

Denis Reale

List of Publications by Year in descending order

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Version: 2024-02-01

125
papers

15,778
citations

44069

48
h-index

18130

120
g-index

132
all docs

132
docs citations

132
times ranked

10400
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex, body size, and boldness shape the seasonal foraging habitat selection in southern elephant seals. <i>Ecology and Evolution</i> , 2022, 12, e8457.	1.9	4
2	Quantifying heritability and estimating evolutionary potential in the wild when individuals that share genes also share environments. <i>Journal of Animal Ecology</i> , 2022, 91, 1239-1250.	2.8	5
3	Differences in the temporal scale of reproductive investment across the slow-fast continuum in a passerine. <i>Ecology Letters</i> , 2022, 25, 1139-1151.	6.4	4
4	Resource Availability, Sex, and Individual Differences in Exploration Drive Individual Diet Specialization. <i>American Naturalist</i> , 2022, 200, 1-16.	2.1	3
5	Linking genetic, morphological, and behavioural divergence between inland island and mainland deer mice. <i>Heredity</i> , 2022, 128, 97-106.	2.6	2
6	The Feast and the Famine: Spring Body Mass Variations and Life History Traits in a Pulse Resource Ecosystem. <i>American Naturalist</i> , 2022, 200, 598-606.	2.1	1
7	Telomere length positively correlates with pace-of-life in a sex- and cohort-specific way and elongates with age in a wild mammal. <i>Molecular Ecology</i> , 2022, 31, 3812-3826.	3.9	7
8	Connecting the data landscape of long-term ecological studies: The SPI-Birds data hub. <i>Journal of Animal Ecology</i> , 2021, 90, 2147-2160.	2.8	25
9	Behavioral variation in natural contests: integrating plasticity and personality. <i>Behavioral Ecology</i> , 2021, 32, 277-285.	2.2	9
10	Bacterial microbiota similarity between predators and prey in a blue tit trophic network. <i>ISME Journal</i> , 2021, 15, 1098-1107.	9.8	16
11	Indirect genetic and environmental effects on behaviors, morphology, and life-history traits in a wild Eastern chipmunk population. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1492-1512.	2.3	9
12	Social selection acts on behavior and body mass but does not contribute to the total selection differential in eastern chipmunks. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 89-102.	2.3	12
13	Consumption of red maple in anticipation of beech mast-seeding drives reproduction in eastern chipmunks. <i>Journal of Animal Ecology</i> , 2020, 89, 1190-1201.	2.8	12
14	The island syndrome hypothesis is only partially validated in two rodent species in an inland-island system. <i>Oikos</i> , 2020, 129, 1739-1751.	2.7	8
15	Coordination in parental effort decreases with age in a long-lived seabird. <i>Oikos</i> , 2020, 129, 1763-1772.	2.7	8
16	Age-dependent phenological plasticity in a wild bird. <i>Journal of Animal Ecology</i> , 2020, 89, 2733-2741.	2.8	14
17	Robustness of linear mixed-effects models to violations of distributional assumptions. <i>Methods in Ecology and Evolution</i> , 2020, 11, 1141-1152.	5.2	528
18	Exploration profiles drive activity patterns and temporal niche specialization in a wild rodent. <i>Behavioral Ecology</i> , 2020, 31, 772-783.	2.2	21

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19	Development and characterization of 14 microsatellites for the eastern chipmunk, <i>Tamias striatus</i> . <i>Molecular Biology Reports</i> , 2020, 47, 6393-6397.	2.3	4
20	Individual and environmental determinants of <i>Cuterebra</i> bot fly parasitism in the eastern chipmunk (<i>Tamias striatus</i>). <i>Oecologia</i> , 2020, 193, 359-370.	2.0	8
21	Mapping the dynamics of research networks in ecology and evolution using co-citation analysis (1975–2014). <i>Scientometrics</i> , 2020, 122, 1361-1385.	3.0	10
22	Collision between biological process and statistical analysis revealed by mean centring. <i>Journal of Animal Ecology</i> , 2020, 89, 2813-2824.	2.8	27
23	Evolution of Adaptive Individual Differences in Non-human Animals. , 2020, , 279-299.		1
24	Similarity in nest defense intensity in Canada goose pairs. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	5
25	Among-population divergence in personality is linked to altitude in plateau pikas (<i>Ochotona</i>). <i>Trends in Ecology and Evolution</i> , 2019, 30, 107-114.	1.0	10
26	Can Isogroup Selection of Highly Zoophagous Lines of a Zoophytophagous Bug Improve Biocontrol of Spider Mites in Apple Orchards?. <i>Insects</i> , 2019, 10, 303.	2.2	10
27	Plasticity, state-dependency, and individual consistency in Canada goose nest defense behavior. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	12
28	Developmental and genetic effects on behavioral and life history traits in a field cricket. <i>Ecology and Evolution</i> , 2019, 9, 3434-3445.	1.9	8
29	Spatio-temporal variation in oxidative status regulation in a small mammal. <i>PeerJ</i> , 2019, 7, e7801.	2.0	0
30	Signaler and receiver boldness influence response to alarm calls in eastern chipmunks. <i>Behavioral Ecology</i> , 2018, 29, 212-220.	2.2	18
31	Into the wild "WAMBAM" goes to Canada. <i>Molecular Ecology</i> , 2018, 27, 1098-1102.	3.9	1
32	Pace-of-life syndromes: a framework for the adaptive integration of behaviour, physiology and life history. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	191
33	Plasticity in laying dates of Canada Geese in response to spring phenology. <i>Ibis</i> , 2018, 160, 597-607.	1.9	11
34	Independence between coping style and stress reactivity in plateau pika. <i>Physiology and Behavior</i> , 2018, 197, 1-8.	2.1	38
35	Gene flow does not prevent personality and morphological differentiation between two blue tit populations. <i>Journal of Evolutionary Biology</i> , 2018, 31, 1127-1137.	1.7	10
36	The pace-of-life syndrome revisited: the role of ecological conditions and natural history on the slow-fast continuum. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	113

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37	Personalities influence spatial responses to environmental fluctuations in wild fish. <i>Journal of Animal Ecology</i> , 2018, 87, 1309-1319.	2.8	61
38	Individual level consistency and correlations of fish spatial behaviour assessed from aquatic animal telemetry. <i>Animal Behaviour</i> , 2017, 124, 83-94.	1.9	48
39	Determinants, selection and heritability of docility in wild eastern chipmunks (<i>Tamias striatus</i>). <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	20
40	Adaptation costs to constant and alternating polluted environments. <i>Evolutionary Applications</i> , 2017, 10, 839-851.	3.1	18
41	Eco-evolutionary dynamics in a contemporary human population. <i>Nature Communications</i> , 2017, 8, 15947.	12.8	9
42	Individual variation in energy-saving heterothermy affects survival and reproductive success. <i>Functional Ecology</i> , 2017, 31, 866-875.	3.6	37
43	Statistical Quantification of Individual Differences (SQulD): an educational and statistical tool for understanding multilevel phenotypic data in linear mixed models. <i>Methods in Ecology and Evolution</i> , 2017, 8, 257-267.	5.2	45
44	Isogroup Selection to Optimize Biocontrol Increases Cannibalism in Omnivorous (Zoophytophagous) Bugs. <i>Insects</i> , 2017, 8, 74.	2.2	8
45	Assessing anti-predator decisions of foraging eastern chipmunks under varying perceived risks: the effects of physical and social environments on vigilance. <i>Behaviour</i> , 2017, 154, 131-148.	0.8	11
46	Coexistence of zoophytophagous and phytozoophagous strategies linked to genotypic diet specialization in plant bug. <i>PLoS ONE</i> , 2017, 12, e0176369.	2.5	13
47	Environmental heterogeneity and population differences in blue tits personality traits. <i>Behavioral Ecology</i> , 2016, 28, arw148.	2.2	29
48	Evidence of genetic basis of zoophagy and nymphal developmental time in isogroup lines of the zoophytophagous mullein bug, <i>Campylomma verbasci</i> . <i>BioControl</i> , 2016, 61, 425-435.	2.0	15
49	Disentangling the relative roles of resource acquisition and allocation on animal feed efficiency: insights from a dairy cow model. <i>Genetics Selection Evolution</i> , 2016, 48, 72.	3.0	24
50	Solutions for Archiving Data in Long-Term Studies: A Reply to Whitlock et al.. <i>Trends in Ecology and Evolution</i> , 2016, 31, 85-87.	8.7	10
51	Female mountain goats, <i>Oreamnos americanus</i> , associate according to kinship and reproductive status. <i>Animal Behaviour</i> , 2015, 108, 101-107.	1.9	15
52	Helpers influence on territory use and maintenance in Alpine marmot groups. <i>Behaviour</i> , 2015, 152, 1391-1412.	0.8	6
53	Energy expenditure and personality in wild chipmunks. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 653-661.	1.4	46
54	Spying on small wildlife sounds using affordable collar-mounted miniature microphones: an innovative method to record individual daylong vocalisations in chipmunks. <i>Scientific Reports</i> , 2015, 5, 10118.	3.3	22

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55	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	8.7	98
56	Pollution Breaks Down the Genetic Architecture of Life History Traits in <i>Caenorhabditis elegans</i> . <i>PLoS ONE</i> , 2015, 10, e0116214.	2.5	10
57	Rapid evolutionary responses of life history traits to different experimentally-induced pollutions in <i>Caenorhabditis elegans</i> . <i>BMC Evolutionary Biology</i> , 2014, 14, 252.	3.2	20
58	Early growth trajectories affect sexual responsiveness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20132899.	2.6	4
59	Pulsed resources and the coupling between life history strategies and exploration patterns in eastern chipmunks (<i>Tamias striatus</i>). <i>Journal of Animal Ecology</i> , 2014, 83, 720-728.	2.8	45
60	Solar Irradiance, Survival and Longevity in a Pre-industrial Human Population. <i>Human Ecology</i> , 2014, 42, 645-650.	1.4	3
61	Context-dependent correlation between resting metabolic rate and daily energy expenditure in wild chipmunks. <i>Journal of Experimental Biology</i> , 2013, 216, 418-26.	1.7	35
62	Rapid phenotypic changes in <i>Caenorhabditis elegans</i> under uranium exposure. <i>Ecotoxicology</i> , 2013, 22, 862-868.	2.4	20
63	Correcting for the impact of gregariousness in social network analyses. <i>Animal Behaviour</i> , 2013, 85, 553-558.	1.9	64
64	The energetic and survival costs of growth in free-ranging chipmunks. <i>Oecologia</i> , 2013, 171, 11-23.	2.0	42
65	Testing for the presence of coping styles in a wild mammal. <i>Animal Behaviour</i> , 2013, 85, 1385-1396.	1.9	89
66	Social niche specialization under constraints: personality, social interactions and environmental heterogeneity. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120343.	4.0	141
67	Noninvasive Monitoring of Fecal Cortisol Metabolites in the Eastern Chipmunk (<i>Tamias</i>). <i>Zoology</i> , 2012, 85, 183-193.	1.5	25
68	Frequency-dependent payoffs and sequential decision-making favour consistent tactic use. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 1977-1985.	2.6	20
69	Interplay between plasma oxidative status, cortisol and coping styles in wild alpine marmots, <i>Marmota marmota</i> . <i>Journal of Experimental Biology</i> , 2012, 215, 374-383.	1.7	61
70	Environmental conditions affect spatial genetic structures and dispersal patterns in a solitary rodent. <i>Molecular Ecology</i> , 2012, 21, 5363-5373.	3.9	27
71	Flight Initiation Distance and Starting Distance: Biological Effect or Mathematical Artefact?. <i>Ethology</i> , 2012, 118, 1051-1062.	1.1	64
72	Personality differences are related to long-term stress reactivity in a population of wild eastern chipmunks, <i>Tamias striatus</i> . <i>Animal Behaviour</i> , 2012, 84, 1071-1079.	1.9	97

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73	Bateman gradients in a promiscuous mating system. <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1125-1130.	1.4	17
74	Stress-induced rise in body temperature is repeatable in free-ranging Eastern chipmunks (<i>Tamias</i>). <i>Ecology</i> , 2012, 182, 403-414.	1.5	24
75	Estimation and comparison of heritability and parent-offspring resemblance in dispersal probability from capture-recapture data using different methods: the Collared Flycatcher as a case study. <i>Journal of Ornithology</i> , 2012, 152, 539-554.	1.1	17
76	Anticipation and tracking of pulsed resources drive population dynamics in eastern chipmunks. <i>Ecology</i> , 2011, 92, 2027-2034.	3.2	79
77	Measuring individual differences in reaction norms in field and experimental studies: a power analysis of random regression models. <i>Methods in Ecology and Evolution</i> , 2011, 2, 362-374.	5.2	289
78	Disentangling the roles of frequency-vs. state-dependence in generating individual differences in behavioural plasticity. <i>Ecology Letters</i> , 2011, 14, 1254-1262.	6.4	73
79	Individual quality: tautology or biological reality?. <i>Journal of Animal Ecology</i> , 2011, 80, 361-364.	2.8	69
80	The energetic and oxidative costs of reproduction in a free-ranging rodent. <i>Functional Ecology</i> , 2011, 25, 1063-1071.	3.6	88
81	Evidence for evolution in response to natural selection in a contemporary human population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 17040-17045.	7.1	116
82	Personality and individual social specialisation. , 2010, , 417-441.		47
83	Individual variation in temporal activity patterns in open-field tests. <i>Animal Behaviour</i> , 2010, 80, 905-912.	1.9	89
84	An ecologist's guide to the animal model. <i>Journal of Animal Ecology</i> , 2010, 79, 13-26.	2.8	849
85	Personality, space use and tick load in an introduced population of Siberian chipmunks (<i>Tamias sibiricus</i>). <i>Journal of Animal Ecology</i> , 2010, 79, 538-547.	2.8	216
86	Personality and the emergence of the pace-of-life syndrome concept at the population level. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 4051-4063.	4.0	1,081
87	Evolutionary and ecological approaches to the study of personality. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 3937-3946.	4.0	442
88	Behavioural reaction norms: animal personality meets individual plasticity. <i>Trends in Ecology and Evolution</i> , 2010, 25, 81-89.	8.7	1,223
89	The Pace of Life under Artificial Selection: Personality, Energy Expenditure, and Longevity Are Correlated in Domestic Dogs. <i>American Naturalist</i> , 2010, 175, 753-758.	2.1	183
90	Indirect genetic effects and the evolution of aggression in a vertebrate system. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 533-541.	2.6	133

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91	Male personality, life-history strategies and reproductive success in a promiscuous mammal. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1599-1607.	1.7	191
92	Value of captive populations for quantitative genetics research. <i>Trends in Ecology and Evolution</i> , 2009, 24, 263-270.	8.7	52
93	Individual experience and evolutionary history of predation affect expression of heritable variation in fish personality and morphology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2009, 276, 1285-1293.	2.6	225
94	Energy metabolism and animal personality. <i>Oikos</i> , 2008, 117, 641-653.	2.7	689
95	Personality, habitat use, and their consequences for survival in North American red squirrels <i>Tamiasciurus hudsonicus</i> . <i>Oikos</i> , 2008, 117, 1321-1328.	2.7	210
96	Temperament, risk assessment and habituation to novelty in eastern chipmunks, <i>Tamias striatus</i> . <i>Animal Behaviour</i> , 2008, 75, 309-318.	1.9	298
97	Local effects of inbreeding on embryo number and consequences for genetic diversity in Kerguelen mouflon. <i>Biology Letters</i> , 2008, 4, 504-507.	2.3	10
98	Unexpected heterozygosity in an island mouflon population founded by a single pair of individuals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 527-533.	2.6	67
99	The interaction between personality, offspring fitness and food abundance in North American red squirrels. <i>Ecology Letters</i> , 2007, 10, 1094-1104.	6.4	231
100	The effects of cyclic dynamics and mating system on the effective size of an island mouflon population. <i>Molecular Ecology</i> , 2007, 16, 4482-4492.	3.9	8
101	Integrating animal temperament within ecology and evolution. <i>Biological Reviews</i> , 2007, 82, 291-318.	10.4	2,671
102	SELECTION ON HERITABLE SEASONAL PHENOTYPIC PLASTICITY OF BODY MASS. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 1969-1979.	2.3	84
103	Ontogeny of Additive and Maternal Genetic Effects: Lessons from Domestic Mammals. <i>American Naturalist</i> , 2006, 167, E23-E38.	2.1	134
104	Wildlife conservation and animal temperament: causes and consequences of evolutionary change for captive, reintroduced, and wild populations. <i>Animal Conservation</i> , 2006, 9, 39-48.	2.9	255
105	How do misassigned paternities affect the estimation of heritability in the wild?. <i>Molecular Ecology</i> , 2005, 14, 2839-2850.	3.9	148
106	Natural selection and animal personality. <i>Behaviour</i> , 2005, 142, 1159-1184.	0.8	704
107	Keeping Pace with Fast Climate Change: Can Arctic Life Count on Evolution?. <i>Integrative and Comparative Biology</i> , 2004, 44, 140-151.	2.0	207
108	THE QUANTITATIVE GENETICS OF FLUCTUATING ASYMMETRY: A COMPARISON OF TWO MODELS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 47-58.	2.3	16

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109	Predator-induced natural selection on temperament in bighorn ewes. <i>Animal Behaviour</i> , 2003, 65, 463-470.	1.9	310
110	LIFETIME SELECTION ON HERITABLE LIFE-HISTORY TRAITS IN A NATURAL POPULATION OF RED SQUIRRELS. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 2416-2423.	2.3	93
111	Genetic and plastic responses of a northern mammal to climate change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 591-596.	2.6	383
112	INBREEDING, DEVELOPMENTAL STABILITY, AND CANALIZATION IN THE SAND CRICKET <i>GRYLLUS FIRMIUS</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 597.	2.3	8
113	Selection, structure and the heritability of behaviour. <i>Journal of Evolutionary Biology</i> , 2002, 15, 277-289.	1.7	231
114	MATERNAL EFFECTS AND THE POTENTIAL FOR EVOLUTION IN A NATURAL POPULATION OF ANIMALS. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 846-851.	2.3	121
115	Quantitative genetics of oviposition behaviour and interactions among oviposition traits in the sand cricket. <i>Animal Behaviour</i> , 2002, 64, 397-406.	1.9	23
116	Comparative Rumen and Fecal Diet Microhistological Determinations of European Mouflon. <i>Journal of Range Management</i> , 2001, 54, 239.	0.3	23
117	ESTIMATING GENETIC CORRELATIONS IN NATURAL POPULATIONS IN THE ABSENCE OF PEDIGREE INFORMATION: ACCURACY AND PRECISION OF THE LYNCH METHOD. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 1249.	2.3	2
118	Quantitative genetics of life-history traits in a long-lived wild mammal. <i>Heredity</i> , 2000, 85, 593-603.	2.6	42
119	Consistency of temperament in bighorn ewes and correlates with behaviour and life history. <i>Animal Behaviour</i> , 2000, 60, 589-597.	1.9	389
120	BIANNUAL REPRODUCTIVE CYCLE IN THE KERGUELEN FERAL SHEEP POPULATION. <i>Journal of Mammalogy</i> , 2000, 81, 169-178.	1.3	3
121	Early development, adult mass, and reproductive success in bighorn sheep. <i>Behavioral Ecology</i> , 2000, 11, 633-639.	2.2	151
122	Heritability of body mass varies with age and season in wild bighorn sheep. <i>Heredity</i> , 1999, 83, 526-532.	2.6	126
123	Diurnal time budget of the mouflon (<i>Ovis musimon</i>) on the Kerguelen archipelago: influence of food resources, age, and sex. <i>Canadian Journal of Zoology</i> , 1997, 75, 1828-1834.	1.0	23
124	Female-biased mortality induced by male sexual harassment in a feral sheep population. <i>Canadian Journal of Zoology</i> , 1996, 74, 1812-1818.	1.0	119
125	While the quoll™s away, the mice will play and the seeds will pay. <i>Peer Community in Ecology</i> , 0, , .	0.0	0