Toni E Ziegler

List of Publications by Year
in descending order

100 papers	6,124 citations	61984 43 h-index	71685 76 g-index
101 all docs	101 docs citations	101 times ranked	3883 citing authors

#	Article	IF	Citations
1	From The Cover: Early experience in humans is associated with changes in neuropeptides critical for regulating social behavior. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17237-17240.	7.1	532
2	Oxytocin: Behavioral Associations and Potential as a Salivary Biomarker. Annals of the New York Academy of Sciences, 2007, 1098, 312-322.	3.8	264
3	Social vocalizations can release oxytocin in humans. Proceedings of the Royal Society B: Biological Sciences, 2010, 277, 2661-2666.	2.6	236
4	The Relationship of Cortisol Levels to Social Environment and Reproductive Functioning in Female Cotton-Top Tamarins, Saguinus oedipus. Hormones and Behavior, 1995, 29, 407-424.	2.1	213
5	The Marmoset as a Model of Aging and Age-Related Diseases. ILAR Journal, 2011, 52, 54-65.	1.8	206
6	Individual and Seasonal Variation in Fecal Testosterone and Cortisol Levels of Wild Male Tufted Capuchin Monkeys, Cebus apella nigritus. Hormones and Behavior, 2002, 41, 275-287.	2.1	193
7	Food sharing is linked to urinary oxytocin levels and bonding in related and unrelated wild chimpanzees. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133096.	2.6	168
8	Seasonal and Social Correlates of Fecal Testosterone and Cortisol Levels in Wild Male Muriquis (Brachyteles arachnoides). Hormones and Behavior, 1999, 35, 125-134.	2.1	157
9	Hormones Associated with Non-Maternal Infant Care: A Review of Mammalian and Avian Studies. Folia Primatologica, 2000, 71, 6-21.	0.7	149
10	Detection of the chemical signals of ovulation in the cotton-top tamarin, Saguinus oedipus. Animal Behaviour, 1993, 45, 313-322.	1.9	147
11	The Endocrinology of Puberty and Reproductive Functioning in Female Cotton-Top Tamarins (Saguinus) Tj ETQq1 1 0.784314 rgBT /Ov	2.7	146
12	Endogenous peripheral oxytocin measures can give insight into the dynamics of social relationships: a review. Frontiers in Behavioral Neuroscience, 2014, 8, 68.	2.0	134
13	Sociosexual development, pair bond formation, and mechanisms of fertility suppression in female cotton-top tamarins (Saguinus oedipus oedipus). American Journal of Primatology, 1988, 14, 345-359.	1.7	124
14	Communication of ovulatory state to mates by female pygmy marmosets, Cebuella pygmaea. Animal Behaviour, 1995, 49, 615-621.	1.9	117
15	Variation in oxytocin is related to variation in affiliative behavior in monogamous, pairbonded tamarins. Hormones and Behavior, 2010, 58, 614-618.	2.1	117
16	Hormonal Responses to Parental and Nonparental Conditions in Male Cotton-Top Tamarins,Saguinus oedipus,a New World Primate. Hormones and Behavior, 1996, 30, 287-297.	2.1	116
17	Fecal steroid research in the field and laboratory: improved methods for storage, transport, processing, and analysis. American Journal of Primatology, 2005, 67, 159-174.	1.7	109
18	Reproductive biology of captive male cottontop tamarin monkeys as a function of social environment. Animal Behaviour, 2001, 61, 65-78.	1.9	105

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19	Activation of neural pathways associated with sexual arousal in non-human primates. Journal of Magnetic Resonance Imaging, 2004, 19, 168-175.	3.4	101
20	Metabolism of reproductive steroids during the ovarian cycle in two species of callitrichids, Saguinus oedipus and Callithrix jacchus, and estimation of the ovulatory period from fecal steroids. Biology of Reproduction, 1996, 54, 91-99.	2.7	100
21	Functional imaging of brain activity in conscious monkeys responding to sexually arousing cues. NeuroReport, 2001, 12, 2231-2236.	1.2	96
22	Neuroendocrine response to female ovulatory odors depends upon social condition in male common marmosets, Callithrix jacchus. Hormones and Behavior, 2005, 47, 56-64.	2.1	88
23	Sexual behavior across ovarian cycles in wild black howler monkeys (Alouatta pigra): male mate guarding and female mate choice. American Journal of Primatology, 2009, 71, 153-164.	1.7	88
24	Development of a sensitive LC/MS/MS method for vitamin D metabolites: 1,25 Dihydroxyvitamin D2&3 measurement using a novel derivatization agent. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 953-954, 62-67.	2.3	85
25	Neuroestradiol in the Hypothalamus Contributes to the Regulation of Gonadotropin Releasing Hormone Release. Journal of Neuroscience, 2013, 33, 19051-19059.	3.6	81
26	Responsiveness of expectant male cotton-top tamarins, Saguinus oedipus, to mate's pregnancy. Hormones and Behavior, 2004, 45, 84-92.	2.1	80
27	Reproductive performance and excretion of urinary estrogens and gonadotropins in the female pygmy marmoset (Cebuella pygmaea). American Journal of Primatology, 1990, 22, 191-203.	1.7	78
28	Primate paternal care: Interactions between biology and social experience. Hormones and Behavior, 2016, 77, 260-271.	2.1	77
29	Prolactin's mediative role in male parenting in parentally experienced marmosets (Callithrix jacchus). Hormones and Behavior, 2009, 56, 436-443.	2.1	75
30	Instant messages vs. speech: hormones and why we still need to hear each other. Evolution and Human Behavior, 2012, 33, 42-45.	2.2	73
31	Current Topics in Primate Socioendocrinology. Annual Review of Anthropology, 2002, 31, 45-67.	1.5	68
32	Insights into ovarian function in wild muriqui monkeys (Brachyteles arachnoides). American Journal of Primatology, 1994, 32, 31-40.	1.7	67
33	Preparental Hormone Levels and Parenting Experience in Male Cotton-Top Tamarins, Saguinus oedipus. Hormones and Behavior, 2000, 38, 159-167.	2.1	66
34	Prolactin Levels during the Periparturitional Period in the Biparental Cotton-Top Tamarin (Saguinus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 111-122.	2.1	60
35	Social and environmental factors affecting fecal glucocorticoids in wild, female whiteâ€faced capuchins (Cebus capucinus). American Journal of Primatology, 2011, 73, 861-869.	1.7	58
36	Lack of pubertal influences on female dispersal in muriqui monkeys, Brachyteles arachnoides. Animal Behaviour, 2000, 59, 849-860.	1.9	56

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37	Non-invasive measurement of small peptides in the common marmoset (Callithrix jacchus): A radiolabeled clearance study and endogenous excretion under varying social conditions. Hormones and Behavior, 2007, 51, 436-442.	2.1	53
38	Further hormonal suppression of eldest daughter cotton-top tamarins following birth of infants. American Journal of Primatology, 1993, 31, 11-21.	1.7	52
39	Neonatal and Pubertal Development in Males of a Cooperatively Breeding Primate, the Cotton-Top Tamarin (Saguinus oedipus oedipus)1. Biology of Reproduction, 2002, 66, 282-290.	2.7	52
40	Behavioral indicators of ovarian phase in white-faced capuchins (Cebus capucinus). American Journal of Primatology, 2005, 67, 51-68.	1.7	51
41	Parentâ€“Daughter Relationships and Social Controls on Fertility in Female Common Marmosets, Callithrix jacchus. Hormones and Behavior, 2002, 42, 356-367.	2.1	50
42	Variations in care for cottontop tamarin, Saguinus oedipus, infants as a function of parental experience and group size. Animal Behaviour, 2002, 63, 1163-1174.	1.9	49
43	Strongly bonded family members in common marmosets show synchronized fluctuations in oxytocin. Physiology and Behavior, 2015, 151, 246-251.	2.1	47
44	Hormonal changes during the mating and conception seasons of wild northern muriquis (Brachyteles arachnoides hypoxanthus). American Journal of Primatology, 2003, 61, 85-99.	1.7	45
45	Pregnancy weight gain: marmoset and tamarin dads show it too. Biology Letters, 2006, 2, 181-183.	2.3	44
46	Steroid excretion during the ovarian cycle in captive and wild muriquis, Brachyteles arachnoides. American Journal of Primatology, 1997, 42, 311-321.	1.7	41
47	Effects of reproductive and social variables on fecal glucocorticoid levels in a sample of adult male ring-tailed lemurs (Lemur catta) at the Beza Mahafaly Reserve, Madagascar. American Journal of Primatology, 2005, 67, 5-23.	1.7	41
48	Neuroendocrine control in social relationships in non-human primates: Field based evidence. Hormones and Behavior, 2017, 91, 107-121.	2.1	41
49	Detection of urinary gonadotropins in callitrichid monkeys with a sensitive immunoassay based upan a unique monoclonal antibody. American Journal of Primatology, 1993, 31, 181-188.	1.7	36
50	Social odours, sexual arousal and pairbonding in primates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2006, 361, 2079-2089.	4.0	36
51	Hormonal correlates of male life history stages in wild white-faced capuchin monkeys (Cebus) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	35
52	Radiolabel validation of cortisol in the hair of rhesus monkeys. Psychoneuroendocrinology, 2018, 97, 190-195.	2.7	35
53	Hormone levels in neonatal hair reflect prior maternal stress exposure during pregnancy. Psychoneuroendocrinology, 2016, 66, 111-117.	2.7	34
54	Differential endocrine responses to infant odors in common marmoset (Callithrix jacchus) fathers. Hormones and Behavior, 2011, 59, 265-270.	2.1	32

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55	Social Effects via Olfactory Sensory Stimuli on Reproductive Function and Dysfunction in Cooperative Breeding Marmosets and Tamarins. American Journal of Primatology, 2013, 75, 202-211.	1.7	32
56	Variation in Prolactin Is Related to Variation in Sexual Behavior and Contact Affiliation. PLoS ONE, 2015, 10, e0120650.	2.5	32
57	Hormones in infant rhesus monkeysâ€™ (Macaca mulatta) hair at birth provide a window into the fetal environment. Pediatric Research, 2014, 75, 476-481.	2.3	31
58	Male Response to Female Ovulation in White-Faced Capuchins (Cebus capucinus): Variation in Fecal Testosterone, Dihydrotestosterone, and Glucocorticoids. International Journal of Primatology, 2014, 35, 643-660.	1.9	31
59	Sexual communication between breeding male and female cotton-top tamarins (Saguinus oedipus), and its relationship to infant care. American Journal of Primatology, 2004, 64, 57-69.	1.7	30
60	Endocrine Changes in Full-Term Pregnancies and Pregnancy Loss Due to Energy Restriction in the Common Marmoset (Callithrix jacchus). Journal of Clinical Endocrinology and Metabolism, 2005, 90, 335-339.	3.6	29
61	Relationship between ovarian cycle phase and sexual behavior in female Japanese macaques (Macaca) Tj ETQq1 1 0.784314 rgBT /Ove	2.1	28
62	Social Peptides: Measuring Urinary Oxytocin and Vasopressin in a Home Field Study of Older Adults at Risk for Dehydration. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2014, 69, S229-S237.	3.9	28
63	Metabolic consequences of the early onset of obesity in common marmoset monkeys. Obesity, 2013, 21, E592-8.	3.0	26
64	Circulating and excreted hormones during the ovarian cycle in the cotton-top tamarin,Saguinus oedipus. American Journal of Primatology, 1993, 31, 55-65.	1.7	25
65	Variations in male parenting behavior and physiology in the common marmoset. American Journal of Human Biology, 2009, 21, 739-744.	1.6	24
66	Peripheral oxytocin in female baboons relates to estrous state and maintenance of sexual consortships. Hormones and Behavior, 2012, 62, 592-597.	2.1	24
67	Estrogenic plant consumption predicts red colobus monkey (Procolobus rufomitratus) hormonal state and behavior. Hormones and Behavior, 2012, 62, 553-562.	2.1	24
68	Measurement of 25â€hydroxyvitamin D_{2&3} and 1,25â€dihydroxyvitamin D_{2&3} by tandem mass spectrometry: A primate multispecies comparison. American Journal of Primatology, 2015, 77, 801-810.	1.7	24
69	The stimulatory effect of males on the initiation but not the maintenance of ovarian cycling in cotton-top tamarins (Saguinus oedipus). American Journal of Primatology, 1992, 26, 97-108.	1.7	23
70	Conditioned sexual arousal in a nonhuman primate. Hormones and Behavior, 2011, 59, 696-701.	2.1	23
71	Primate reinfection with gastrointestinal parasites: behavioural and physiological predictors of parasite acquisition. Animal Behaviour, 2016, 117, 105-113.	1.9	22
72	Ovarian cycle phase and same-sex mating behavior in Japanese macaque females. American Journal of Primatology, 2004, 63, 25-31.	1.7	21

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73	Hormonal stimulation and paternal experience influence responsiveness to infant distress vocalizations by adult male common marmosets, Callithrix jacchus. Hormones and Behavior, 2016, 78, 13-19.	2.1	20
74	Male endocrine response to seasonally varying environmental and social factors in a neotropical primate, Cebus capucinus. American Journal of Physical Anthropology, 2016, 159, 671-682.	2.1	20
75	Changes in prolactin and glucocorticoid levels in cottonâ€top tamarin fathers during their mate's pregnancy: the effect of infants and paternal experience. American Journal of Primatology, 2008, 70, 560-565.	1.7	18
76	Measuring peripheral oxytocin and vasopressin in nonhuman primates. American Journal of Primatology, 2018, 80, e22871.	1.7	18
77	Variation in the resumption of cycling and conception by fecal androgen and estradiol levels in female Northern Muriquis (Brachyteles hypoxanthus). American Journal of Primatology, 2005, 67, 69-81.	1.7	17
78	Ovarian function of pygmy marmoset daughters (Cebuella pygmaea) in intact and motherless families. , 1997, 43, 347-355.		14
79	Development of Metabolic Function Biomarkers in the Common Marmoset, Callithrix jacchus. American Journal of Primatology, 2013, 75, 500-508.	1.7	14
80	Post-conceptive Mating in White-Faced Capuchins, Cebus capucinus: Hormonal and Sociosexual Patterns of Cycling, Noncycling, and Pregnant Females. , 2006, , 387-409.		13
81	Both parents respond equally to infant cues in the cooperatively breeding common marmoset, Callithrix jacchus. Animal Behaviour, 2014, 97, 95-103.	1.9	13
82	Changes in physiological stress and behaviour in semi-free-ranging red-capped mangabeys () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T Biological Sciences, 2016, 283, 20161201.	2.6	13
83	Fathering style influences health outcome in common marmoset (Callithrix jacchus) offspring. PLoS ONE, 2017, 12, e0185695.	2.5	11
84	The Reproductive Ecology of South American Primates: Ecological Adaptations in Ovulation and Conception. , 2009, , 191-210.		10
85	Early learning in the common marmoset (Callithrix jacchus): Behavior in the family group is related to preadolescent cognitive performance. American Journal of Primatology, 2020, 82, e23159.	1.7	10
86	Female sexual motivation during non-fertile periods: A primate phenomenon. Hormones and Behavior, 2007, 51, 1-2.	2.1	9
87	Infanticides during periods of social stability: kinship, resumption of ovarian cycling, and mating access in white-faced capuchins (<i>Cebus capucinus</i>). Neotropical Primates, 2014, 21, 192-196.	0.1	8
88	Comparison of vitamin D metabolites in wild and captive baboons. American Journal of Primatology, 2018, 80, e22935.	1.7	6
89	Using snacks high in fat and protein to improve glucoregulatory function in adolescent male marmosets (Callithrix jacchus). Journal of the American Association for Laboratory Animal Science, 2013, 52, 756-62.	1.2	6
90	Structural and functional variations in the prefrontal cortex are associated with learning in pre-adolescent common marmosets (Callithrix jacchus). Behavioural Brain Research, 2022, 430, 113920.	2.2	5

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91	Novel imaging technology and procedures for studying brain function in preadolescent awake marmosets. Journal of Neuroscience Methods, 2020, 343, 108823.	2.5	4
92	Evaluation of vitamin D₃ metabolites in Callithrix jacchus (common marmoset). American Journal of Primatology, 2020, 82, e23131.	1.7	4
93	Contextual complexity of chemical signals in callitrichids. American Journal of Primatology, 2021, 83, e23172.	1.7	4
94	Reproductive endocrinology of wild female woolly monkeys (Lagothrix lagotricha poeppigii) during puberty, ovarian cyclicity, and pregnancy. American Journal of Primatology, 2022, 84, e23303.	1.7	3
95	Reproductive strategies and primate conservation. Zoo Biology, 1989, 8, 163-169.	1.2	2
96	From the field to the lab: Muriqui endocrinology from a collaborative perspective. American Journal of Primatology, 2019, 81, e22928.	1.7	1
97	The primate predicament: long-term parental investment Review ofParenting for Primates edited by Harriet J. Smith, Cambridge, Massachusetts, Harvard University Press, 2005, 436 pp., 22 illustrations, $29.95.. American Journal of Primatology, 2008, 70, 201-203.	1.7	0
98	Parental Behavior in Mammals. , 2018, , 115-123.		0
99	Development and validation of an LC-MS/MS based quantitative assay for marmoset insulin in serum. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2022, 1195, 123150.	2.3	0
100	Motivational increase of androgens and behavior by infant distress calls in highly responsive common marmoset fathers, Callithrix jacchus. Hormones and Behavior, 2022, 142, 105162.	2.1	0