David Crews

List of Publications by Year
in descending order

82 papers	5,106 citations	81900 39 h-index	85541 71 g-index
85 all docs	85 docs citations	85 times ranked	3706 citing authors

#	Article	IF	Citations
1	Evolutionary insights into sexual behavior from whiptail lizards. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 88-98.	1.9	6
2	Effects of endocrineâ€disrupting chemicals on hypothalamic oxytocin and vasopressin systems. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 75-87.	1.9	10
3	Unfinished business. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 99-102.	1.9	0
4	Two Hits of EDCs Three Generations Apart: Effects on Social Behaviors in Rats, and Analysis by Machine Learning. Toxics, 2022, 10, 30.	3.7	3
5	EDCs Reorganize Brain-Behavior Phenotypic Relationships in Rats. Journal of the Endocrine Society, 2021, 5, bvab021.	0.2	5
6	The relation between liver damage and reproduction in female Japanese quail (Coturnix japonica) exposed to high ambient temperature. Poultry Science, 2020, 99, 4586-4597.	3.4	9
7	Prenatal EDCs Impair Mate and Odor Preference and Activation of the VMN in Male and Female Rats. Endocrinology, 2020, 161, .	2.8	10
8	Endocrine-disrupting chemicals alter the neuromolecular phenotype in F2 generation adult male rats. Physiology and Behavior, 2019, 211, 112674.	2.1	10
9	Social and neuromolecular phenotypes are programmed by prenatal exposures to endocrine-disrupting chemicals. Molecular and Cellular Endocrinology, 2019, 479, 133-146.	3.2	30
10	Maternal care modulates transgenerational effects of endocrine-disrupting chemicals on offspring pup vocalizations and adult behaviors. Hormones and Behavior, 2019, 107, 96-109.	2.1	16
11	Mate choice, sexual selection, and endocrine-disrupting chemicals. Hormones and Behavior, 2018, 101, 3-12.	2.1	33
12	Passing experiences on to future generations: endocrine disruptors and transgenerational inheritance of epimutations in brain and sperm. Epigenetics, 2018, 13, 1106-1126.	2.7	47
13	Effects of the Endocrine-Disrupting Chemicals, Vinclozolin and Polychlorinated Biphenyls, on Physiological and Sociosexual Phenotypes in F2 Generation Sprague-Dawley Rats. Environmental Health Perspectives, 2018, 126, 97005.	6.0	35
14	Application of a novel social choice paradigm to assess effects of prenatal endocrine-disrupting chemical exposure in rats (Rattus norvegicus).. Journal of Comparative Psychology (Washington, D C:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	23
15	Anxiety-like behaviors in adulthood are altered in male but not female rats exposed to low dosages of polychlorinated biphenyls in utero. Hormones and Behavior, 2017, 87, 8-15.	2.1	52
16	Temperature Shift Alters DNA Methylation and Histone Modification Patterns in Gonadal Aromatase (cyp19a1) Gene in Species with Temperature-Dependent Sex Determination. PLoS ONE, 2016, 11, e0167362.	2.5	48
17	Hazards inherent in interdisciplinary behavioral research. Frontiers in Zoology, 2015, 12, S21.	2.0	3
18	Distinct actions of ancestral vinclozolin and juvenile stress on neural gene expression in the male rat. Frontiers in Genetics, 2015, 6, 56.	2.3	17

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19	The effects of prenatal PCBs on adult social behavior in rats. Hormones and Behavior, 2015, 73, 47-55.	2.1	50
20	Epigenetics in Comparative Biology: Why We Should Pay Attention. Integrative and Comparative Biology, 2014, 54, 7-20.	2.0	59
21	Editorial. Journal of Experimental Zoology, 2014, 321, 241-242.	1.2	4
22	Nature, nurture and epigenetics. Molecular and Cellular Endocrinology, 2014, 398, 42-52.	3.2	70
23	Animal Personalities: Behavior, Physiology, and Evolution. Claudio Carere and Dario Maestripieri, editors.. Integrative and Comparative Biology, 2013, 53, 873-875.	2.0	45
24	Binary Outputs from Unitary Networks. Integrative and Comparative Biology, 2013, 53, 888-894.	2.0	2
25	Policy decisions on endocrine disruptors should be based on science across disciplines. Endocrine Disruptors (Austin, Tex), 2013, 1, e26644.	1.1	1
26	Epigenetic Control of Gonadal Aromatase (cyp19a1) in Temperature-Dependent Sex Determination of Red-Eared Slider Turtles. PLoS ONE, 2013, 8, e63599.	2.5	137
27	Epigenetic transgenerational inheritance of altered stress responses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9143-9148.	7.1	285
28	Epigenetic synthesis: a need for a new paradigm for evolution in a contaminated world. F1000 Biology Reports, 2012, 4, 18.	4.0	17
29	Epigenetic modifications of brain and behavior: Theory and practice. Hormones and Behavior, 2011, 59, 393-398.	2.1	65
30	Epigenetics, brain, behavior, and the environment. Hormones, 2010, 9, 41-50.	1.9	46
31	Litter environment affects behavior and brain metabolic activity of adult knockout mice. Frontiers in Behavioral Neuroscience, 2009, 3, 12.	2.0	17
32	Transgenerational epigenetic imprints on mate preference. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 5942-5946.	7.1	379
33	From gene networks underlying sex determination and gonadal differentiation to the development of neural networks regulating sociosexual behavior. Brain Research, 2006, 1126, 109-121.	2.2	28
34	Epigenetics, Evolution, Endocrine Disruption, Health, and Disease. Endocrinology, 2006, 147, s4-s10.	2.8	274
35	Historical contributions of research on reptiles to behavioral neuroendocrinology. Hormones and Behavior, 2005, 48, 384-394.	2.1	43
36	Evolution of neuroendocrine mechanisms that regulate sexual behavior. Trends in Endocrinology and Metabolism, 2005, 16, 354-361.	7.1	65

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37	Sexually dimorphic regulation of estrogen receptor Î± mRNA in the ventromedial hypothalamus of adult whiptail lizards is testosterone dependent. Brain Research, 2004, 1004, 136-141.	2.2	12
38	Postnatal Environment Affects Behavior of Adult Transgenic Mice. Experimental Biology and Medicine, 2004, 229, 935-939.	2.4	20
39	The development of phenotypic plasticity: Where biology and psychology meet. Developmental Psychobiology, 2003, 43, 1-10.	1.6	59
40	Sex determination: where environment and genetics meet. Evolution & Development, 2003, 5, 50-55.	2.0	67
41	Resurrecting the Ancestral Steroid Receptor: Ancient Origin of Estrogen Signaling. Science, 2003, 301, 1714-1717.	12.6	625
42	Turtle sex determination assay: Mass balance and responses to 2,3,7,8â€tetrachlorodibenzoâ€pâ€dioxin and 3,3â€²,4,4â€²,5â€pentachlorobiphenyl. Environmental Toxicology and Chemistry, 2002, 21, 2477-2482.	4.8	26
43	Cutting the Gordian Knot. Conservation Biology, 2001, 15, 808-809.	4.7	0
44	The Effects of Social Experience on Aggressive Behavior in the Green Anole Lizard (Anolis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.1	37
45	Role of steroidogenic factor 1 and aromatase in temperatureâ€dependent sex determination in the redâ€eared slider turtle. The Journal of Experimental Zoology, 2001, 290, 597-606.	1.4	39
46	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
47	Endocrine Disruptors: Present Issues, Future Directions. Quarterly Review of Biology, 2000, 75, 243-260.	0.1	173
48	Hormonal regulation of progesterone receptor mRNA expression in the hypothalamus of whiptail lizards: Regional and species differences. Journal of Neurobiology, 1999, 39, 287-293.	3.6	21
49	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
50	Cloning and in situ hybridization analysis of estrogen receptor in the developing gonad of the red-eared slider turtle, a species with temperature-dependent sex determination. Development Growth and Differentiation, 1998, 40, 243-254.	1.5	44
51	On the Organization of Individual Differences in Sexual Behavior. American Zoologist, 1998, 38, 118-132.	0.7	60
52	Sex differences in the nervous system of reptiles. Cellular and Molecular Neurobiology, 1997, 17, 649-669.	3.3	29
53	Independent effects of incubation temperature and gonadal sex on the volume and metabolic capacity of brain nuclei in the leopard gecko (Eublepharis macularius), a lizard with temperature-dependent sex determination. Journal of Comparative Neurology, 1997, 380, 409-421.	1.6	63
54	Pinealectomy, melatonin, and courtship behavior in male red-sided garter snakes (Tahmnophis sirtalis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.4	26

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55	Pinealectomy, melatonin, and courtship behavior in male redâ€sided garter snakes (Tahmnophis sirtalis) Tj ETQq1 1 0.784314 rgBT /Ove	1.4	1
56	Incubation temperature and gonadal sex affect growth and physiology in the leopard gecko (Eublepharis macularius), a lizard with temperatureâ€dependent sex determination. Journal of Morphology, 1995, 224, 159-170.	1.2	74
57	Regulation of Estrogen Receptor and Progesterone Receptor Messenger Ribonucleic Acid by Estrogen in the Brain of the Whiptail Lizard (Cnemidophorus uniparens). Journal of Neuroendocrinology, 1995, 7, 119-125.	2.6	23
58	Species Differences in Estrogen Receptor and Progesterone Receptor-mRNA Expression in the Brain of Sexual and Unisexual Whiptail Lizards. Journal of Neuroendocrinology, 1995, 7, 567-576.	2.6	17
59	Effect of exogenous estradiol applied at different embryonic stages on sex determination, growth, and mortality in the leopard gecko (Eublepharis macularius). The Journal of Experimental Zoology, 1994, 268, 17-21.	1.4	34
60	Temperatureâ€dependent sex determination: A mechanistic approach. The Journal of Experimental Zoology, 1994, 270, 71-78.	1.4	76
61	Temperatureâ€dependent sex determination in reptiles: Proximate mechanisms, ultimate outcomes, and practical applications. Genesis, 1994, 15, 297-312.	2.1	169
62	Cloning and in situ hybridization analysis of estrogen receptor, progesterone and androgen receptor expression in the brain of whiptail lizards (Cnemidophorus uniparens andC. inornatus). Journal of Comparative Neurology, 1994, 347, 288-300.	1.6	80
63	Androgen mediated effects of male fetuses on the behavior of dams late in pregnancy. Developmental Psychobiology, 1993, 26, 25-35.	1.6	18
64	Gonadal Steroids have Paradoxical Effects on Brain Oxytocin Receptors. Journal of Neuroendocrinology, 1993, 5, 619-628.	2.6	123
65	Sites of Estrogen Uptake in Embryonic Trachemys Scripta, a Turtle with Temperature-Dependent Sex Determination1. Biology of Reproduction, 1992, 46, 458-463.	2.7	19
66	Steroid hormoneâ€induced male sex determination in an amniotic vertebrate. The Journal of Experimental Zoology, 1992, 262, 454-457.	1.4	49
67	The relationship between reproductive state and â€œsexuallyâ€dimorphic brain areas in sexually reproducing and parthenogenetic whiptail lizards. Journal of Comparative Neurology, 1991, 309, 507-514.	1.6	55
68	Synergism between temperature and estradiol: A common pathway in turtle sex determination?. The Journal of Experimental Zoology, 1991, 260, 130-134.	1.4	125
69	Chronology and morphology of temperatureâ€dependent sex determination. The Journal of Experimental Zoology, 1991, 260, 371-381.	1.4	196
70	Psychobiology of reptilian reproduction. The Journal of Experimental Zoology, 1990, 256, 164-166.	1.4	1
71	Absence of temperature-dependent sex determination in congeneric sexual and parthenogeneticCnemidophorus lizards. The Journal of Experimental Zoology, 1989, 252, 318-320.	1.4	4
72	Embryonic temperature determines adult sexuality in a reptile. Nature, 1988, 332, 832-834.	27.8	144

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73	WHY MALE GARTER SNAKES HAVE SMALL HEADS: THE EVOLUTION AND ENDOCRINE CONTROL OF SEXUAL DIMORPHISM. Evolution; International Journal of Organic Evolution, 1988, 42, 1105-1110.	2.3	39
74	The effects of sex steroid treatments on sexual differentiation in a unisexual lizard,Cnemidophorus uniparens (Teiidae). Journal of Morphology, 1986, 187, 129-142.	1.2	13
75	Effects of Prostaglandin F_{2Î±}on Sexual Behavior and Ovarian Function in Female Garter Snakes (Thamnophis sirtalis parietalis)*. Endocrinology, 1986, 119, 787-792.	2.8	33
76	Pheromone Mimicry in Garter Snakes. , 1986, , 279-283.		7
77	Female mimicry in garter snakes. Nature, 1985, 316, 59-60.	27.8	116
78	The relationship among ovarian condition, steroid hormones, and estrous behavior inAnolis carolinensis. The Journal of Experimental Zoology, 1983, 227, 145-154.	1.4	64
79	Female control of male reproductive function in a Mexican Snake. Science, 1982, 217, 1159-1160.	12.6	22
80	Sperm transport and storage and its relation to the annual sexual cycle of the female red-sided garter snake,Thamnophis sirtalis parietalis. Journal of Morphology, 1982, 174, 149-159.	1.2	96
81	The Ecological Physiology of a Garter Snake. Scientific American, 1982, 247, 158-168.	1.0	148
82	Hormonal control of male courtship behavior and female attractivity in the garter snake (Thamnophis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.1	61