Allen J Moore

List of Publications by Year
in descending order

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	A Synthesis of Game Theory and Quantitative Genetic Models of Social Evolution. Journal of Heredity, 2022, 113, 109-119.	2.4	10
2	Runaway evolution from maleâ€male competition. Ecology Letters, 2022, 25, 295-306.	6.4	4
3	Interacting phenotypes and the coevolutionary process: Interspecific indirect genetic effects alter coevolutionary dynamics. Evolution; International Journal of Organic Evolution, 2022, 76, 429-444.	2.3	13
4	Constrained flexibility of parental cooperation limits adaptive responses to harsh conditions. Evolution; International Journal of Organic Evolution, 2021, 75, 1835-1849.	2.3	11
5	Survey of neurotransmitter receptor gene expression into and out of parental care in the burying beetle Nicrophorus vespilloides. Ecology and Evolution, 2021, 11, 14282-14292.	1.9	3
6	Nature Notes: A new category for natural history studies. Ecology and Evolution, 2020, 10, 7952-7952.	1.9	5
7	Whitefly Endosymbionts: Biology, Evolution, and Plant Virus Interactions. Insects, 2020, 11, 775.	2.2	17
8	Debugging: Strategies and Considerations for Efficient RNAi-Mediated Control of the Whitefly Bemisia tabaci. Insects, 2020, 11, 723.	2.2	12
9	More Than DNA Methylation: Does Pleiotropy Drive the Complex Pattern of Evolution of Dnmt1?. Frontiers in Ecology and Evolution, 2020, 8, .	2.2	12
10	Changes of gene expression but not cytosine methylation are associated with male parental care reflecting behavioural state, social context, and individual flexibility. Journal of Experimental Biology, 2019, 222, .	1.7	12
11	Development and the effects of extended parenting in the coldâ€breeding burying beetle Nicrophorus sayi. Ecological Entomology, 2019, 44, 11-16.	2.2	6
12	Dnmt1 is essential for egg production and embryo viability in the large milkweed bug, Oncopeltus fasciatus. Epigenetics and Chromatin, 2019, 12, 6.	3.9	62
13	From phenotype to genotype: the precursor hypothesis predicts genetic influences that facilitate transitions in social behavior. Current Opinion in Insect Science, 2019, 34, 91-96.	4.4	8
14	The role of indirect genetic effects in the evolution of interacting reproductive behaviors in the burying beetle, Nicrophorus vespilloides. Ecology and Evolution, 2019, 9, 998-1009.	1.9	4
15	Evolution of Personal and Social Immunity in the Context of Parental Care. American Naturalist, 2019, 193, 296-308.	2.1	10
16	Predictable gene expression related to behavioral variation in parenting. Behavioral Ecology, 2019, 30, 402-407.	2.2	11
17	If everything is special, is anything special? A response to comments on Bailey et al.. Behavioral Ecology, 2018, 29, 17-18.	2.2	0
18	Indirect genetic effects in behavioral ecology: does behavior play a special role in evolution?. Behavioral Ecology, 2018, 29, 1-11.	2.2	88

#	Article	IF	Citations
19	Variation in mandible development and its relationship to dependence on parents across burying beetles. Ecology and Evolution, 2018, 8, 12832-12840.	1.9	2
20	Evolutionary Consequences of Social Isolation. Trends in Ecology and Evolution, 2018, 33, 595-607.	8.7	24
21	Evolution of DNA Methylation across Insects. Molecular Biology and Evolution, 2017, 34, msw264.	8.9	246
22	Ethological principles predict the neuropeptides co-opted to influence parenting. Nature Communications, 2017, 8, 14225.	12.8	38
23	The role of lipid metabolism during parental care in two species of burying beetle (Nicrophorus spp.). Animal Behaviour, 2017, 129, 143-149.	1.9	8
24	Relating quantitative variation within a behavior to variation in transcription. Evolution; International Journal of Organic Evolution, 2017, 71, 1999-2009.	2.3	27
25	Duplication and Sub/Neofunctionalization ofMalvolio, an Insect Homolog ofNramp, in the Subsocial BeetleNicrophorus vespilloides. G3: Genes, Genomes, Genetics, 2017, 7, 3393-3403.	1.8	13
26	Academic practice in ecology and evolution: Soliciting a new category of manuscript. Ecology and Evolution, 2017, 7, 5030-5031.	1.9	3
27	Quantitative Genetic Modeling of the Parental Care Hypothesis for the Evolution of Endothermy. Frontiers in Physiology, 2017, 8, 1005.	2.8	6
28	Biparental care is predominant and beneficial to parents in the burying beetleNicrophorus orbicollis(Coleoptera: Silphidae). Biological Journal of the Linnean Society, 2016, 119, 1082-1088.	1.6	23
29	Difference in parenting in two species of burying beetle, Nicrophorus orbicollis and Nicrophorus vespilloides. Journal of Ethology, 2016, 34, 315-319.	0.8	15
30	The role of neuropeptide F in a transition to parental care. Biology Letters, 2016, 12, 20160158.	2.3	32
31	Co-evolution, conflict and complexity: what have we learned about the evolution of parental care behaviours?. Current Opinion in Behavioral Sciences, 2016, 12, 30-36.	3.9	46
32	Niche variation and the maintenance of variation in body size in a burying beetle. Ecological Entomology, 2016, 41, 96-104.	2.2	20
33	Selection on an antagonistic behavioral trait can drive rapid genital coevolution in the burying beetle, Nicrophorus vespilloides. Evolution; International Journal of Organic Evolution, 2016, 70, 1180-1188.	2.3	10
34	A Balanced Data Archiving Policy for Long-Term Studies. Trends in Ecology and Evolution, 2016, 31, 84-85.	8.7	17
35	Maternal effects and maternal selection arising from variation in allocation of free amino acid to eggs. Ecology and Evolution, 2015, 5, 2397-2410.	1.9	8
36	Transcriptomes of parents identify parenting strategies and sexual conflict in a subsocial beetle. Nature Communications, 2015, 6, 8449.	12.8	78

#	Article	IF	Citations
37	Behavioral plasticity and G Ã— E of reproductive tactics inNicrophorus vespilloidesburying beetles. Evolution; International Journal of Organic Evolution, 2015, 69, 969-978.	2.3	10
38	Expression of octopaminergic receptor genes in 4 nonneural tissues in female Nicrophorus vespilloides beetles. Insect Science, 2015, 22, 495-502.	3.0	10
39	The Genome and Methylome of a Beetle with Complex Social Behavior,Nicrophorus vespilloides(Coleoptera: Silphidae). Genome Biology and Evolution, 2015, 7, 3383-3396.	2.5	87
40	The role of maternal effects in adaptation to different diets. Biological Journal of the Linnean Society, 2015, 114, 202-211.	1.6	17
41	Vitellogenin and vitellogenin receptor gene expression is associated with male and female parenting in a subsocial insect. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20150787.	2.6	66
42	Correlated evolution in parental care in females but not males in response to selection on paternity assurance behaviour. Ecology Letters, 2014, 17, 803-810.	6.4	45
43	Quantitative genetic versions of Hamilton's rule with empirical applications. Philosophical Transactions of the Royal Society B: Biological Sciences, 2014, 369, 20130358.	4.0	37
44	Effects of resource variation during early life and adult social environment on contest outcomes in burying beetles: a context-dependent silver spoon strategy?. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20133102.	2.6	53
45	Diet, development and the optimization of warning signals in postâ€metamorphic green and black poison frogs. Functional Ecology, 2013, 27, 816-829.	3.6	14
46	Integrated and independent evolution of heteromorphic sperm types. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131647.	2.6	6
47	Male age mediates reproductive investment and response to paternity assurance. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131124.	2.6	38
48	Cobreeding in the Burying Beetle, Nicrophorus vespilloides: Tolerance Rather Than Cooperation. Ethology, 2013, 119, 1138-1148.	1.1	10
49	Chemical egg defence in the large milkweed bug, <scp>O</scp>ncopeltus fasciatus, derives from maternal but not paternal diet. Entomologia Experimentalis Et Applicata, 2013, 149, 197-205.	1.4	14
50	Can invasions occur without change? A comparison of G â€matrices and selection in the peachâ€potato aphid, M yzus persicae. Ecology and Evolution, 2013, 3, 5109-5118.	1.9	6
51	Nutrition during sexual maturation affects competitive ability but not reproductive productivity in burying beetles. Functional Ecology, 2013, 27, 1350-1357.	3.6	36
52	Unusual whitish eggs in the poison frogDendrobates auratusGirard, 1855. Tropical Zoology, 2012, 25, 67-73.	0.6	1
53	RUNAWAY SEXUAL SELECTION WITHOUT GENETIC CORRELATIONS: SOCIAL ENVIRONMENTS AND FLEXIBLE MATE CHOICE INITIATE AND ENHANCE THE FISHER PROCESS. Evolution; International Journal of Organic Evolution, 2012, 66, 2674-2684.	2.3	73
54	PATERNAL CARE: DIRECT AND INDIRECT GENETIC EFFECTS OF FATHERS ON OFFSPRING PERFORMANCE. Evolution; International Journal of Organic Evolution, 2012, 66, 3570-3581.	2.3	51

#	Article	IF	Citations
55	Open debate and progress in ecology and evolution. Ecology and Evolution, 2011, 1, i-ii.	1.9	2
56	The influence of maternal effects on indirect benefits associated with polyandry. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 1177-1182.	2.6	2
57	THE QUANTITATIVE GENETICS AND COEVOLUTION OF MALE AND FEMALE REPRODUCTIVE TRAITS. Evolution; International Journal of Organic Evolution, 2010, 64, 1926-34.	2.3	24
58	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS. III. SOCIAL EVOLUTION. Evolution; International Journal of Organic Evolution, 2010, 64, 2558-2574.	2.3	239
59	Does the scent of a potential mate prevent the resorption of oocytes by apoptosis in Nauphoeta cinerea?. Insect Science, 2009, 16, 393-398.	3.0	0
60	Maleâ€“male competition, female mate choice and their interaction: determining total sexual selection. Journal of Evolutionary Biology, 2009, 22, 13-26.	1.7	333
61	Evolutionary quantitative genetics of sperm. , 2009, , 405-434.		55
62	A potential function for oocyte apoptosis in unmated Nauphoeta cinerea. Physiological Entomology, 2009, 34, 272-277.	1.5	9
63	SEXUAL SELECTION AND INTERACTING PHENOTYPES IN EXPERIMENTAL EVOLUTION: A STUDY OFDROSOPHILA PSEUDOOBSCURAMATING BEHAVIOR. Evolution; International Journal of Organic Evolution, 2008, 62, 1804-1812.	2.3	27
64	THE EVOLUTION OF REPEATED MATING IN THE BURYING BEETLE,NICROPHORUS VESPILLOIDES. Evolution; International Journal of Organic Evolution, 2008, 62, 2004-2014.	2.3	50
65	Does sibling competition have a sexâ€specific effect on offspring growth and development in the burying beetleNicrophorusÂvespilloides?. Entomologia Experimentalis Et Applicata, 2008, 126, 158-164.	1.4	4
66	Parental Distribution of Resources in Relation to Larval Hunger and Size Rank in the Burying BeetleNicrophorus vespilloides. Ethology, 2008, 114, 789-796.	1.1	19
67	Female agreement over male attractiveness is not affected by cost of mating with experienced males. Behavioral Ecology, 2008, 19, 854-859.	2.2	13
68	The quantitative genetics of sex differences in parenting. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18430-18435.	7.1	83
69	Coadaptation of Prenatal and Postnatal Maternal Effects. American Naturalist, 2007, 170, 709-718.	2.1	64
70	A potential resolution to the lek paradox through indirect genetic effects. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1279-1286.	2.6	57
71	Sperm competition, alternative mating tactics and context-dependent fertilization success in the burying beetle, Nicrophorus vespilloides. Proceedings of the Royal Society B: Biological Sciences, 2007, 274, 1309-1315.	2.6	28
72	PARENTS INFLUENCE ASYMMETRIC SIBLING COMPETITION: EXPERIMENTAL EVIDENCE WITH PARTIALLY DEPENDENT YOUNG. Ecology, 2007, 88, 3174-3182.	3.2	47

#	Article	IF	Citations
73	INTERACTION BETWEEN PARENTAL CARE AND SIBLING COMPETITION: PARENTS ENHANCE OFFSPRING GROWTH AND EXACERBATE SIBLING COMPETITION. Evolution; International Journal of Organic Evolution, 2007, 61, 2331-2339.	2.3	81
74	Negotiation between parents: does the timing of mate loss affect female compensation in Nicrophorus vespilloides?. Behaviour, 2006, 143, 293-301.	0.8	12
75	How do caring parents respond to mate loss? Differential response by males and females. Animal Behaviour, 2005, 69, 551-559.	1.9	169
76	The Coadaptation of Parental Supply and Offspring Demand. American Naturalist, 2005, 166, 506-516.	2.1	122
77	Quantitative Genetic Models of Sexual Conflict Based on Interacting Phenotypes. American Naturalist, 2005, 165, S88-S97.	2.1	69
78	CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. Evolution; International Journal of Organic Evolution, 2004, 58, 1773.	2.3	6
79	Selection, Inheritance, and the Evolution of Parentâ€Offspring Interactions. American Naturalist, 2004, 164, 13-24.	2.1	138
80	CONSTRAINTS ON EVOLUTION AND POSTCOPULATORY SEXUAL SELECTION: TRADE-OFFS AMONG EJACULATE CHARACTERISTICS. Evolution; International Journal of Organic Evolution, 2004, 58, 1773-1780.	2.3	77
81	All in the family. Nature, 2004, 429, 517-518.	27.8	5
82	Time constraints and trade-offs among parental care behaviours: effects of brood size, sex and loss of mate. Animal Behaviour, 2004, 68, 695-702.	1.9	86
83	Signalling of hunger when offspring forage by both begging and self-feeding. Animal Behaviour, 2004, 67, 1083-1088.	1.9	60
84	Mating Systems and Strategies. Ethology, 2004, 110, 157-158.	1.1	0
85	Developmental flexibility and the effect of social environment on fertility and fecundity in parthenogenetic reproduction. Evolution & Development, 2003, 5, 163-168.	2.0	13
86	Partial begging: an empirical model for the early evolution of offspring signalling. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1773-1777.	2.6	167
87	The Evolution of Interacting Phenotypes: Genetics and Evolution of Social Dominance. American Naturalist, 2002, 160, S186-S197.	2.1	92
88	Genetic Tools for Studying Adaptation and the Evolution of Behavior. American Naturalist, 2002, 160, S143-S159.	2.1	113
89	QUANTITATIVE GENETICS OF GROWTH AND DEVELOPMENT TIME IN THE BURYING BEETLE NICROPHORUS PUSTULATUS IN THE PRESENCE AND ABSENCE OF POST-HATCHING PARENTAL CARE. Evolution; International Journal of Organic Evolution, 2002, 56, 96-110.	2.3	69
90	Does resource availability affect offspring begging and parental provisioning in a partially begging species?. Animal Behaviour, 2002, 63, 577-585.	1.9	117

#	Article	IF	Citations
91	Title is missing!. Journal of Insect Behavior, 2002, 15, 69-84.	0.7	14
92	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. Evolution; International Journal of Organic Evolution, 2001, 55, 232-245.	2.3	59
93	DEVELOPMENTAL INTERACTIONS AND THE CONSTITUENTS OF QUANTITATIVE VARIATION. Evolution; International Journal of Organic Evolution, 2001, 55, 232.	2.3	6
94	Sexual conflict and the evolution of female mate choice and male social dominance. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 517-523.	2.6	134
95	Interacting Phenotypes and the Evolutionary Process. II. Selection Resulting from Social Interactions. American Naturalist, 1999, 153, 254-266.	2.1	339
96	Developmental constraints on the mode of reproduction in the facultatively parthenogenetic cockroach Nauphoeta cinerea. Evolution & Development, 1999, 1, 90-99.	2.0	33
97	Balancing sexual selection through opposing mate choice and male competition. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 711-716.	2.6	185
98	Fitness of alternative modes of reproduction: developmental constraints and the evolutionary maintenance of sex. Proceedings of the Royal Society B: Biological Sciences, 1999, 266, 471-476.	2.6	53
99	Evolutionary consequences of indirect genetic effects. Trends in Ecology and Evolution, 1998, 13, 64-69.	8.7	742
100	The influence of environmental quality on sexual selection in Nauphoeta cinerea (Dictyoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	2.2	57
101	INTERACTING PHENOTYPES AND THE EVOLUTIONARY PROCESS: I. DIRECT AND INDIRECT GENETIC EFFECTS OF SOCIAL INTERACTIONS. Evolution; International Journal of Organic Evolution, 1997, 51, 1352-1362.	2.3	577
102	THE EVOLUTION OF SOCIAL SIGNALS: MORPHOLOGICAL, FUNCTIONAL, AND GENETIC INTEGRATION OF THE SEX PHEROMONE INNAUPHOETA CINEREA. Evolution; International Journal of Organic Evolution, 1997, 51, 1920-1928.	2.3	44
103	Interacting Phenotypes and the Evolutionary Process: I. Direct and Indirect Genetic Effects of Social Interactions. Evolution; International Journal of Organic Evolution, 1997, 51, 1352.	2.3	304
104	Odour conveys status on cockroaches. Nature, 1997, 389, 25-25.	27.8	93
105	The genetics of phenotypic plasticity in a colonizing population of the ladybird beetle, Hormonia axyridis. Heredity, 1997, 78, 261-269.	2.6	38
106	Genetic aspects of communication during male-male competition in the Madagascar hissing cockroach: honest signalling of size. Heredity, 1995, 75, 198-205.	2.6	22
107	Conditional signalling strategies: effects of ontogeny, social experience and social status on the pheromonal signal of male cockroaches. Animal Behaviour, 1995, 50, 191-202.	1.9	59
108	Social Communication in the Madagascar Hissing Cockroach: Features of Male Courtship Hisses and a Comparison of Courtship and Agonistic Hisses. Behaviour, 1995, 132, 401-417.	0.8	14

#	Article	IF	Citations
109	Visualizing and quantifying natural selection. Trends in Ecology and Evolution, 1995, 10, 313-318.	8.7	615
110	Optimality and evolutionary genetics: complementary procedures for evolutionary analysis in behavioural ecology. Trends in Ecology and Evolution, 1994, 9, 69-72.	8.7	20
111	Can Dominance Hierarchies be Replicated? Formâ€•reâ€form Experiments using the Cockroach (Nauphoeta cinerea). Ethology, 1994, 97, 94-102.	1.1	22
112	Towards an evolutionary view of social dominance. Animal Behaviour, 1993, 46, 594-596.	1.9	13
113	Genetics, inheritance and social behaviour. Animal Behaviour, 1991, 42, 497-498.	1.9	9
114	The inheritance of social dominance, mating behaviour and attractiveness to mates in male Nauphoeta cinerea. Animal Behaviour, 1990, 39, 388-397.	1.9	96
115	Sexual Selection and the Genetics of Pheromonally Mediated Social Behavior in Nauphoeta cinerea (Dictyoptera: Blaberidae). Entomologia Generalis, 1990, 15, 133-147.	3.1	13
116	Sexual selection inNauphoeta cinerea: Inherited mating preference?. Behavior Genetics, 1989, 19, 717-724.	2.1	37
117	The Behavioral Ecology of Libellula luctuosa (Burmeister) (Odonata: Libellulidae). Ethology, 1989, 80, 120-136.	1.1	33
118	The influence of social experience on the behavior of male cockroaches,Nauphoeta cinerea. Journal of Insect Behavior, 1988, 1, 157-168.	0.7	34
119	Female Strategy During Mate Choice: Threshold Assessment. Evolution; International Journal of Organic Evolution, 1988, 42, 387.	2.3	30
120	Female preferences, male social status, and sexual selection in Nauphoeta cinerea. Animal Behaviour, 1988, 36, 303-305.	1.9	50
121	FEMALE STRATEGY DURING MATE CHOICE: THRESHOLD ASSESSMENT. Evolution; International Journal of Organic Evolution, 1988, 42, 387-391.	2.3	56
122	The Behavioral Ecology of Libellula luctuosa (Burmeister) (Anisoptera: Libellulidae): I. Temporal Changes in the Population Density and the Effects on Male Territorial Behavior. Ethology, 1987, 75, 246-254.	1.1	23
123	Mate assessment in a cockroach, Nauphoeta cinerea. Animal Behaviour, 1986, 34, 1160-1165.	1.9	38
124	Social environments, social tactics and their fitness consequences in complex mammalian societies. , 0, , 360-390.		6
125	The quantitative genetics of social behaviour. , 0, , 29-54.		30
126	Prospects for research in social behaviour: systems biology meets behaviour. , 0, , 538-550.		2