

# David F Westneat

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

3,679  
citations

186265

28  
h-index

138484

58  
g-index

68  
all docs

68  
docs citations

68  
times ranked

3440  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extra-Pair Paternity in Birds: Causes, Correlates, and Conflict. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 365-396.	8.3	556
2	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
3	Density and extra-pair fertilizations in birds: a comparative analysis. <i>Behavioral Ecology and Sociobiology</i> , 1997, 41, 205-215.	1.4	406
4	The biology hidden inside residual within-individual phenotypic variation. <i>Biological Reviews</i> , 2015, 90, 729-743.	10.4	246
5	MEASURING THE EFFECTS OF PAIRING SUCCESS, EXTRA-PAIR COPULATIONS AND MATE QUALITY ON THE OPPORTUNITY FOR SEXUAL SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 1147-1157.	2.3	215
6	Individual Variation in Parental Care Reaction Norms: Integration of Personality and Plasticity. <i>American Naturalist</i> , 2011, 178, 652-667.	2.1	182
7	Archiving Primary Data: Solutions for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2015, 30, 581-589.	8.7	98
8	Causes and Consequences of Phenotypic Plasticity in Complex Environments. <i>Trends in Ecology and Evolution</i> , 2019, 34, 555-568.	8.7	73
9	Parental behavior exhibits among-individual variance, plasticity, and heterogeneous residual variance. <i>Behavioral Ecology</i> , 2013, 24, 598-604.	2.2	65
10	Patterns of courtship behavior and ejaculate characteristics in male red-winged blackbirds. <i>Behavioral Ecology and Sociobiology</i> , 1998, 43, 161-171.	1.4	52
11	Tests of spatial and temporal factors influencing extra-pair paternity in red-winged blackbirds. <i>Molecular Ecology</i> , 2005, 14, 2155-2167.	3.9	52
12	No Evidence of Current Sexual Selection on Sexually Dimorphic Traits in a Bird with High Variance in Mating Success. <i>American Naturalist</i> , 2006, 167, E171-E189.	2.1	52
13	Meta-analysis challenges a textbook example of status signalling and demonstrates publication bias. <i>ELife</i> , 2018, 7, .	6.0	48
14	Mate guarding, copulation strategies and paternity in the sex-role reversed, socially polyandrous red-necked phalarope <i>Phalaropus lobatus</i> . <i>Behavioral Ecology and Sociobiology</i> , 2004, 57, 110-118.	1.4	47
15	Individual and Sex Differences in Habituation and Neophobia in House Sparrows ( <i>Passer domesticus</i> ). <i>Journal of Animal Ecology</i> , 2014, 83, 111-119.	1.1	46
16	Extra-pair paternity in eastern bluebirds: effects of manipulated density and natural patterns of breeding synchrony. <i>Behavioral Ecology and Sociobiology</i> , 2010, 64, 463-473.	1.4	45
17	Statistical Quantification of Individual Differences (SQuID): 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
18	Complex interactions among temporal variables affect the plasticity of clutch size in a multi-brooded bird. <i>Ecology</i> , 2009, 90, 1162-1174.	3.2	42

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19	Badge Size and Extra-Pair Fertilizations in the House Sparrow. <i>Condor</i> , 2000, 102, 342-348.	1.6	40
20	Tests of association between the humoral immune response of red-winged blackbirds ( <i>Agelaius</i> ) and extra-pair paternity. <i>Sociobiology</i> , 2003, 53, 315-323.	1.4	39
21	Tests of Ecological, Phenotypic, and Genetic Correlates of Extra-Pair Paternity in the House Sparrow. <i>Condor</i> , 2006, 108, 399-413.	1.6	39
22	The Mating Strategies of Eastern Screech-Owls: A Genetic Analysis. <i>Condor</i> , 1997, 99, 213-217.	1.6	34
23	Disentangling the Correlated Evolution of Monogamy and Cooperation. <i>Trends in Ecology and Evolution</i> , 2016, 31, 503-513.	8.7	34
24	BADGE SIZE AND EXTRA-PAIR FERTILIZATIONS IN THE HOUSE SPARROW. <i>Condor</i> , 2000, 102, 342.	1.6	33
25	Mate Guarding and Extra-Pair Paternity in Northern Cardinals. <i>Condor</i> , 1994, 96, 1055-1063.	1.6	32
26	Patterns of Sex Ratio Variation in House Sparrows. <i>Condor</i> , 2002, 104, 598-609.	1.6	32
27	Sex of opponent influences response to a potential status signal in house sparrows. <i>Animal Behaviour</i> , 2003, 65, 1211-1221.	1.9	32
28	Geographical variation in sperm morphology in the red-winged blackbird ( <i>Agelaius phoeniceus</i> ). <i>Evolutionary Ecology</i> , 2011, 25, 373-390.	1.2	29
29	Correlates of cell-mediated immunity in nestling house sparrows. <i>Oecologia</i> , 2004, 141, 17-23.	2.0	28
30	Seasonal variation in ejaculate traits of male red-winged blackbirds ( <i>Agelaius phoeniceus</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2012, 66, 1607-1617.	1.4	28
31	Collision between biological process and statistical analysis revealed by mean centring. <i>Journal of Animal Ecology</i> , 2020, 89, 2813-2824.	2.8	27
32	Energetic trade-offs and feedbacks between behavior and metabolism influence correlations between pace-of-life attributes. <i>Behavioral Ecology and Sociobiology</i> , 2018, 72, 1.	1.4	26
33	PATTERNS OF SEX RATIO VARIATION IN HOUSE SPARROWS. <i>Condor</i> , 2002, 104, 598.	1.6	25
34	Does habitat structural complexity influence the frequency of extra-pair paternity in birds?. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	25
35	Longer telomeres during early life predict higher lifetime reproductive success in females but not males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210560.	2.6	25
36	Multiple aspects of plasticity in clutch size vary among populations of a globally distributed songbird. <i>Journal of Animal Ecology</i> , 2014, 83, 876-887.	2.8	23

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37	EVOLUTION IN RESPONSE TO SOCIAL SELECTION: THE IMPORTANCE OF INTERACTIVE EFFECTS OF TRAITS ON FITNESS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 890-895.	2.3	22
38	Pathways to social evolution and their evolutionary feedbacks. <i>Evolution; International Journal of Organic Evolution</i> , 2020, 74, 1894-1907.	2.3	22
39	BACTERIA IN THE REPRODUCTIVE TRACTS OF RED-WINGED BLACKBIRDS. <i>Condor</i> , 2003, 105, 453.	1.6	20
40	Provisioning tactics of great tits ( <i>Parus major</i> ) in response to long-term brood size manipulations differ across years. <i>Behavioral Ecology</i> , 2017, 28, 1402-1413.	2.2	20
41	Most published selection gradients are underestimated: Why this is and how to fix it. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 806-818.	2.3	19
42	THE LINKS BETWEEN PLUMAGE VARIATION AND NEST SITE OCCUPANCY IN MALE HOUSE SPARROWS. <i>Condor</i> , 2008, 110, 345-353.	1.6	18
43	Positive association between social and extra-pair mating in a polygynous songbird, the dickcissel ( <i>Spiza americana</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2013, 67, 243-255.	1.4	16
44	Familiarity between mates improves few aspects of reproductive performance in house sparrows. <i>Behaviour</i> , 2008, 145, 365-376.	0.8	15
45	Genetic sources of individual variation in parental care behavior. <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 1933-1943.	1.4	15
46	The impact of extra-pair mating behavior on hybridization and genetic introgression. <i>Theoretical Ecology</i> , 2012, 5, 219-229.	1.0	14
47	Parental Care Syndromes in House Sparrows: Positive Covariance Between Provisioning and Defense Linked to Parent Identity. <i>Ethology</i> , 2014, 120, 249-257.	1.1	14
48	Phenotypic and Genetic Variance of House Sparrows ( <i>Passer domesticus</i> ) Early in Development. <i>Auk</i> , 2009, 126, 884-895.	1.4	13
49	The integration of function and ontogeny in the evolution of status signals. <i>Behaviour</i> , 2013, 150, 1015-1044.	0.8	12
50	Sexual conflict as a partitioning of selection. <i>Biology Letters</i> , 2009, 5, 675-677.	2.3	11
51	Sex ratio varies with egg investment in the red-necked phalarope ( <i>Phalaropus lobatus</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2014, 68, 1939-1949.	1.4	11
52	Variance in mating success does not produce strong sexual selection in a polygynous songbird. <i>Behavioral Ecology</i> , 2013, 24, 1381-1389.	2.2	10
53	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
54	Dietary Calcium Negatively Affects the Size of a Status Signal in Juvenile Male House Sparrows ( <i>Passer</i> )	1.4	10

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55	Patterns of hatching failure in the house sparrow <i>Passer domesticus</i> . <i>Journal of Avian Biology</i> , 2013, 44, 069-079.	1.2	9
56	Within-brood patterns of paternity and paternal behavior in red-winged blackbirds. <i>Behavioral Ecology and Sociobiology</i> , 1995, 37, 349-356.	1.4	9
57	A RETROSPECTIVE AND PROSPECTIVE LOOK AT THE ROLE OF GENETICS IN MATING SYSTEMS: TOWARD A BALANCED VIEW OF THE SEXES. , 2000, , .		8
58	Dietary Calcium, But Not a Glutathione Inhibitor, Affects Bib Size in Juvenile Male House Sparrows. <i>Condor</i> , 2013, 115, 921-930.	1.6	7
59	Surprising flexibility in parental care revealed by experimental changes in offspring demand. <i>Animal Behaviour</i> , 2016, 122, 207-215.	1.9	7
60	Experimental manipulation of brood size affects several levels of phenotypic variance in offspring and parent pied flycatchers. <i>Behavioral Ecology and Sociobiology</i> , 2017, 71, 1.	1.4	7
61	A reaction norm framework for the evolution of learning: how cumulative experience shapes phenotypic plasticity. <i>Biological Reviews</i> , 2022, 97, 1999-2021.	10.4	7
62	Variable parental responses to changes in offspring demand have implications for life history theory. <i>Behavioral Ecology and Sociobiology</i> , 2019, 73, 1.	1.4	3
63	Extrapair Paternity Increases Variability in Male Reproductive Success in the Chestnut-Sided Warbler ( <i>Dendroica Pensylvanica</i> ), A Socially Monogamous Songbird. <i>Auk</i> , 2004, 121, 788-795.	1.4	1
64	Developmental sequences, social feedbacks, and tasks: a comment on Loftus et al.. <i>Behavioral Ecology</i> , 2021, 32, 20-21.	2.2	0