017, 212, 45-55.	1.8	2
13	Periods of cardiovascular susceptibility to hypoxia in embryonic american alligators (Alligator) Tj ETQq1 1 0.784314 rgBT /Overlock Physiology, 2016, 310, R1267-R1278.	1.8	19
14	Transcriptome analysis of the painted lady butterfly, Vanessa cardui during wing color pattern development. BMC Genomics, 2016, 17, 270.	2.8	28
15	Atrazine alters expression of reproductive and stress genes in the developing hypothalamus of the snapping turtle, Chelydra serpentina. Toxicology, 2016, 366-367, 1-9.	4.2	18
16	Phenotypic plasticity in the common snapping turtle (Chelydra serpentina): long-term physiological effects of chronic hypoxia during embryonic development. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2016, 310, R176-R184.	1.8	22
17	A Novel Candidate Gene for Temperature-Dependent Sex Determination in the Common Snapping Turtle. Genetics, 2016, 203, 557-571.	2.9	85
18	Physiological Perturbation Reveals Modularity of Eyespot Development in the Painted Lady Butterfly, Vanessa cardui. PLoS ONE, 2016, 11, e0161745.	2.5	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. Journal of Nutritional Biochemistry, 2015, 26, 729-735.	4.2	23
20	Molecular and morphological differentiation of testes and ovaries in relation to the thermosensitive period of gonad development in the snapping turtle, Chelydra serpentina. Differentiation, 2015, 89, 31-41.	1.9	23
21	Critical Windows of Cardiovascular Susceptibility to Developmental Hypoxia in Common Snapping Turtle (Chelydra serpentina) Embryos. Physiological and Biochemical Zoology, 2015, 88, 103-115.	1.5	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 (Chelydra serpentina) incubated in chronic hypoxia. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2014, 184, 891-902.	1.5	14
24	Temperature-dependent sex determination modulates cardiovascular maturation in embryonic snapping turtles, Chelydra serpentina. Journal of Experimental Biology, 2013, 216, 751-8.	1.7	20
25	Plasticity of cardiovascular function in snapping turtle embryos (Chelydra serpentina): chronic hypoxia alters autonomic regulation and gene expression. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R966-R979.	1.8	32
26	Chronic hypoxia (10% O 2) alters cardiovascular regulation and gene expression in Snapping turtle embryos (Chelydra serpentina). FASEB Journal, 2013, 27, 714.15.	0.5	0
27	The oxysterol 27â€hydroxycholesterol regulates Î±â€synuclein and tyrosine hydroxylase expression levels in human neuroblastoma cells through modulation of liver X receptors and estrogen receptorsâ€"relevance to Parkinsonâ€™s disease. Journal of Neurochemistry, 2011, 119, 1119-1136.	3.9	74
28	Segregating variation for temperature-dependent sex determination in a lizard. Heredity, 2011, 106, 649-660.	2.6	48
29	The platelet-derived growth factor signaling system in snapping turtle embryos, Chelydra serpentina: Potential role in temperature-dependent sex determination and testis development. General and Comparative Endocrinology, 2009, 161, 335-343.	1.8	12
30	Constraints on temperature-dependent sex determination in the leopard gecko (Eublepharis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	1.6	7
31	Expression of Putative Sex-Determining Genes during the Thermosensitive Period of Gonad Development in the Snapping Turtle, <i>Chelydra serpentina</i>. Sexual Development, 2007, 1, 255-270.	2.0	92
32	Reproductive tradeoffs and yolk steroids in female leopard geckos, Eublepharis macularius. Journal of Evolutionary Biology, 2006, 19, 1819-1829.	1.7	23
33	Estrogens and Glucocorticoids Have Opposing Effects on the Amount and Latent Activity of Complement Proteins in the Rat Uterus. Biology of Reproduction, 2006, 74, 265-274.	2.7	30
34	Effects of gonadal sex and incubation temperature on the ontogeny of gonadal steroid concentrations and secondary sex structures in leopard geckos, Eublepharis macularius. General and Comparative Endocrinology, 2005, 142, 289-296.	1.8	24
35	Antiinflammatory Action of Glucocorticoids â€" New Mechanisms for Old Drugs. New England Journal of Medicine, 2005, 353, 1711-1723.	27.0	2,564
36	Changes in androgen receptor mRNA expression in the forebrain and oviduct during the reproductive cycle of female leopard geckos, Eublepharis macularius. General and Comparative Endocrinology, 2003, 132, 133-141.	1.8	15

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37	Dexamethasone blocks the rapid biological effects of 17Î²â€estradiol in the rat uterus without antagonizing its global genomic actions. FASEB Journal, 2003, 17, 1849-1870.	0.5	69
38	Distribution of androgen and estrogen receptor mRNA in the brain and reproductive tissues of the leopard gecko,Eublepharis macularius. Journal of Comparative Neurology, 2001, 437, 385-397.	1.6	45
39	Organization and Activation of Sexual and Agonistic Behavior in theLeopard Gecko, Eublepharis macularius. Neuroendocrinology, 2000, 71, 252-261.	2.5	54
40	Sex Steroid Levels across the Reproductive Cycle of Female Leopard Geckos, Eublepharis macularius, from Different Incubation Temperatures. General and Comparative Endocrinology, 2000, 118, 322-331.	1.8	51
41	Embryonic Temperature and Gonadal Sex Organize Male-Typical Sexual and Aggressive Behavior in a Lizard with Temperature-Dependent Sex Determination1. Endocrinology, 1999, 140, 4501-4508.	2.8	57
42	Incubation Temperature Influences Sex-Steroid Levels in Juvenile Red-Eared Slider Turtles, Trachemys scripta, a Species with Temperature-Dependent Sex Determination1. Biology of Reproduction, 1999, 61, 1275-1280.	2.7	19
43	Effects of Testosterone on Sexual Behavior and Morphology in Adult Female Leopard Geckos, Eublepharis macularius. Hormones and Behavior, 1999, 36, 119-128.	2.1	40
44	Embryonic Temperature and Gonadal Sex Organize Male-Typical Sexual and Aggressive Behavior in a Lizard with Temperature-Dependent Sex Determination. Endocrinology, 1999, 140, 4501-4508.	2.8	18
45	AMONGâ€FAMILY VARIATION FOR ENVIRONMENTAL SEX DETERMINATION IN REPTILES. Evolution; International Journal of Organic Evolution, 1998, 52, 1514-1520.	2.3	81
46	Among-Family Variation for Environmental Sex Determination in Reptiles. Evolution; International Journal of Organic Evolution, 1998, 52, 1514.	2.3	35
47	The Relative Effectiveness of Estrone, Estradiol-17Î², and Estriol in Sex Reversal in the Red-Eared Slider (Trachemys scripta), a Turtle with Temperature-Dependent Sex Determination. General and Comparative Endocrinology, 1996, 102, 317-326.	1.8	47
48	Sex-reversed and normal turtles display similar sex steroid profiles. The Journal of Experimental Zoology, 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. American Naturalist, 1995, 146, 726-747.	2.1	159
50	The Relative Effectiveness of Androstenedione, Testosterone, and Estrone, Precursors to Estradiol, in Sex Reversal in the Red-Eared Slider (Trachemys scripta), a Turtle with Temperature-Dependent Sex Determination. General and Comparative Endocrinology, 1995, 100, 119-127.	1.8	26
51	Temperature-Dependent Sex Determination in the Snapping Turtle: Manipulation of the Embryonic Sex Steroid Environment. General and Comparative Endocrinology, 1994, 96, 243-254.	1.8	102