

Loren D Hayes

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

1,313
citations

331670

21
h-index

361022

35
g-index

54
all docs

54
docs citations

54
times ranked

1077
citing authors

#	ARTICLE	IF	CITATIONS
1	An evolutionary framework for studying mechanisms of social behavior. <i>Trends in Ecology and Evolution</i> , 2014, 29, 581-589.	8.7	157
2	Reproductive correlates of social network variation in plurally breeding degus (<i>Octodon degus</i>). <i>Animal Behaviour</i> , 2013, 85, 1407-1414.	1.9	78
3	Fitness consequences of group living in the degu <i>Octodon degus</i> , a plural breeder rodent with communal care. <i>Animal Behaviour</i> , 2009, 78, 131-139.	1.9	76
4	Ecological Predictors of Range Areas and Use of Burrow Systems in the Diurnal Rodent, <i>Octodon degus</i> . <i>Ethology</i> , 2007, 113, 155-165.	1.1	62
5	Towards an integrative understanding of social behavior: new models and new opportunities. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 34.	2.0	58
6	Instability Rules Social Groups in the Communal Breeder Rodent <i>Octodon degus</i> . <i>Ethology</i> , 2009, 115, 540-554.	1.1	55
7	Taxon matters: promoting integrative studies of social behavior. <i>Trends in Neurosciences</i> , 2015, 38, 189-191.	8.6	51
8	Sociality, glucocorticoids and direct fitness in the communally rearing rodent, <i>Octodon degus</i> . <i>Hormones and Behavior</i> , 2011, 60, 346-352.	2.1	50
9	Absence of kin structure in a population of the group-living rodent <i>Octodon degus</i> . <i>Behavioral Ecology</i> , 2011, 22, 248-254.	2.2	42
10	Ecological drivers of group living in two populations of the communally rearing rodent, <i>Octodon degus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 261-274.	1.4	41
11	Fecal cortisol levels predict breeding but not survival of females in the short-lived rodent, <i>Octodon degus</i> . <i>General and Comparative Endocrinology</i> , 2013, 186, 164-171.	1.8	41
12	Mean ecological conditions modulate the effects of group living and communal rearing on offspring production and survival. <i>Behavioral Ecology</i> , 2014, 25, 862-870.	2.2	38
13	Burrow limitations and group living in the communally rearing rodent, <i>Octodon degus</i> . <i>Journal of Mammalogy</i> , 2011, 92, 21-30.	1.3	37
14	The influence of group size on natal dispersal in the communally rearing and semifossorial rodent, <i>Octodon degus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2011, 65, 787-798.	1.4	36
15	Habitat type influences endocrine stress response in the degu (<i>Octodon degus</i>). <i>General and Comparative Endocrinology</i> , 2013, 186, 136-144.	1.8	36
16	The modulating role of group stability on fitness effects of group size is different in females and males of a communally rearing rodent. <i>Journal of Animal Ecology</i> , 2016, 85, 1502-1515.	2.8	35
17	Seasonal variation in the range areas of the diurnal rodent <i>Octodon degus</i> . <i>Journal of Mammalogy</i> , 2010, 91, 458-466.	1.3	34
18	On the dynamics of rodent social groups. <i>Behavioural Processes</i> , 2008, 79, 85-92.	1.1	27

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19	The evolution of intraspecific variation in social organization. <i>Ethology</i> , 2018, 124, 527-536.	1.1	26
20	Seasonal variation in the degu (<i>Octodon degus</i>) endocrine stress response. <i>General and Comparative Endocrinology</i> , 2014, 197, 26-32.	1.8	24
21	Long-term field studies of mammals: what the short-term study cannot tell us. <i>Journal of Mammalogy</i> , 2017, 98, 600-602.	1.3	24
22	A synopsis of long-term field studies of mammals: achievements, future directions, and some advice. <i>Journal of Mammalogy</i> , 2017, 98, 670-677.	1.3	24
23	Intra-specific variation in social organization of Strepsirrhines. <i>American Journal of Primatology</i> , 2018, 80, e22758.	1.7	22
24	The influence of trap type on evaluating population structure of the semifossorial and social rodent <i>Octodon degus</i> . <i>Acta Theriologica</i> , 2009, 54, 311-320.	1.1	21
25	<i>Octodon degus</i> kin and social structure. <i>Journal of Mammalogy</i> , 2016, 97, 361-372.	1.3	20
26	Mechanisms of maternal investment by communal prairie voles, <i>Microtus ochrogaster</i> . <i>Animal Behaviour</i> , 2006, 72, 1069-1080.	1.9	18
27	Towards an integrative model of sociality in caviomorph rodents. <i>Journal of Mammalogy</i> , 2011, 92, 65-77.	1.3	18
28	Maternal stress and plural breeding with communal care affect development of the endocrine stress response in a wild rodent. <i>Hormones and Behavior</i> , 2015, 75, 18-24.	2.1	17
29	Sociality, exotic ectoparasites, and fitness in the plural breeding rodent <i>Octodon degus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 57-66.	1.4	14
30	Male group members are costly to plurally breeding <i>Octodon degus</i> females. <i>Behaviour</i> , 2019, 156, 1-36.	0.8	13
31	Variable social organization is ubiquitous in Artiodactyla and probably evolved from pair-living ancestors. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20200035.	2.6	13
32	EFFECTS OF FEMALE IMMIGRANTS ON DEMOGRAPHY AND SOCIAL ORGANIZATION OF PRAIRIE VOLE (<i>MICROTUS OCHROGASTER</i>) POPULATIONS. <i>Journal of Mammalogy</i> , 2004, 85, 781-787.	1.3	11
33	Long-term field studies on rodents. <i>Journal of Mammalogy</i> , 2017, 98, 642-651.	1.3	11
34	The Effect of Female Prairie Vole (<i>Microtus ochrogaster</i>) Immigrants on Space Use of Conspecific Female Residents. <i>American Midland Naturalist</i> , 2004, 151, 88-92.	0.4	10
35	Immunocompetence of breeding females is sensitive to cortisol levels but not to communal rearing in the degu (<i>Octodon degus</i>). <i>Physiology and Behavior</i> , 2015, 140, 61-70.	2.1	9
36	Multiple mating is linked to social setting and benefits the males in a communally rearing mammal. <i>Behavioral Ecology</i> , 2019, 30, 675-687.	2.2	9

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37	FACTORS AFFECTING NEST LOCATION OF PRAIRIE VOLES (MICROTUS OCHROGASTER). Journal of Mammalogy, 2005, 86, 555-560.	1.3	7
38	A Comparison of the Maternal Care of Females within Prairie Vole (Microtus ochrogaster) Communal Groups. Ethology, 2007, 113, 543-554.	1.1	7
39	Limited and fitness-neutral effects of resource heterogeneity on sociality in a communally rearing rodent. Journal of Mammalogy, 2016, 97, 1125-1135.	1.3	7
40	Highly masculinized and younger males attain higher reproductive success in a social rodent. Behavioral Ecology, 2018, 29, 628-636.	2.2	7
41	Caviomorph rodent social systems: an introduction. Journal of Mammalogy, 2011, 92, 1-2.	1.3	3
42	One for all and all for one: phenotype assortment and reproductive success in masculinized females. Behavioral Ecology, 2021, 32, 1266-1275.	2.2	3
43	Revisiting the components of Macroscelidea social systems: Evidence for variable social organization, including pair-living, but not for a monogamous mating system. Ethology, 2022, 128, 383-394.	1.1	3
44	Evaluating an Open-Exam Approach to Engaging Students in Evolutionary Paradoxes: Cheating to Learn. American Biology Teacher, 2017, 79, 144-148.	0.2	2
45	Socially unstable conditions experienced during development prime female Octodon degus to shape the phenotype of their own offspring. Hormones and Behavior, 2021, 134, 105011.	2.1	2
46	Socioecological conditions predict degu social instability and provide limited cues to forecast subsequent breeding conditions. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	1
47	“Finding Garrett” American Biology Teacher, 2015, 77, 608-612.	0.2	0
48	Effects of Radio-Collars are not Contingent on Socioecological Conditions in Degus. Journal of Wildlife Management, 2021, 85, 1344-1354.	1.8	0
49	Using remote seminars to teach animal behavior. Ethology, 2021, 127, 935.	1.1	0