Daniel I Rubenstein

List of Publications by Year
in descending order

130 papers	5,237 citations	117625 34 h-index	110387 64 g-index
132 all docs	132 docs citations	132 times ranked	6376 citing authors

#	Article	IF	Citations
1	Savannas are vital but overlooked carbon sinks. Science, 2022, 375, 392-392.	12.6	11
2	Effects of a grazing permit market on pastoralist behavior and overgrazing in Kenya. Environmental Research Letters, 2022, 17, 035002.	5.2	1
3	Divergent water requirements partition exposure risk to parasites in wild equids. Ecology and Evolution, 2022, 12, e8693.	1.9	4
4	Expert range maps of global mammal distributions harmonised to three taxonomic authorities. Journal of Biogeography, 2022, 49, 979-992.	3.0	41
5	Stepping Up: A U.S. Perspective on the Ten Steps to Responsible Inland Fisheries. Fisheries, 2022, 47, 68-77.	0.8	0
6	Evaluating expertâ€based habitat suitability information of terrestrial mammals with ‹scp›GPSâ€‹‹/scp›tracking data. Global Ecology and Biogeography, 2022, 31, 1526-1541.	5.8	6
7	Vaccination-hesitancy and global warming: distinct social challenges with similar behavioural solutions. Royal Society Open Science, 2022, 9, .	2.4	4
8	Interacting with others while reacting to the environment. Behavioral and Brain Sciences, 2022, 45, .	0.7	1
9	More than ponds amid skyscrapers: Urban fisheries as multiscalar humanâ€“natural systems. Aquatic Ecosystem Health and Management, 2022, 25, 49-58.	0.6	2
10	Population structure, inbreeding and stripe pattern abnormalities in plains zebras. Molecular Ecology, 2021, 30, 379-390.	3.9	17
11	On Multifaceted Definitions of Multilevel Societies: Response to Papageorgiou and Farine. Trends in Ecology and Evolution, 2021, 36, 17-19.	8.7	3
12	Resolution of Respect Robert M. May (1936â€“2020). Bulletin of the Ecological Society of America, 2021, 102, e01769.	0.2	0
13	Anthropogenic injuries disrupt social associations of common bottlenose dolphins (Tursiops) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.8	13
14	Staying Alive: Long-Term Success of Bottlenose Dolphin Interventions in Southwest Florida. Frontiers in Marine Science, 2021, 7, .	2.5	9
15	Moving through the mosaic: identifying critical linkage zones for large herbivores across a multipleâ€use African landscape. Landscape Ecology, 2021, 36, 1325-1340.	4.2	13
16	Boat to bowl: resilience through network rewiring of a community-supported fishery amid the COVID-19 pandemic. Environmental Research Letters, 2021, 16, 034054.	5.2	12
17	Modeling Atlantic herring fisheries as multiscalar human-natural systems. Fisheries Research, 2021, 236, 105855.	1.7	4
18	Stewardship of global collective behavior. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	129

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19	Body size and digestive system shape resource selection by ungulates: A crossâ€taxa test of the forage maturation hypothesis. Ecology Letters, 2021, 24, 2178-2191.	6.4	19
20	Increased vigilance of plains zebras (Equus quagga) in response to more bush coverage in a Kenyan savanna. Climate Change Ecology, 2021, 1, 100001.	1.9	5
21	Characterization of intestinal microbiota and fecal cortisol, T3, and IgA in forest musk deer () Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.6	22
22	Bothersome Flies: How Free-Ranging Horses Reduce Harm While Maintaining Nutrition. Frontiers in Ecology and Evolution, 2021, 9, .	2.2	4
23	The gastrointestinal nematodes of plains and Grevy's zebras: Phylogenetic relationships and host specificity. International Journal for Parasitology: Parasites and Wildlife, 2021, 16, 228-235.	1.5	8
24	A new classification of mammalian uni-male multi-female groups based on the fundamental principles governing inter- and intrasexual relationships. Behavioral Ecology and Sociobiology, 2021, 75, 1.	1.4	5
25	Landscape sustainability science in the drylands: mobility, rangelands and livelihoods. Landscape Ecology, 2020, 35, 2433-2447.	4.2	29
26	Linking Multiscalar Fisheries Using Metacoupling Models. Frontiers in Marine Science, 2020, 7, .	2.5	8
27	The behavioural challenge of the COVID-19 pandemic: indirect measurements and personalized attitude changing treatments (IMPACT). Royal Society Open Science, 2020, 7, 201131.	2.4	20
28	Multilevel Organisation of Animal Sociality. Trends in Ecology and Evolution, 2020, 35, 834-847.	8.7	84
29	The non-invasive measurement of faecal immunoglobulin in African equids. International Journal for Parasitology: Parasites and Wildlife, 2020, 12, 105-112.	1.5	7
30	Global Marine Fishing across Space and Time. Sustainability, 2020, 12, 4714.	3.2	19
31	Communication is key: Mother-offspring signaling can affect behavioral responses and offspring survival in feral horses (Equus caballus). PLoS ONE, 2020, 15, e0231343.	2.5	0
32	Title is missing!. , 2020, 15, e0231343.		0
33	Title is missing!. , 2020, 15, e0231343.		0
34	Title is missing!. , 2020, 15, e0231343.		0
35	Title is missing!. , 2020, 15, e0231343.		0
36	Reciprocity and rotating social advantage among females in egalitarian primate societies. Animal Behaviour, 2019, 157, 189-200.	1.9	5

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37	Updated geographic range maps for giraffe, Giraffa spp., throughout subâ€Saharan Africa, and implications of changing distributions for conservation. Mammal Review, 2019, 49, 285-299.	4.8	27
38	Apparent Competition, Lion Predation, and Managed Livestock Grazing: Can Conservation Value Be Enhanced?. Frontiers in Ecology and Evolution, 2019, 7, .	2.2	9
39	Contact Calls Facilitate Group Contraction in Free-Ranging Goats (Capra aegagrus hircus). Frontiers in Ecology and Evolution, 2019, 7, .	2.2	13
40	Behavioral and Ecological Implications of Bunched, Rotational Cattle Grazing in East African Savanna Ecosystem. Rangeland Ecology and Management, 2019, 72, 204-209.	2.3	14
41	Citizen Science in Schools: Students Collect Valuable Mammal Data for Science, Conservation, and Community Engagement. BioScience, 2019, 69, 69-79.	4.9	42
42	How ecology shapes exploitation: a framework to predict the behavioural response of human and animal foragers along explorationâ€“exploitation tradeâ€offs. Ecology Letters, 2018, 21, 779-793.	6.4	32
43	Knowledgeable Lemurs Become More Central in Social Networks. Current Biology, 2018, 28, 1306-1310.e2.	3.9	63
44	Moving in the Anthropocene: Global reductions in terrestrial mammalian movements. Science, 2018, 359, 466-469.	12.6	783
45	Revealing lifeâ€history traits by contrasting genetic estimations with predictions of effective population size. Conservation Biology, 2018, 32, 817-827.	4.7	5
46	An assessment of tree availability as a possible cause of population declines in scavenging raptors. Journal of Avian Biology, 2018, 49, jav-01497.	1.2	4
47	Striping patterns may not influence social interactions and mating in zebra: Observations from melanic zebra in South Africa. African Journal of Ecology, 2018, 56, 428-431.	0.9	3
48	Consistent individual variation across interaction networks indicates social personalities in lemurs. Animal Behaviour, 2018, 136, 217-226.	1.9	26
49	Temporal structuring of vigilance behaviour by female Thomson's gazelles with hidden fawns. Animal Behaviour, 2018, 145, 87-97.	1.9	7
50	Resolving a conservation dilemma: Vulnerable lions eating endangered zebras. PLoS ONE, 2018, 13, e0201983.	2.5	10
51	Above- and below-ground allocation and functional trait response to soil water inputs and drying rates of two common savanna grasses. Journal of Arid Environments, 2018, 157, 1-12.	2.4	3
52	Mutualistic acacia ants exhibit reduced aggression and more frequent offâ€tree movements near termite mounds. Biotropica, 2018, 50, 559-562.	1.6	1
53	Tightly Bunched Herding Improves Cattle Performance in African Savanna Rangeland. Rangeland Ecology and Management, 2018, 71, 481-491.	2.3	11
54	Vegetation, Wildlife, and Livestock Responses to Planned Grazing Management in an African Pastoral Landscape. Land Degradation and Development, 2017, 28, 2030-2038.	3.9	34

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55	Pastoralist societies in flux: A conceptual framework analysis of herding and land use among the Mukugodo Maasai of Kenya. Pastoralism, 2017, 7, .	1.0	26
56	Physiology modulates social flexibility and collective behaviour in equids and other large ungulates. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160241.	4.0	14
57	Lingering effects of contraception management on feral mare (Equus caballus) fertility and social behavior. , 2017, 5, cox018.		16
58	Effects of holistic grazing management on milk production, weight gain, and visitation to grazing areas by livestock and wildlife in Laikipia County, Kenya. Ecological Processes, 2016, 5, .	3.9	9
59	Anthropogenic impacts on behavior: the pros and cons of plasticity. , 2016, , 121-146.		4
60	Evidence based review: positive versus negative effects of livestock grazing on wildlife. What do we really know?. Environmental Research Letters, 2016, 11, 113003.	5.2	125
61	Between-gender differences in vigilance do not necessarily lead to differences in foraging-vigilance tradeoffs. Oecologia, 2016, 181, 757-768.	2.0	18
62	Social networks predict selective observation and information spread in ravens. Royal Society Open Science, 2016, 3, 160256.	2.4	49
63	Effects of traditional pastoralism on grasshopper (Caelifera) assemblages in East Africa. African Journal of Ecology, 2016, 54, 167-173.	0.9	2
64	From Pleistocene to trophic rewilding: A wolf in sheepâ€™s clothing. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E1.	7.1	33
65	Concordance on zebra stripes is not black and white: response to comment by Caro & Stankowich (2015). Royal Society Open Science, 2015, 2, 150359.	2.4	4
66	Water Use Patterns of Sympatric Przewalskiâ€™s Horse and Khulan: Interspecific Comparison Reveals Niche Differences. PLoS ONE, 2015, 10, e0132094.	2.5	27
67	Similar but Different: Dynamic Social Network Analysis Highlights Fundamental Differences between the Fission-Fusion Societies of Two Equid Species, the Onager and Grevyâ€™s Zebra. PLoS ONE, 2015, 10, e0138645.	2.5	42
68	The launch of Environmental Research Reviews. Environmental Research Letters, 2015, 10, 120402.	5.2	0
69	DNA metabarcoding illuminates dietary niche partitioning by African large herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8019-8024.	7.1	431
70	Herd Size-Dependent Effects of Restricted Foraging Time Allowance on Cattle Behavior, Nutrition, and Performance. Rangeland Ecology and Management, 2015, 68, 341-348.	2.3	11
71	Genetic relatedness in two-tiered plains zebra societies suggests that females choose to associate with kin. Behaviour, 2015, 152, 2059-2078.	0.8	17
72	Sociality increases juvenile survival after a catastrophic event in the feral horse (Equus caballus). Behavioral Ecology, 2015, 26, 138-147.	2.2	64

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73	How the zebra got its stripes: a problem with too many solutions. Royal Society Open Science, 2015, 2, 140452.	2.4	59
74	Caught between two worlds: genes and environment influence behaviour of plains Ã— Grevy's zebra hybrids in central Kenya. Animal Behaviour, 2015, 106, 17-26.	1.9	5
75	High carbon and biodiversity costs from converting Africaâ€™s wet savannahs to cropland. Nature Climate Change, 2015, 5, 481-486.	18.8	105
76	Juvenile social relationships reflect adult patterns of behavior in wild geladas. American Journal of Primatology, 2015, 77, 1086-1096.	1.7	24
77	Coping with transition: offspring risk and maternal behavioural changes at the end of the hiding phase. Animal Behaviour, 2015, 109, 217-225.	1.9	16
78	Lemurs groom-at-a-distance through vocal networks. Animal Behaviour, 2015, 110, 179-186.	1.9	51
79	Disruption of a protective antâ€“plant mutualism by an invasive ant increases elephant damage to savanna trees. Ecology, 2015, 96, 654-661.	3.2	39
80	An Extra Dimension to Decision-Making in Animals: The Three-way Trade-off between Speed, Effort per-Unit-Time and Accuracy. PLoS Computational Biology, 2014, 10, e1003937.	3.2	17
81	Maternal tactics for mitigating neonate predation risk during the postpartum period in Thomsonâ€™s gazelle. Behaviour, 2014, 151, 1229-1248.	0.8	15
82	Individual recognition through olfactoryâ€“auditory matching in lemurs. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140071.	2.6	39
83	Linking social environment and stress physiology in feral mares (Equus caballus): Group transfers elevate fecal cortisol levels. General and Comparative Endocrinology, 2014, 196, 26-33.	1.8	35
84	African Vultures Donâ€™t Follow Migratory Herds: Scavenger Habitat Use Is Not Mediated by Prey Abundance. PLoS ONE, 2014, 9, e83470.	2.5	45
85	Reciprocal insurance among Kenyan pastoralists. Theoretical Ecology, 2013, 6, 173-187.	1.0	22
86	A Free-Ranging, Feral MareEquus caballusAffords Similar Maternal Care to Her Genetic and Adopted Offspring. American Naturalist, 2013, 182, 674-681.	2.1	7
87	HotSpotter — Patterned species instance recognition. , 2013, , .		93
88	Social Behavior. , 2013, , 571-579.		5
89	Habitat use by the Persian onager,Equus hemionus onager(Perissodactyla: Equidae) in Qatrouyeh National Park, Fars, Iran. Journal of Natural History, 2013, 47, 2795-2814.	0.5	8
90	Initiators, Leaders, and Recruitment Mechanisms in the Collective Movements of Damselfish. American Naturalist, 2013, 181, 748-760.	2.1	27

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91	Stigmergy, collective actions, and animal social spacing. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16904-16909.	7.1	43
92	Fusing enacted and expected mimicry generates a winning strategy that promotes the evolution of cooperation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10229-10233.	7.1	35
93	International citizen science: making the local global. Frontiers in Ecology and the Environment, 2012, 10, 328-331.	4.0	26
94	Aggression, grooming and groupâ€level cooperation in whiteâ€faced capuchins (Cebus capucinus): insights from social networks. American Journal of Primatology, 2011, 73, 821-833.	1.7	46
95	Biometric animal databases from field photographs. , 2011, , .		72
96	Landscape-Scale Conservation Planning of the Ewaso Nyiro: A Model for Land Use Planning in Kenya?. Smithsonian Contributions To Zoology, 2011, , 105-123.	1.5	3
97	Group structure in a restricted entry system is mediated by both resident and joiner preferences. Behavioral Ecology and Sociobiology, 2010, 64, 1099-1106.	1.4	34
98	A rare fight in female plains zebra. Journal of Ethology, 2010, 28, 201-205.	0.8	11
99	The effects of immunocontraception on harem fidelity in a feral horse (Equus caballus) population. Applied Animal Behaviour Science, 2010, 128, 50-56.	1.9	20
100	Immunocontraception in Wild Horses (Equus caballus) Extends Reproductive Cycling Beyond the Normal Breeding Season. PLoS ONE, 2010, 5, e13635.	2.5	34
101	Ecology, Social Behavior, and Conservation in Zebras. Advances in the Study of Behavior, 2010, , 231-258.	1.6	40
102	Immunocontraception decreases group fidelity in a feral horse population during the non-breeding season. Applied Animal Behaviour Science, 2009, 117, 74-83.	1.9	38
103	Conservation planning on a budget: a â€œresource lightâ€•method for mapping priorities at a landscape scale?. Biodiversity and Conservation, 2009, 18, 1979-2000.	2.6	10
104	Reproductive status influences group size and persistence of bonds in male plains zebra (Equus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2	1.4	28
105	Is the endangered Grevy's zebra threatened by hybridization?. Animal Conservation, 2009, 12, 505-513.	2.9	42
106	Grevy's zebra conservation: overcoming threats of isolation, genetic hybridization and demographic instability. Animal Conservation, 2009, 12, 520-521.	2.9	1
107	Partnering with local communities to identify conservation priorities for endangered Grevyâ€™s zebra. Biological Conservation, 2009, 142, 1548-1555.	4.1	34
108	Sociality and reproductive skew in horses and zebras. , 2009, , 196-226.		27

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109	Habitat choice of Grevyâ€™s zebras (Equus grevyi) in Laikipia, Kenya. African Journal of Ecology, 2008, 46, 359-364.	0.9	18
110	Social relationships and reproductive state influence leadership roles in movements of plains zebra, Equus burchellii. Animal Behaviour, 2007, 73, 825-831.	1.9	242
111	Network metrics reveal differences in social organization between two fissionâ€“fusion species, Grevyâ€™s zebra and onager. Oecologia, 2007, 151, 140-149.	2.0	210
112	Pleistocene Park: Does re-wilding North America represent sound conservation for the 21st century?. Biological Conservation, 2006, 132, 232-238.	4.1	96
113	The Impact of Increased Environmental Stochasticity Due to Climate Change on the Dynamics of Asiatic Wild Ass. Conservation Biology, 2006, 20, 1402-1409.	4.7	45
114	Natural and sexual selection and the evolution of multi-level societies: insights from zebras with comparisons to primates. , 2004, , 266-279.		77
115	Combining Strategies to Select Reserves in Fragmented Landscapes. Conservation Biology, 2004, 18, 1121-1131.	4.7	10
116	The Effect of Spaceâ€Use Patterns of Reintroduced Asiatic Wild Ass on Effective Population Size. Conservation Biology, 2000, 14, 1852-1861.	4.7	32
117	The Effect of Space-Use Patterns of Reintroduced Asiatic Wild Ass on Effective Population Size. Conservation Biology, 2000, 14, 1852-1861.	4.7	27
118	Group Choice as a Function of Group Size Differences and Assessment Time in Fish: The Influence of Species Vulnerability to Predation. Ethology, 1998, 104, 68-74.	1.1	47
119	Shoal Choice Behaviour in Fish: the Relationship Between Assessment Time and Assessment Quality. Behaviour, 1997, 134, 1051-1062.	0.8	11
120	Mortality Risk of Spatial Positions in Animal Groups: the Danger of Being in the Front. Behaviour, 1997, 134, 1063-1076.	0.8	163
121	Population Dynamics of a Reintroduced Asiatic Wild Ass (Equus Hemionus) Herd. , 1995, 5, 327-335.		109
122	Horse signals: The sounds and scents of fury. Evolutionary Ecology, 1992, 6, 254-260.	1.2	68
123	Life history and social organization in arid adapted ungulates. Journal of Arid Environments, 1989, 17, 145-156.	2.4	29
124	Parasites and Social Behavior of Island Feral Horses. Oikos, 1989, 55, 312.	2.7	83
125	Population density, resource patterning, and territoriality in the Everglades pygmy sunfish. Animal Behaviour, 1981, 29, 155-172.	1.9	84
126	Combat and communication in the Everglades pygmy sunfish. Animal Behaviour, 1981, 29, 249-258.	1.9	21

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127	Individual Variation and Competition in the Everglades Pygmy Sunfish. Journal of Animal Ecology, 1981, 50, 337.	2.8	108
128	On Predation, Competition, and the Advantages of Group Living. Perspectives in Ethology, 1978, , 205-231.	0.5	93
129	Ecology and Sociality in Horses and Zebras. , 0, , 282-302.		22
130	Predator Attack Strategy and Prey Behaviour Drive Individual Predation Risk in Schooling Prey. SSRN Electronic Journal, 0, , .	0.4	0