

# Toni E Ziegler

## List of Publications by Year in descending order

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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	Reproductive endocrinology of wild female woolly monkeys ( <i>Lagothrix lagotricha poeppigii</i> ) during puberty, ovarian cyclicity, and pregnancy. <i>American Journal of Primatology</i> , 2022, 84, e23303.	1.7	3
2	Development and validation of an LC-MS/MS based quantitative assay for marmoset insulin in serum. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1195, 123150.	2.3	0
3	Motivational increase of androgens and behavior by infant distress calls in highly responsive common marmoset fathers, <i>Callithrix jacchus</i> . <i>Hormones and Behavior</i> , 2022, 142, 105162.	2.1	0
4	Structural and functional variations in the prefrontal cortex are associated with learning in pre-adolescent common marmosets ( <i>Callithrix jacchus</i> ). <i>Behavioural Brain Research</i> , 2022, 430, 113920.	2.2	5
5	Contextual complexity of chemical signals in callitrichids. <i>American Journal of Primatology</i> , 2021, 83, e23172.	1.7	4
6	Novel imaging technology and procedures for studying brain function in preadolescent awake marmosets. <i>Journal of Neuroscience Methods</i> , 2020, 343, 108823.	2.5	4
7	Early learning in the common marmoset ( <i>Callithrix jacchus</i> ): Behavior in the family group is related to preadolescent cognitive performance. <i>American Journal of Primatology</i> , 2020, 82, e23159.	1.7	10
8	Evaluation of vitamin D <sup>3</sup> metabolites in <i>Callithrix jacchus</i> (common marmoset). <i>American Journal of Primatology</i> , 2020, 82, e23131.	1.7	4
9	From the field to the lab: Muriqui endocrinology from a collaborative perspective. <i>American Journal of Primatology</i> , 2019, 81, e22928.	1.7	1
10	Comparison of vitamin D metabolites in wild and captive baboons. <i>American Journal of Primatology</i> , 2018, 80, e22935.	1.7	6
11	Parental Behavior in Mammals. , 2018, , 115-123.		0
12	Measuring peripheral oxytocin and vasopressin in nonhuman primates. <i>American Journal of Primatology</i> , 2018, 80, e22871.	1.7	18
13	Radiolabel validation of cortisol in the hair of rhesus monkeys. <i>Psychoneuroendocrinology</i> , 2018, 97, 190-195.	2.7	35
14	Neuroendocrine control in social relationships in non-human primates: Field based evidence. <i>Hormones and Behavior</i> , 2017, 91, 107-121.	2.1	41
15	Fathering style influences health outcome in common marmoset ( <i>Callithrix jacchus</i> ) offspring. <i>PLoS ONE</i> , 2017, 12, e0185695.	2.5	11
16	Hormonal stimulation and paternal experience influence responsiveness to infant distress vocalizations by adult male common marmosets, <i>Callithrix jacchus</i> . <i>Hormones and Behavior</i> , 2016, 78, 13-19.	2.1	20
17	Changes in physiological stress and behaviour in semi-free-ranging red-capped mangabeys ( <i>Chlorocebus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf <i>Biological Sciences</i> , 2016, 283, 20161201.	2.6	13
18	Primate reinfection with gastrointestinal parasites: behavioural and physiological predictors of parasite acquisition. <i>Animal Behaviour</i> , 2016, 117, 105-113.	1.9	22

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19	Male endocrine response to seasonally varying environmental and social factors in a neotropical primate, <i>Cebus capucinus</i> . <i>American Journal of Physical Anthropology</i> , 2016, 159, 671-682.	2.1	20
20	Hormone levels in neonatal hair reflect prior maternal stress exposure during pregnancy. <i>Psychoneuroendocrinology</i> , 2016, 66, 111-117.	2.7	34
21	Primate paternal care: Interactions between biology and social experience. <i>Hormones and Behavior</i> , 2016, 77, 260-271.	2.1	77
22	Variation in Prolactin Is Related to Variation in Sexual Behavior and Contact Affiliation. <i>PLoS ONE</i> , 2015, 10, e0120650.	2.5	32
23	Strongly bonded family members in common marmosets show synchronized fluctuations in oxytocin. <i>Physiology and Behavior</i> , 2015, 151, 246-251.	2.1	47
24	Measurement of 25-hydroxyvitamin D <sub>2</sub> and 1,25-dihydroxyvitamin D <sub>2</sub> by tandem mass spectrometry: A primate multispecies comparison. <i>American Journal of Primatology</i> , 2015, 77, 801-810.	1.7	24
25	Endogenous peripheral oxytocin measures can give insight into the dynamics of social relationships: a review. <i>Frontiers in Behavioral Neuroscience</i> , 2014, 8, 68.	2.0	134
26	Food sharing is linked to urinary oxytocin levels and bonding in related and unrelated wild chimpanzees. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133096.	2.6	168
27	Social Peptides: Measuring Urinary Oxytocin and Vasopressin in a Home Field Study of Older Adults at Risk for Dehydration. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2014, 69, S229-S237.	3.9	28
28	Hormones in infant rhesus monkeys (Macaca mulatta) hair at birth provide a window into the fetal environment. <i>Pediatric Research</i> , 2014, 75, 476-481.	2.3	31
29	Male Response to Female Ovulation in White-Faced Capuchins ( <i>Cebus capucinus</i> ): Variation in Fecal Testosterone, Dihydrotestosterone, and Glucocorticoids. <i>International Journal of Primatology</i> , 2014, 35, 643-660.	1.9	31
30	Both parents respond equally to infant cues in the cooperatively breeding common marmoset, <i>Callithrix jacchus</i> . <i>Animal Behaviour</i> , 2014, 97, 95-103.	1.9	13
31	Development of a sensitive LC/MS/MS method for vitamin D metabolites: 1,25 Dihydroxyvitamin D <sub>2</sub> measurement using a novel derivatization agent. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 953-954, 62-67.	2.3	85
32	Hormonal correlates of male life history stages in wild white-faced capuchin monkeys ( <i>Cebus</i> ). <i>Evolution</i> , 2014, 68, 1000-1010.	1.8	35
33	Infanticides during periods of social stability: kinship, resumption of ovarian cycling, and mating access in white-faced capuchins ( <i>Cebus capucinus</i> ). <i>Neotropical Primates</i> , 2014, 21, 192-196.	0.1	8
34	Neuroestradiol in the Hypothalamus Contributes to the Regulation of Gonadotropin Releasing Hormone Release. <i>Journal of Neuroscience</i> , 2013, 33, 19051-19059.	3.6	81
35	Social Effects via Olfactory Sensory Stimuli on Reproductive Function and Dysfunction in Cooperative Breeding Marmosets and Tamarins. <i>American Journal of Primatology</i> , 2013, 75, 202-211.	1.7	32
36	Development of Metabolic Function Biomarkers in the Common Marmoset, <i>Callithrix jacchus</i> . <i>American Journal of Primatology</i> , 2013, 75, 500-508.	1.7	14

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37	Metabolic consequences of the early onset of obesity in common marmoset monkeys. <i>Obesity</i> , 2013, 21, E592-8.	3.0	26
38	Using snacks high in fat and protein to improve gluco-regulatory function in adolescent male marmosets ( <i>Callithrix jacchus</i> ). <i>Journal of the American Association for Laboratory Animal Science</i> , 2013, 52, 756-62.	1.2	6
39	Peripheral oxytocin in female baboons relates to estrous state and maintenance of sexual consortships. <i>Hormones and Behavior</i> , 2012, 62, 592-597.	2.1	24
40	Estrogenic plant consumption predicts red colobus monkey ( <i>Procolobus rufomitratus</i> ) hormonal state and behavior. <i>Hormones and Behavior</i> , 2012, 62, 553-562.	2.1	24
41	Instant messages vs. speech: hormones and why we still need to hear each other. <i>Evolution and Human Behavior</i> , 2012, 33, 42-45.	2.2	73
42	Conditioned sexual arousal in a nonhuman primate. <i>Hormones and Behavior</i> , 2011, 59, 696-701.	2.1	23
43	Differential endocrine responses to infant odors in common marmoset ( <i>Callithrix jacchus</i> ) fathers. <i>Hormones and Behavior</i> , 2011, 59, 265-270.	2.1	32
44	Social and environmental factors affecting fecal glucocorticoids in wild, female white-faced capuchins ( <i>Cebus capucinus</i> ). <i>American Journal of Primatology</i> , 2011, 73, 861-869.	1.7	58
45	The Marmoset as a Model of Aging and Age-Related Diseases. <i>ILAR Journal</i> , 2011, 52, 54-65.	1.8	206
46	Social vocalizations can release oxytocin in humans. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010, 277, 2661-2666.	2.6	236
47	Variation in oxytocin is related to variation in affiliative behavior in monogamous, pairbonded tamarins. <i>Hormones and Behavior</i> , 2010, 58, 614-618.	2.1	117
48	Variations in male parenting behavior and physiology in the common marmoset. <i>American Journal of Human Biology</i> , 2009, 21, 739-744.	1.6	24
49	Sexual behavior across ovarian cycles in wild black howler monkeys ( <i>Alouatta pigra</i> ): male mate guarding and female mate choice. <i>American Journal of Primatology</i> , 2009, 71, 153-164.	1.7	88
50	Prolactin's mediative role in male parenting in parentally experienced marmosets ( <i>Callithrix jacchus</i> ). <i>Hormones and Behavior</i> , 2009, 56, 436-443.	2.1	75
51	The Reproductive Ecology of South American Primates: Ecological Adaptations in Ovulation and Conception. , 2009, , 191-210.		10
52	The primate predicament: long-term parental investment Review of Parenting for Primates edited by Harriet J. Smith, Cambridge, Massachusetts, Harvard University Press, 2005, 436 pp., 22 illustrations, \$29.95.. <i>American Journal of Primatology</i> , 2008, 70, 201-203.	1.7	0
53	Changes in prolactin and glucocorticoid levels in cotton-top tamarin fathers during their mate's pregnancy: the effect of infants and paternal experience. <i>American Journal of Primatology</i> , 2008, 70, 560-565.	1.7	18
54	Female sexual motivation during non-fertile periods: A primate phenomenon. <i>Hormones and Behavior</i> , 2007, 51, 1-2.	2.1	9

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55	Non-invasive measurement of small peptides in the common marmoset ( <i>Callithrix jacchus</i> ): A radiolabeled clearance study and endogenous excretion under varying social conditions. <i>Hormones and Behavior</i> , 2007, 51, 436-442.	2.1	53
56	Oxytocin: Behavioral Associations and Potential as a Salivary Biomarker. <i>Annals of the New York Academy of Sciences</i> , 2007, 1098, 312-322.	3.8	264
57	Pregnancy weight gain: marmoset and tamarin dads show it too. <i>Biology Letters</i> , 2006, 2, 181-183.	2.3	44
58	Post-conceptive Mating in White-Faced Capuchins, <i>Cebus capucinus</i> : Hormonal and Sociosexual Patterns of Cycling, Noncycling, and Pregnant Females. , 2006, , 387-409.		13
59	Social odours, sexual arousal and pairbonding in primates. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2006, 361, 2079-2089.	4.0	36
60	Effects of reproductive and social variables on fecal glucocorticoid levels in a sample of adult male ring-tailed lemurs ( <i>Lemur catta</i> ) at the Beza Mahafaly Reserve, Madagascar. <i>American Journal of Primatology</i> , 2005, 67, 5-23.	1.7	41
61	Behavioral indicators of ovarian phase in white-faced capuchins ( <i>Cebus capucinus</i> ). <i>American Journal of Primatology</i> , 2005, 67, 51-68.	1.7	51
62	Variation in the resumption of cycling and conception by fecal androgen and estradiol levels in female Northern Muriquis ( <i>Brachyteles hypoxanthus</i> ). <i>American Journal of Primatology</i> , 2005, 67, 69-81.	1.7	17
63	Fecal steroid research in the field and laboratory: improved methods for storage, transport, processing, and analysis. <i>American Journal of Primatology</i> , 2005, 67, 159-174.	1.7	109
64	Endocrine Changes in Full-Term Pregnancies and Pregnancy Loss Due to Energy Restriction in the Common Marmoset ( <i>Callithrix jacchus</i> ). <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 335-339.	3.6	29
65	From The Cover: Early experience in humans is associated with changes in neuropeptides critical for regulating social behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 17237-17240.	7.1	532
66	Neuroendocrine response to female ovulatory odors depends upon social condition in male common marmosets, <i>Callithrix jacchus</i> . <i>Hormones and Behavior</i> , 2005, 47, 56-64.	2.1	88
67	Ovarian cycle phase and same-sex mating behavior in Japanese macaque females. <i>American Journal of Primatology</i> , 2004, 63, 25-31.	1.7	21
68	Sexual communication between breeding male and female cotton-top tamarins ( <i>Saguinus oedipus</i> ), and its relationship to infant care. <i>American Journal of Primatology</i> , 2004, 64, 57-69.	1.7	30
69	Relationship between ovarian cycle phase and sexual behavior in female Japanese macaques ( <i>Macaca</i> ) Tj ETQq1 1 0,784314 rgBT /Ove	2.1	28
70	Activation of neural pathways associated with sexual arousal in non-human primates. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 19, 168-175.	3.4	101
71	Responsiveness of expectant male cotton-top tamarins, <i>Saguinus oedipus</i> , to mate's pregnancy. <i>Hormones and Behavior</i> , 2004, 45, 84-92.	2.1	80
72	Hormonal changes during the mating and conception seasons of wild northern muriquis ( <i>Brachyteles arachnoides hypoxanthus</i> ). <i>American Journal of Primatology</i> , 2003, 61, 85-99.	1.7	45

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73	Neonatal and Pubertal Development in Males of a Cooperatively Breeding Primate, the Cotton-Top Tamarin ( <i>Saguinus oedipus oedipus</i> ). <i>Biology of Reproduction</i> , 2002, 66, 282-290.	2.7	52
74	Individual and Seasonal Variation in Fecal Testosterone and Cortisol Levels of Wild Male Tufted Capuchin Monkeys, <i>Cebus apella nigrurus</i> . <i>Hormones and Behavior</i> , 2002, 41, 275-287.	2.1	193
75	Parent-Offspring Relationships and Social Controls on Fertility in Female Common Marmosets, <i>Callithrix jacchus</i> . <i>Hormones and Behavior</i> , 2002, 42, 356-367.	2.1	50
76	Current Topics in Primate Socioendocrinology. <i>Annual Review of Anthropology</i> , 2002, 31, 45-67.	1.5	68
77	Variations in care for cottontop tamarin, <i>Saguinus oedipus</i> , infants as a function of parental experience and group size. <i>Animal Behaviour</i> , 2002, 63, 1163-1174.	1.9	49
78	Functional imaging of brain activity in conscious monkeys responding to sexually arousing cues. <i>NeuroReport</i> , 2001, 12, 2231-2236.	1.2	96
79	Reproductive biology of captive male cottontop tamarin monkeys as a function of social environment. <i>Animal Behaviour</i> , 2001, 61, 65-78.	1.9	105
80	Lack of pubertal influences on female dispersal in muriqui monkeys, <i>Brachyteles arachnoides</i> . <i>Animal Behaviour</i> , 2000, 59, 849-860.	1.9	56
81	Hormones Associated with Non-Maternal Infant Care: A Review of Mammalian and Avian Studies. <i>Folia Primatologica</i> , 2000, 71, 6-21.	0.7	149
82	Prolactin Levels during the Periparturitional Period in the Biparental Cotton-Top Tamarin ( <i>Saguinus oedipus oedipus</i> ). <i>Journal of Primatology</i> , 2000, 31, 111-122.	2.1	60
83	Preparental Hormone Levels and Parenting Experience in Male Cotton-Top Tamarins, <i>Saguinus oedipus</i> . <i>Hormones and Behavior</i> , 2000, 38, 159-167.	2.1	66
84	Seasonal and Social Correlates of Fecal Testosterone and Cortisol Levels in Wild Male Muriquis ( <i>Brachyteles arachnoides</i> ). <i>Hormones and Behavior</i> , 1999, 35, 125-134.	2.1	157
85	Steroid excretion during the ovarian cycle in captive and wild muriquis, <i>Brachyteles arachnoides</i> . <i>American Journal of Primatology</i> , 1997, 42, 311-321.	1.7	41
86	Ovarian function of pygmy marmoset daughters ( <i>Cebuella pygmaea</i> ) in intact and motherless families. <i>Journal of Primatology</i> , 1997, 43, 347-355.		14
87	Hormonal Responses to Parental and Nonparental Conditions in Male Cotton-Top Tamarins, <i>Saguinus oedipus</i> , a New World Primate. <i>Hormones and Behavior</i> , 1996, 30, 287-297.	2.1	116
88	Metabolism of reproductive steroids during the ovarian cycle in two species of callitrichids, <i>Saguinus oedipus</i> and <i>Callithrix jacchus</i> , and estimation of the ovulatory period from fecal steroids. <i>Biology of Reproduction</i> , 1996, 54, 91-99.	2.7	100
89	Communication of ovulatory state to mates by female pygmy marmosets, <i>Cebuella pygmaea</i> . <i>Animal Behaviour</i> , 1995, 49, 615-621.	1.9	117
90	The Relationship of Cortisol Levels to Social Environment and Reproductive Functioning in Female Cotton-Top Tamarins, <i>Saguinus oedipus</i> . <i>Hormones and Behavior</i> , 1995, 29, 407-424.	2.1	213

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91	Insights into ovarian function in wild muriqui monkeys ( <i>Brachyteles arachnoides</i> ). <i>American Journal of Primatology</i> , 1994, 32, 31-40.	1.7	67
92	Further hormonal suppression of eldest daughter cotton-top tamarins following birth of infants. <i>American Journal of Primatology</i> , 1993, 31, 11-21.	1.7	52
93	Circulating and excreted hormones during the ovarian cycle in the cotton-top tamarin, <i>Saguinus oedipus</i> . <i>American Journal of Primatology</i> , 1993, 31, 55-65.	1.7	25
94	Detection of urinary gonadotropins in callitrichid monkeys with a sensitive immunoassay based upon a unique monoclonal antibody. <i>American Journal of Primatology</i> , 1993, 31, 181-188.	1.7	36
95	Detection of the chemical signals of ovulation in the cotton-top tamarin, <i>Saguinus oedipus</i> . <i>Animal Behaviour</i> , 1993, 45, 313-322.	1.9	147
96	The stimulatory effect of males on the initiation but not the maintenance of ovarian cycling in cotton-top tamarins ( <i>Saguinus oedipus</i> ). <i>American Journal of Primatology</i> , 1992, 26, 97-108.	1.7	23
97	Reproductive performance and excretion of urinary estrogens and gonadotropins in the female pygmy marmoset ( <i>Cebuella pygmaea</i> ). <i>American Journal of Primatology</i> , 1990, 22, 191-203.	1.7	78
98	Reproductive strategies and primate conservation. <i>Zoo Biology</i> , 1989, 8, 163-169.	1.2	2
99	Sociosexual development, pair bond formation, and mechanisms of fertility suppression in female cotton-top tamarins ( <i>Saguinus oedipus oedipus</i> ). <i>American Journal of Primatology</i> , 1988, 14, 345-359.	1.7	124
100	The Endocrinology of Puberty and Reproductive Functioning in Female Cotton-Top Tamarins ( <i>Saguinus</i> )	2.7	146