

Allen J Moore

List of Publications by Year in descending order

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126
papers

7,849
citations

53794

45
h-index

54911

84
g-index

142
all docs

142
docs citations

142
times ranked

4798
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolutionary consequences of indirect genetic effects. <i>Trends in Ecology and Evolution</i> , 1998, 13, 64-69.	8.7	742
2	Visualizing and quantifying natural selection. <i>Trends in Ecology and Evolution</i> , 1995, 10, 313-318.	8.7	615
3	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS: I. DIRECT AND INDIRECT GENETIC EFFECTS OF SOCIAL INTERACTIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1352-1362.	2.3	577
4	Interacting Phenotypes and the Evolutionary Process. II. Selection Resulting from Social Interactions. <i>American Naturalist</i> , 1999, 153, 254-266.	2.1	339
5	Male-male competition, female mate choice and their interaction: determining total sexual selection. <i>Journal of Evolutionary Biology</i> , 2009, 22, 13-26.	1.7	333
6	Interacting Phenotypes and the Evolutionary Process: I. Direct and Indirect Genetic Effects of Social Interactions. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1352.	2.3	304
7	Evolution of DNA Methylation across Insects. <i>Molecular Biology and Evolution</i> , 2017, 34, msw264.	8.9	246
8	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS. III. SOCIAL EVOLUTION. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 2558-2574.	2.3	239
9	Balancing sexual selection through opposing mate choice and male competition. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 711-716.	2.6	185
10	How do caring parents respond to mate loss? Differential response by males and females. <i>Animal Behaviour</i> , 2005, 69, 551-559.	1.9	169
11	Partial begging: an empirical model for the early evolution of offspring signalling. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 1773-1777.	2.6	167
12	Selection, Inheritance, and the Evolution of Parent-Offspring Interactions. <i>American Naturalist</i> , 2004, 164, 13-24.	2.1	138
13	Sexual conflict and the evolution of female mate choice and male social dominance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 517-523.	2.6	134
14	The Coadaptation of Parental Supply and Offspring Demand. <i>American Naturalist</i> , 2005, 166, 506-516.	2.1	122
15	Does resource availability affect offspring begging and parental provisioning in a partially begging species?. <i>Animal Behaviour</i> , 2002, 63, 577-585.	1.9	117
16	Genetic Tools for Studying Adaptation and the Evolution of Behavior. <i>American Naturalist</i> , 2002, 160, S143-S159.	2.1	113
17	The inheritance of social dominance, mating behaviour and attractiveness to mates in male <i>Nauphoeta cinerea</i> . <i>Animal Behaviour</i> , 1990, 39, 388-397.	1.9	96
18	Odour conveys status on cockroaches. <i>Nature</i> , 1997, 389, 25-25.	27.8	93

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19	The Evolution of Interacting Phenotypes: Genetics and Evolution of Social Dominance. <i>American Naturalist</i> , 2002, 160, S186-S197.	2.1	92
20	Indirect genetic effects in behavioral ecology: does behavior play a special role in evolution?. <i>Behavioral Ecology</i> , 2018, 29, 1-11.	2.2	88
21	The Genome and Methylome of a Beetle with Complex Social Behavior, <i>Nicrophorus vespilloides</i> (Coleoptera: Silphidae). <i>Genome Biology and Evolution</i> , 2015, 7, 3383-3396.	2.5	87
22	Time constraints and trade-offs among parental care behaviours: effects of brood size, sex and loss of mate. <i>Animal Behaviour</i> , 2004, 68, 695-702.	1.9	86
23	The quantitative genetics of sex differences in parenting. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18430-18435.	7.1	83
24	INTERACTION BETWEEN PARENTAL CARE AND SIBLING COMPETITION: PARENTS ENHANCE OFFSPRING GROWTH AND EXACERBATE SIBLING COMPETITION. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2331-2339.	2.3	81
25	Transcriptomes of parents identify parenting strategies and sexual conflict in a subsocial beetle. <i>Nature Communications</i> , 2015, 6, 8449.	12.8	78
26	CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1773-1780.	2.3	77
27	RUNAWAY SEXUAL SELECTION WITHOUT GENETIC CORRELATIONS: SOCIAL ENVIRONMENTS AND FLEXIBLE MATE CHOICE INITIATE AND ENHANCE THE FISHER PROCESS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2674-2684.	2.3	73
28	QUANTITATIVE GENETICS OF GROWTH AND DEVELOPMENT TIME IN THE BURYING BEETLE NICROPHORUS PUSTULATUS IN THE PRESENCE AND ABSENCE OF POST-HATCHING PARENTAL CARE. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 96-110.	2.3	69
29	Quantitative Genetic Models of Sexual Conflict Based on Interacting Phenotypes. <i>American Naturalist</i> , 2005, 165, S88-S97.	2.1	69
30	Vitellogenin and vitellogenin receptor gene expression is associated with male and female parenting in a subsocial insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20150787.	2.6	66
31	Coadaptation of Prenatal and Postnatal Maternal Effects. <i>American Naturalist</i> , 2007, 170, 709-718.	2.1	64
32	Dnmt1 is essential for egg production and embryo viability in the large milkweed bug, <i>Oncopeltus fasciatus</i> . <i>Epigenetics and Chromatin</i> , 2019, 12, 6.	3.9	62
33	Signalling of hunger when offspring forage by both begging and self-feeding. <i>Animal Behaviour</i> , 2004, 67, 1083-1088.	1.9	60
34	Conditional signalling strategies: effects of ontogeny, social experience and social status on the pheromonal signal of male cockroaches. <i>Animal Behaviour</i> , 1995, 50, 191-202.	1.9	59
35	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 232-245.	2.3	59
36	The influence of environmental quality on sexual selection in <i>Nauphoeta cinerea</i> (Dictyoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	2.2	57

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37	A potential resolution to the lek paradox through indirect genetic effects. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1279-1286.	2.6	57
38	FEMALE STRATEGY DURING MATE CHOICE: THRESHOLD ASSESSMENT. <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 387-391.	2.3	56
39	Evolutionary quantitative genetics of sperm. , 2009, , 405-434.		55
40	Fitness of alternative modes of reproduction: developmental constraints and the evolutionary maintenance of sex. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1999, 266, 471-476.	2.6	53
41	Effects of resource variation during early life and adult social environment on contest outcomes in burying beetles: a context-dependent silver spoon strategy?. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20133102.	2.6	53
42	PATERNAL CARE: DIRECT AND INDIRECT GENETIC EFFECTS OF FATHERS ON OFFSPRING PERFORMANCE. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3570-3581.	2.3	51
43	Female preferences, male social status, and sexual selection in <i>Nauphoeta cinerea</i> . <i>Animal Behaviour</i> , 1988, 36, 303-305.	1.9	50
44	THE EVOLUTION OF REPEATED MATING IN THE BURYING BEETLE, <i>NICROPHORUS VESPILLOIDES</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 2004-2014.	2.3	50
45	PARENTS INFLUENCE ASYMMETRIC SIBLING COMPETITION: EXPERIMENTAL EVIDENCE WITH PARTIALLY DEPENDENT YOUNG. <i>Ecology</i> , 2007, 88, 3174-3182.	3.2	47
46	Co-evolution, conflict and complexity: what have we learned about the evolution of parental care behaviours?. <i>Current Opinion in Behavioral Sciences</i> , 2016, 12, 30-36.	3.9	46
47	Correlated evolution in parental care in females but not males in response to selection on paternity assurance behaviour. <i>Ecology Letters</i> , 2014, 17, 803-810.	6.4	45
48	THE EVOLUTION OF SOCIAL SIGNALS: MORPHOLOGICAL, FUNCTIONAL, AND GENETIC INTEGRATION OF THE SEX PHEROMONE IN <i>NAUPHOETA CINEREA</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 1920-1928.	2.3	44
49	Mate assessment in a cockroach, <i>Nauphoeta cinerea</i> . <i>Animal Behaviour</i> , 1986, 34, 1160-1165.	1.9	38
50	The genetics of phenotypic plasticity in a colonizing population of the ladybird beetle, <i>Hormonia axyridis</i> . <i>Heredity</i> , 1997, 78, 261-269.	2.6	38
51	Male age mediates reproductive investment and response to paternity assurance. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131124.	2.6	38
52	Ethological principles predict the neuropeptides co-opted to influence parenting. <i>Nature Communications</i> , 2017, 8, 14225.	12.8	38
53	Sexual selection in <i>Nauphoeta cinerea</i> : Inherited mating preference?. <i>Behavior Genetics</i> , 1989, 19, 717-724.	2.1	37
54	Quantitative genetic versions of Hamilton's rule with empirical applications. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130358.	4.0	37

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55	Nutrition during sexual maturation affects competitive ability but not reproductive productivity in burying beetles. <i>Functional Ecology</i> , 2013, 27, 1350-1357.	3.6	36
56	The influence of social experience on the behavior of male cockroaches, <i>Nauphoeta cinerea</i> . <i>Journal of Insect Behavior</i> , 1988, 1, 157-168.	0.7	34
57	Developmental constraints on the mode of reproduction in the facultatively parthenogenetic cockroach <i>Nauphoeta cinerea</i> . <i>Evolution & Development</i> , 1999, 1, 90-99.	2.0	33
58	The Behavioral Ecology of <i>Libellula luctuosa</i> (Burmeister) (Odonata: Libellulidae). <i>Ethology</i> , 1989, 80, 120-136.	1.1	33
59	The role of neuropeptide F in a transition to parental care. <i>Biology Letters</i> , 2016, 12, 20160158.	2.3	32
60	Female Strategy During Mate Choice: Threshold Assessment. <i>Evolution; International Journal of Organic Evolution</i> , 1988, 42, 387.	2.3	30
61	The quantitative genetics of social behaviour. , 0, , 29-54.		30
62	Sperm competition, alternative mating tactics and context-dependent fertilization success in the burying beetle, <i>Nicrophorus vespilloides</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007, 274, 1309-1315.	2.6	28
63	SEXUAL SELECTION AND INTERACTING PHENOTYPES IN EXPERIMENTAL EVOLUTION: A STUDY OF <i>DROSOPHILA PSEUDOOBSCURA</i> MATING BEHAVIOR. <i>Evolution; International Journal of Organic Evolution</i> , 2008, 62, 1804-1812.	2.3	27
64	Relating quantitative variation within a behavior to variation in transcription. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 1999-2009.	2.3	27
65	THE QUANTITATIVE GENETICS AND COEVOLUTION OF MALE AND FEMALE REPRODUCTIVE TRAITS. <i>Evolution; International Journal of Organic Evolution</i> , 2010, 64, 1926-34.	2.3	24
66	Evolutionary Consequences of Social Isolation. <i>Trends in Ecology and Evolution</i> , 2018, 33, 595-607.	8.7	24
67	The Behavioral Ecology of <i>Libellula luctuosa</i> (Burmeister) (Anisoptera: Libellulidae): I. Temporal Changes in the Population Density and the Effects on Male Territorial Behavior. <i>Ethology</i> , 1987, 75, 246-254.	1.1	23
68	Biparental care is predominant and beneficial to parents in the burying beetle <i>Nicrophorus orbicollis</i> (Coleoptera: Silphidae). <i>Biological Journal of the Linnean Society</i> , 2016, 119, 1082-1088.	1.6	23
69	Genetic aspects of communication during male-male competition in the Madagascar hissing cockroach: honest signalling of size. <i>Heredity</i> , 1995, 75, 198-205.	2.6	22
70	Can Dominance Hierarchies be Replicated? Form and Form Experiments using the Cockroach (<i>Nauphoeta cinerea</i>). <i>Ethology</i> , 1994, 97, 94-102.	1.1	22
71	Optimality and evolutionary genetics: complementary procedures for evolutionary analysis in behavioural ecology. <i>Trends in Ecology and Evolution</i> , 1994, 9, 69-72.	8.7	20
72	Niche variation and the maintenance of variation in body size in a burying beetle. <i>Ecological Entomology</i> , 2016, 41, 96-104.	2.2	20

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73	Parental Distribution of Resources in Relation to Larval Hunger and Size Rank in the Burying Beetle <i>Nicrophorus vespilloides</i> . <i>Ethology</i> , 2008, 114, 789-796.	1.1	19
74	The role of maternal effects in adaptation to different diets. <i>Biological Journal of the Linnean Society</i> , 2015, 114, 202-211.	1.6	17
75	A Balanced Data Archiving Policy for Long-Term Studies. <i>Trends in Ecology and Evolution</i> , 2016, 31, 84-85.	8.7	17
76	Whitefly Endosymbionts: Biology, Evolution, and Plant Virus Interactions. <i>Insects</i> , 2020, 11, 775.	2.2	17
77	Difference in parenting in two species of burying beetle, <i>Nicrophorus orbicollis</i> and <i>Nicrophorus vespilloides</i> . <i>Journal of Ethology</i> , 2016, 34, 315-319.	0.8	15
78	Social Communication in the Madagascar Hissing Cockroach: Features of Male Courtship Hisses and a Comparison of Courtship and Agonistic Hisses. <i>Behaviour</i> , 1995, 132, 401-417.	0.8	14
79	Title is missing!. <i>Journal of Insect Behavior</i> , 2002, 15, 69-84.	0.7	14
80	Diet, development and the optimization of warning signals in postmetamorphic green and black poison frogs. <i>Functional Ecology</i> , 2013, 27, 816-829.	3.6	14
81	Chemical egg defence in the large milkweed bug, <i>Coreoperla fasciatus</i> , derives from maternal but not paternal diet. <i>Entomologia Experimentalis Et Applicata</i> , 2013, 149, 197-205.	1.4	14
82	Towards an evolutionary view of social dominance. <i>Animal Behaviour</i> , 1993, 46, 594-596.	1.9	13
83	Developmental flexibility and the effect of social environment on fertility and fecundity in parthenogenetic reproduction. <i>Evolution & Development</i> , 2003, 5, 163-168.	2.0	13
84	Female agreement over male attractiveness is not affected by cost of mating with experienced males. <i>Behavioral Ecology</i> , 2008, 19, 854-859.	2.2	13
85	Duplication and Sub/Neofunctionalization of <i>Malvolio</i> , an Insect Homolog of <i>Nramp</i> , in the Subsocial Beetle <i>Nicrophorus vespilloides</i> . <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 3393-3403.	1.8	13
86	Sexual Selection and the Genetics of Pheromonally Mediated Social Behavior in <i>Nauphoeta cinerea</i> (Dictyoptera: Blaberidae). <i>Entomologia Generalis</i> , 1990, 15, 133-147.	3.1	13
87	Interacting phenotypes and the coevolutionary process: Interspecific indirect genetic effects alter coevolutionary dynamics. <i>Evolution; International Journal of Organic Evolution</i> , 2022, 76, 429-444.	2.3	13
88	Negotiation between parents: does the timing of mate loss affect female compensation in <i>Nicrophorus vespilloides</i> ?. <i>Behaviour</i> , 2006, 143, 293-301.	0.8	12
89	Changes of gene expression but not cytosine methylation are associated with male parental care reflecting behavioural state, social context, and individual flexibility. <i>Journal of Experimental Biology</i> , 2019, 222, .	1.7	12
90	Debugging: Strategies and Considerations for Efficient RNAi-Mediated Control of the Whitefly <i>Bemisia tabaci</i> . <i>Insects</i> , 2020, 11, 723.	2.2	12

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91	More Than DNA Methylation: Does Pleiotropy Drive the Complex Pattern of Evolution of Dnmt1?. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	12
92	Predictable gene expression related to behavioral variation in parenting. <i>Behavioral Ecology</i> , 2019, 30, 402-407.	2.2	11
93	Constrained flexibility of parental cooperation limits adaptive responses to harsh conditions. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1835-1849.	2.3	11
94	Cobreeding in the Burying Beetle, <i>Nicrophorus vespilloides</i> : Tolerance Rather Than Cooperation. <i>Ethology</i> , 2013, 119, 1138-1148.	1.1	10
95	Behavioral plasticity and G Å— E of reproductive tactics in <i>Nicrophorus vespilloides</i> burying beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 969-978.	2.3	10
96	Expression of octopaminergic receptor genes in 4 nonneural tissues in female <i>Nicrophorus vespilloides</i> beetles. <i>Insect Science</i> , 2015, 22, 495-502.	3.0	10
97	Selection on an antagonistic behavioral trait can drive rapid genital coevolution in the burying beetle, <i>Nicrophorus vespilloides</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 1180-1188.	2.3	10
98	Evolution of Personal and Social Immunity in the Context of Parental Care. <i>American Naturalist</i> , 2019, 193, 296-308.	2.1	10
99	A Synthesis of Game Theory and Quantitative Genetic Models of Social Evolution. <i>Journal of Heredity</i> , 2022, 113, 109-119.	2.4	10
100	Genetics, inheritance and social behaviour. <i>Animal Behaviour</i> , 1991, 42, 497-498.	1.9	9
101	A potential function for oocyte apoptosis in unmated <i>Nauphoeta cinerea</i> . <i>Physiological Entomology</i> , 2009, 34, 272-277.	1.5	9
102	Maternal effects and maternal selection arising from variation in allocation of free amino acid to eggs. <i>Ecology and Evolution</i> , 2015, 5, 2397-2410.	1.9	8
103	The role of lipid metabolism during parental care in two species of burying beetle (<i>Nicrophorus</i> spp.). <i>Animal Behaviour</i> , 2017, 129, 143-149.	1.9	8
104	From phenotype to genotype: the precursor hypothesis predicts genetic influences that facilitate transitions in social behavior. <i>Current Opinion in Insect Science</i> , 2019, 34, 91-96.	4.4	8
105	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 232.	2.3	6
106	CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. <i>Evolution; International Journal of Organic Evolution</i> , 2004, 58, 1773.	2.3	6
107	Social environments, social tactics and their fitness consequences in complex mammalian societies. , 0, , 360-390.		6
108	Integrated and independent evolution of heteromorphic sperm types. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131647.	2.6	6

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109	Can invasions occur without change? A comparison of G matrices and selection in the peach potato aphid, <i>M. yzus persicae</i> . <i>Ecology and Evolution</i> , 2013, 3, 5109-5118.	1.9	6
110	Quantitative Genetic Modeling of the Parental Care Hypothesis for the Evolution of Endothermy. <i>Frontiers in Physiology</i> , 2017, 8, 1005.	2.8	6
111	Development and the effects of extended parenting in the cold-breeding burying beetle <i>Nicrophorus sayi</i> . <i>Ecological Entomology</i> , 2019, 44, 11-16.	2.2	6
112	All in the family. <i>Nature</i> , 2004, 429, 517-518.	27.8	5
113	Nature Notes: A new category for natural history studies. <i>Ecology and Evolution</i> , 2020, 10, 7952-7952.	1.9	5
114	Does sibling competition have a sex-specific effect on offspring growth and development in the burying beetle <i>Nicrophorus vespilloides</i> ? <i>Entomologia Experimentalis Et Applicata</i> , 2008, 126, 158-164.	1.4	4
115	The role of indirect genetic effects in the evolution of interacting reproductive behaviors in the burying beetle, <i>Nicrophorus vespilloides</i> . <i>Ecology and Evolution</i> , 2019, 9, 998-1009.	1.9	4
116	Runaway evolution from male-male competition. <i>Ecology Letters</i> , 2022, 25, 295-306.	6.4	4
117	Academic practice in ecology and evolution: Soliciting a new category of manuscript. <i>Ecology and Evolution</i> , 2017, 7, 5030-5031.	1.9	3
118	Survey of neurotransmitter receptor gene expression into and out of parental care in the burying beetle <i>Nicrophorus vespilloides</i> . <i>Ecology and Evolution</i> , 2021, 11, 14282-14292.	1.9	3
119	Prospects for research in social behaviour: systems biology meets behaviour. , 0, , 538-550.		2
120	Open debate and progress in ecology and evolution. <i>Ecology and Evolution</i> , 2011, 1, i-ii.	1.9	2
121	The influence of maternal effects on indirect benefits associated with polyandry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 1177-1182.	2.6	2
122	Variation in mandible development and its relationship to dependence on parents across burying beetles. <i>Ecology and Evolution</i> , 2018, 8, 12832-12840.	1.9	2
123	Unusual whitish eggs in the poison frog <i>Dendrobates auratus</i> Girard, 1855. <i>Tropical Zoology</i> , 2012, 25, 67-73.	0.6	1
124	Mating Systems and Strategies. <i>Ethology</i> , 2004, 110, 157-158.	1.1	0
125	Does the scent of a potential mate prevent the resorption of oocytes by apoptosis in <i>Nauphoeta cinerea</i> ? <i>Insect Science</i> , 2009, 16, 393-398.	3.0	0
126	If everything is special, is anything special? A response to comments on Bailey et al.. <i>Behavioral Ecology</i> , 2018, 29, 17-18.	2.2	0