

# Dustin R Rubenstein

## List of Publications by Year in descending order

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Version: 2024-02-01

114  
papers

5,747  
citations

126907

33  
h-index

91884

69  
g-index

124  
all docs

124  
docs citations

124  
times ranked

6169  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperation and Lateral Forces: Moving Beyond Bottom-Up and Top-Down Drivers of Animal Population Dynamics. <i>Frontiers in Psychology</i> , 2022, 13, 768773.	2.1	0
2	Prenatal environmental conditions underlie alternative reproductive tactics that drive the formation of a mixed-kin cooperative society. <i>Science Advances</i> , 2022, 8, eabk2220.	10.3	3
3	The spatial and temporal distribution of females influence the evolution of testes size in Australian rodents. <i>Biology Letters</i> , 2022, 18, 20220058.	2.3	3
4	Plasticity in social behaviour varies with reproductive status in an avian cooperative breeder. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, 20220355.	2.6	0
5	Animal Society. , 2022, , 317-320.		0
6	Male-like female morphs in hummingbirds: the evolution of a widespread sex-limited plumage polymorphism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20203004.	2.6	14
7	Feather Gene Expression Elucidates the Developmental Basis of Plumage Iridescence in African Starlings. <i>Journal of Heredity</i> , 2021, 112, 417-429.	2.4	15
8	Eusociality in snapping shrimps is associated with larger genomes and an accumulation of transposable elements. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	19
9	Male-like ornamentation in female hummingbirds results from social harassment rather than sexual selection. <i>Current Biology</i> , 2021, 31, 4381-4387.e6.	3.9	18
10	Long-Term Measures of Climate Unpredictability Shape the Avian Endocrine Stress Axis. <i>American Naturalist</i> , 2021, 198, 394-405.	2.1	4
11	Larval ecology, dispersal, and the evolution of sociality in the sea. <i>Ethology</i> , 2021, 127, 808-820.	1.1	1
12	Antagonistic effects of long- and short-term environmental variation on species coexistence. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20211491.	2.6	5
13	A chemically triggered transition from conflict to cooperation in burying beetles. <i>Ecology Letters</i> , 2020, 23, 467-475.	6.4	18
14	Social rank modulates how environmental quality influences cooperation and conflict within animal societies. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201720.	2.6	6
15	Ecological uncertainty favours the diversification of host use in avian brood parasites. <i>Nature Communications</i> , 2020, 11, 4185.	12.8	25
16	Locally-adapted reproductive photoperiodism determines population vulnerability to climate change in burying beetles. <i>Nature Communications</i> , 2020, 11, 1398.	12.8	9
17	Ecological Transitions in Grouping Benefits Explain the Paradox of Environmental Quality and Sociality. <i>American Naturalist</i> , 2020, 195, 818-832.	2.1	15
18	Survival Benefits of Group Living in a Fluctuating Environment. <i>American Naturalist</i> , 2020, 195, 1027-1036.	2.1	37

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19	Extreme and Variable Climatic Conditions Drive the Evolution of Sociality in Australian Rodents. <i>Current Biology</i> , 2020, 30, 691-697.e3.	3.9	31
20	Antagonistic effects of intraspecific cooperation and interspecific competition on thermal performance. <i>ELife</i> , 2020, 9, .	6.0	7
21	Environmental Uncertainty and Social Behavior. , 2019, , 807-815.		1
22	The global biogeography of avian haemosporidian parasites is characterized by local diversification and intercontinental dispersal. <i>Parasitology</i> , 2019, 146, 213-219.	1.5	34
23	A continuum of biological adaptations to environmental fluctuation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20191623.	2.6	9
24	TERAD: Extraction of transposable element composition from RADseq data. <i>Molecular Ecology Resources</i> , 2019, 19, 1681-1688.	4.8	3
25	Nest predation predicts infanticide in a cooperatively breeding bird. <i>Biology Letters</i> , 2019, 15, 20190314.	2.3	2
26	Artificial intelligence reveals environmental constraints on colour diversity in insects. <i>Nature Communications</i> , 2019, 10, 4554.	12.8	20
27	Coevolution of Genome Architecture and Social Behavior. <i>Trends in Ecology and Evolution</i> , 2019, 34, 844-855.	8.7	49
28	A Tissue Comparison of DNA Methylation of the Glucocorticoid Receptor Gene ( <i>Nr3c1</i> ) in European Starlings. <i>Integrative and Comparative Biology</i> , 2019, 59, 264-272.	2.0	12
29	Resolving the Paradox of Environmental Quality and Sociality: The Ecological Causes and Consequences of Cooperative Breeding in Two Lineages of Birds. <i>American Naturalist</i> , 2019, 194, 207-216.	2.1	33
30	Social transitions in sponge-dwelling snapping shrimp. <i>Current Opinion in Insect Science</i> , 2019, 34, 33-39.	4.4	5
31	Multiple benefits of alloparental care in a fluctuating environment. <i>Royal Society Open Science</i> , 2018, 5, 172406.	2.4	26
32	Testosterone, social status and parental care in a cooperatively breeding bird. <i>Hormones and Behavior</i> , 2018, 97, 85-93.	2.1	13
33	No short-term physiological costs of offspring care in a cooperatively breeding bird. <i>Journal of Experimental Biology</i> , 2018, 221, .	1.7	8
34	Multitasking and the evolution of optimal clutch size in fluctuating environments. <i>Ecology and Evolution</i> , 2018, 8, 8803-8817.	1.9	5
35	The oxidative costs of parental care in cooperative and pair-breeding African starlings. <i>Oecologia</i> , 2018, 188, 53-63.	2.0	12
36	Animal Society. , 2018, , 1-3.		0

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37	Cooperation facilitates the colonization of harsh environments. <i>Nature Ecology and Evolution</i> , 2017, 1, 57.	7.8	96
38	The ecology of cooperative breeding behaviour. <i>Ecology Letters</i> , 2017, 20, 708-720.	6.4	115
39	Social Synthesis. , 2017, , 427-452.		11
40	The Evolution of Social Evolution. , 2017, , 1-18.		13
41	Sociality in Aphids and Thrips. , 2017, , 154-187.		17
42	Sociality in Shrimps. , 2017, , 224-250.		17
43	Sociality in Non-Primate Mammals. , 2017, , 284-319.		21
44	Sociality in Birds. , 2017, , 320-353.		9
45	Sociality in Primates. , 2017, , 253-283.		18
46	Sociality in Fishes. , 2017, , 354-389.		17
47	Evolutionary transitions towards eusociality in snapping shrimps. <i>Nature Ecology and Evolution</i> , 2017, 1, 96.	7.8	38
48	Ecological generalism facilitates the evolution of sociality in snapping shrimps. <i>Ecology Letters</i> , 2017, 20, 1516-1525.	6.4	13
49	Development of genome- and transcriptome-derived microsatellites in related species of snapping shrimps with highly duplicated genomes. <i>Molecular Ecology Resources</i> , 2017, 17, e160-e173.	4.8	6
50	Introduction to Symposium: The Developmental and Proximate Mechanisms Causing Individual Variation in Cooperative Behavior. <i>Integrative and Comparative Biology</i> , 2017, 57, 560-565.	2.0	2
51	Comparative Social Evolution. , 2017, , .		97
52	Discrete but variable structure of animal societies leads to the false perception of a social continuum. <i>Royal Society Open Science</i> , 2016, 3, 160147.	2.4	23
53	Song in a Social and Sexual Context: Vocalizations Signal Identity and Rank in Both Sexes of a Cooperative Breeder. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	2.2	7
54	Selection, constraint, and the evolution of coloration in African starlings. <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1064-1079.	2.3	40

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55	Sexual and natural selection in the evolution of extended phenotypes: the use of green nesting material in starlings. <i>Journal of Evolutionary Biology</i> , 2016, 29, 1585-1592.	1.7	9
56	Superb starlings: Cooperation and conflict in an unpredictable environment. , 2016, , 181-196.		21
57	Patterns of genome size variation in snapping shrimp. <i>Genome</i> , 2016, 59, 393-402.	2.0	42
58	Environmental variability and the evolution of the glucocorticoid receptor ( <i>Nr3c1</i> ) in African starlings. <i>Ecology Letters</i> , 2016, 19, 1219-1227.	6.4	6
59	Introduction to Symposium: New Frontiers in the Integrative Study of Animal Behavior: Nothing in Neuroscience Makes Sense Except in the Light of Behavior. <i>Integrative and Comparative Biology</i> , 2016, 56, 1192-1196.	2.0	3
60	Sex-specific fitness effects of unpredictable early life conditions are associated with DNA methylation in the avian glucocorticoid receptor. <i>Molecular Ecology</i> , 2016, 25, 1714-1728.	3.9	71
61	From Pleistocene to trophic rewilding: A wolf in sheep's clothing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E1.	7.1	33
62	A comparison of single nucleotide polymorphism and microsatellite markers for analysis of parentage and kinship in a cooperatively breeding bird. <i>Molecular Ecology Resources</i> , 2015, 15, 502-511.	4.8	74
63	Proximate pathways underlying social behavior. <i>Current Opinion in Behavioral Sciences</i> , 2015, 6, 154-159.	3.9	25
64	Reproductive skew drives patterns of sexual dimorphism in sponge-dwelling snapping shrimps. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150342.	2.6	20
65	Evolutionary tipping points in the capacity to adapt to environmental change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 184-189.	7.1	380
66	Taxon matters: promoting integrative studies of social behavior. <i>Trends in Neurosciences</i> , 2015, 38, 189-191.	8.6	51
67	Bateman's principle is reversed in a cooperatively breeding bird. <i>Biology Letters</i> , 2015, 11, 20150034.	2.3	17
68	Social Control of Reproduction and Breeding Monopolization in the Eusocial Snapping Shrimp <i>Synalpheus elizabethae</i> . <i>American Naturalist</i> , 2015, 186, 660-668.	2.1	19
69	The fitness consequences of kin-biased dispersal in a cooperatively breeding bird. <i>Biology Letters</i> , 2015, 11, 20150336.	2.3	15
70	Group Size and Social Conflict in Complex Societies. <i>American Naturalist</i> , 2014, 183, 301-310.	2.1	34
71	An evolutionary framework for studying mechanisms of social behavior. <i>Trends in Ecology and Evolution</i> , 2014, 29, 581-589.	8.7	157
72	Climate-mediated cooperation promotes niche expansion in burying beetles. <i>ELife</i> , 2014, 3, e02440.	6.0	35

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73	The ecology of stress: effects of the social environment. <i>Functional Ecology</i> , 2013, 27, 66-80.	3.6	372
74	Pitch- and spectral-based dynamic time warping methods for comparing field recordings of harmonic avian vocalizations. <i>Journal of the Acoustical Society of America</i> , 2013, 134, 1407-1415.	1.1	22
75	Social context and the lack of sexual dimorphism in song in an avian cooperative breeder. <i>Animal Behaviour</i> , 2013, 85, 709-714.	1.9	17
76	Physiological costs and carry-over effects of avian interspecific brood parasitism influence reproductive tradeoffs. <i>Hormones and Behavior</i> , 2013, 63, 717-722.	2.1	42
77	<i>Social Behavior.</i> , 2013, , 571-579.		5
78	Flight calls signal group and individual identity but not kinship in a cooperatively breeding bird. <i>Behavioral Ecology</i> , 2013, 24, 1279-1285.	2.2	31
79	Sexual selection accelerates signal evolution during speciation in birds. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131065.	2.6	164
80	Key ornamental innovations facilitate diversification in an avian radiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 10687-10692.	7.1	134
81	Decline and Local Extinction of Caribbean Eusocial Shrimp. <i>PLoS ONE</i> , 2013, 8, e54637.	2.5	9
82	Sexual and social competition: broadening perspectives by defining female roles. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2248-2252.	4.0	40
83	Phylogenetic relationships of the mockingbirds and thrashers (Aves: Mimidae). <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 219-229.	2.7	33
84	Family feuds: social competition and sexual conflict in complex societies. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 2304-2313.	4.0	31
85	Fluctuating Environments, Sexual Selection and the Evolution of Flexible Mate Choice in Birds. <i>PLoS ONE</i> , 2012, 7, e32311.	2.5	95
86	Spatiotemporal environmental variation, risk aversion, and the evolution of cooperative breeding as a bet-hedging strategy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 10816-10822.	7.1	111
87	Environmental Uncertainty and the Global Biogeography of Cooperative Breeding in Birds. <i>Current Biology</i> , 2011, 21, 72-78.	3.9	288
88	Environmental Uncertainty and the Global Biogeography of Cooperative Breeding in Birds. <i>Current Biology</i> , 2011, 21, 438.	3.9	9
89	Towards an integrative understanding of social behavior: new models and new opportunities. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 34.	2.0	58
90	Reproductive skew and selection on female ornamentation in social species. <i>Nature</i> , 2009, 462, 786-789.	27.8	128

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91	Reproductive Conflict and the Costs of Social Status in Cooperatively Breeding Vertebrates. <i>American Naturalist</i> , 2009, 173, 650-662.	2.1	49
92	A complete species-level molecular phylogeny for the "Eurasian" starlings (Sturnidae: Sturnus,) <i>Trends in Ecology and Evolution</i> , 2008, 23, 655-658.	2.7	20
93	Are hotshots always hot? A longitudinal study of hormones, behavior, and reproductive success in male marine iguanas. <i>General and Comparative Endocrinology</i> , 2008, 157, 227-232.	1.8	24
94	Environmental and hormonal correlates of immune activity in a cooperatively breeding tropical bird. <i>General and Comparative Endocrinology</i> , 2008, 159, 10-15.	1.8	33
95	Dynamic feedback between phenotype and physiology in sexually selected traits. <i>Trends in Ecology and Evolution</i> , 2008, 23, 655-658.	8.7	47
96	Microsatellite development suggests evidence of polyploidy in the social sponge-dwelling snapping shrimp <i>Zuzalpheus brooksi</i> . <i>Molecular Ecology Resources</i> , 2008, 8, 890-894.	4.8	8
97	Territory quality drives intraspecific patterns of extrapair paternity. <i>Behavioral Ecology</i> , 2007, 18, 1058-1064.	2.2	39
98	Temporal but Not Spatial Environmental Variation Drives Adaptive Offspring Sex Allocation in a Plural Cooperative Breeder. <i>American Naturalist</i> , 2007, 170, 155-165.	2.1	44
99	The evolution of cooperative breeding; is there cheating?. <i>Behavioural Processes</i> , 2007, 76, 131-137.	1.1	14
100	Stress hormones and sociality: integrating social and environmental stressors. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 967-975.	2.6	81
101	Female extrapair mate choice in a cooperative breeder: trading sex for help and increasing offspring heterozygosity. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1895-1903.	2.6	79
102	The evolution of foraging behavior in the Galapagos marine iguana: natural and sexual selection on body size drives ecological, morphological, and behavioral specialization. <i>Evolution</i> , 2007, 61, 491-507.		8
103	A comprehensive molecular phylogeny of the starlings (Aves: Sturnidae) and mockingbirds (Aves:) <i>Trends in Ecology and Evolution</i> , 2007, 22, 1031-1056.	2.7	69
104	Temporal Environmental Variability Drives the Evolution of Cooperative Breeding in Birds. <i>Current Biology</i> , 2007, 17, 1414-1419.	3.9	217
105	Pleistocene Park: Does re-wilding North America represent sound conservation for the 21st century?. <i>Biological Conservation</i> , 2006, 132, 232-238.	4.1	96
106	Provisioning of Fledgling Conspecifics by Males of the Brood-parasitic Cuckoos <i>Chrysococcyx kilaueae</i> and <i>C. caprius</i> . <i>Wilson Journal of Ornithology</i> , 2006, 118, 99-101.	0.2	2
107	Polymorphic microsatellite loci in a plural breeder, the grey-capped social weaver ( <i>Pseudonigrita</i> ) <i>Trends in Ecology and Evolution</i> , 2005, 20, 16-20.	1.7	11
108	Isolation and characterization of polymorphic microsatellite loci in the plural cooperatively breeding superb starling, <i>Lamprolaima superbus</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 739-744.	1.7	31

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109	Steroid hormones and aggression in female Galápagos marine iguanas. <i>Hormones and Behavior</i> , 2005, 48, 329-341.	2.1	67
110	THE ROLE OF SPECIES ABUNDANCE IN DETERMINING BREEDING ORIGINS OF MIGRATORY BIRDS WITH STABLE ISOTOPES. , 2004, 14, 1780-1788.		138
111	From birds to butterflies: animal movement patterns and stable isotopes. <i>Trends in Ecology and Evolution</i> , 2004, 19, 256-263.	8.7	697
112	SEASONAL CHANGES IN FOOD QUALITY: A PROXIMATE CUE FOR REPRODUCTIVE TIMING IN MARINE IGUANAS. <i>Ecology</i> , 2003, 84, 3013-3023.	3.2	49
113	Linking Breeding and Wintering Ranges of a Migratory Songbird Using Stable Isotopes. <i>Science</i> , 2002, 295, 1062-1065.	12.6	270
114	Shell dynamics and microhabitat selection by striped legged hermit crabs, <i>Clibanarius vittatus</i> (Bosc). <i>Journal of Experimental Marine Biology and Ecology</i> , 1995, 192, 157-172.	1.5	22