

Turk Rhen

List of Publications by Year in descending order

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Version: 2024-02-01

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	Antiinflammatory Action of Glucocorticoids â€” New Mechanisms for Old Drugs. <i>New England Journal of Medicine</i> , 2005, 353, 1711-1723.	27.0	2,564
2	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.	2.1	159
3	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.	1.8	102
4	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.	2.0	92
5	A Novel Candidate Gene for Temperature-Dependent Sex Determination in the Common Snapping Turtle. <i>Genetics</i> , 2016, 203, 557-571.	2.9	85
6	AMONGâ€FAMILY VARIATION FOR ENVIRONMENTAL SEX DETERMINATION IN REPTILES. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1514-1520.	2.3	81
7	The oxysterol 27â€hydroxycholesterol regulates β -synuclein and tyrosine hydroxylase expression levels in human neuroblastoma cells through modulation of liver X receptors and estrogen receptorsâ€relevance to Parkinsonâ€™s disease. <i>Journal of Neurochemistry</i> , 2011, 119, 1119-1136.	3.9	74
8	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.	0.5	69
9	Embryonic Temperature and Gonadal Sex Organize Male-Typical Sexual and Aggressive Behavior in a Lizard with Temperature-Dependent Sex Determination1. <i>Endocrinology</i> , 1999, 140, 4501-4508.	2.8	57
10	Organization and Activation of Sexual and Agonistic Behavior in the Leopard Gecko, <i>Eublepharis macularius</i>. <i>Neuroendocrinology</i> , 2000, 71, 252-261.	2.5	54
11	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.	1.8	51
12	Segregating variation for temperature-dependent sex determination in a lizard. <i>Heredity</i> , 2011, 106, 649-660.	2.6	48
13	The Relative Effectiveness of Estrone, Estradiol-17 β , and Estrinol 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.	1.8	47
14	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.	1.6	45
15	Embryonic Temperature Programs Phenotype in Reptiles. <i>Frontiers in Physiology</i> , 2020, 11, 35.	2.8	43
16	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.	2.1	40
17	Among-Family Variation for Environmental Sex Determination in Reptiles. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1514.	2.3	35
18	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.	1.8	32

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19	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.	2.7	30
20	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.	1.5	30
21	Transcriptome analysis of the painted lady butterfly, <i>Vanessa cardui</i> during wing color pattern development. <i>BMC Genomics</i> , 2016, 17, 270.	2.8	28
22	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.	1.8	26
23	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.	1.8	24
24	Reproductive tradeoffs and yolk steroids in female leopard geckos, <i>Eublepharis macularius</i> . <i>Journal of Evolutionary Biology</i> , 2006, 19, 1819-1829.	1.7	23
25	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.	4.2	23
26	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.	1.9	23
27	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.	1.8	22
28	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.	1.7	20
29	Sex-reversed and normal turtles display similar sex steroid profiles. <i>The Journal of Experimental Zoology</i> , 1996, 274, 221-226.	1.4	19
30	Incubation Temperature Influences Sex-Steroid Levels in Juvenile Red-Eared Slider Turtles, <i>Trachemys scripta</i> , a Species with Temperature-Dependent Sex Determination1. <i>Biology of Reproduction</i> , 1999, 61, 1275-1280.	2.7	19
31	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.	1.8	19
32	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.	4.2	18
33	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.	2.8	18
34	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.	1.8	15
35	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.	1.5	14
36	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.	1.8	12

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37	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.	3.9	10
38	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.	1.8	10
39	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.	1.9	8
40	Constraints on temperature-dependent sex determination in the leopard gecko (<i>Eublepharis</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622	1.6	7
41	Physiological Perturbation Reveals Modularity of Eyespot Development in the Painted Lady Butterfly, <i>Vanessa cardui</i> . <i>PLoS ONE</i> , 2016, 11, e0161745.	2.5	6
42	Spatial and genetic structure of directly-transmitted parasites reflects the distribution of their specific amphibian hosts. <i>Population Ecology</i> , 2018, 60, 261-273.	1.2	5
43	The genetics of thermosensitive sex determination. <i>Temperature</i> , 2017, 4, 109-111.	3.0	4
44	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.	2.1	4
45	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.	2.0	4
46	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.	1.8	3
47	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.	4.3	3
48	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.	1.8	2
49	Steroid Hormone Action. , 2014, , 93-107.e3.		1
50	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.	1.8	1
51	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.	0.5	0