Tadeusz J Kawecki

List of Publications by Year
in descending order

91	9,036	94433 37	51608 86
papers	citations	h-index	g-index

97	97	97	9858
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Adaptation to a bacterial pathogen in <i>Drosophila melanogaster</i> is not aided by sexual selection. Ecology and Evolution, 2022, 12, e8543.	1.9	0
2	The Genomic Architecture of Adaptation to Larval Malnutrition Points to a Trade-off with Adult Starvation Resistance in <i>Drosophila</i>. Molecular Biology and Evolution, 2021, 38, 2732-2749.	8.9	14
3	Sexual selection reveals a cost of pathogen resistance undetected in lifeâ€history assays. Evolution; International Journal of Organic Evolution, 2020, 74, 338-348.	2.3	7
4	Experimental evolution of post-ingestive nutritional compensation in response to a nutrient-poor diet. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20202684.	2.6	15
5	Sexual selection favours good or bad genes for pathogen resistance depending on males' pathogen exposure. Proceedings of the Royal Society B: Biological Sciences, 2019, 286, 20190226.	2.6	11
6	Sexual conflict drives male manipulation of female postmating responses in <i>Drosophila melanogaster</i>. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8437-8444.	7.1	72
7	Host diet mediates a negative relationship between abundance and diversity of <i>Drosophila</i> gut microbiota. Ecology and Evolution, 2018, 8, 9491-9502.	1.9	29
8	Experimental evolution of slowed cognitive aging in<i>Drosophila melanogaster</i>. Evolution; International Journal of Organic Evolution, 2017, 71, 662-670.	2.3	3
9	Adaptation to Chronic Nutritional Stress Leads to Reduced Dependence on Microbiota in <i>Drosophila melanogaster</i>. MBio, 2017, 8, .	4.1	39
10	Sexual selection shapes development and maturation rates inDrosophila. Evolution; International Journal of Organic Evolution, 2017, 71, 304-314.	2.3	14
11	Fugitive Coexistence Mediated by Evolutionary Lag in Local Adaptation in Metapopulations. Annales Zoologici Fennici, 2017, 54, 139-152.	0.6	0
12	Evolution of reduced postâ€copulatory molecular interactions in <i>Drosophila</i> populations lacking sperm competition. Journal of Evolutionary Biology, 2016, 29, 77-85.	1.7	11
13	Gut physiology mediates a tradeâ€off between adaptation to malnutrition and susceptibility to foodâ€borne pathogens. Ecology Letters, 2015, 18, 1078-1086.	6.4	33
14	Quantitative genetics of learning ability and resistance to stress in <i>Drosophila melanogaster</i>. Ecology and Evolution, 2015, 5, 543-556.	1.9	16
15	Idiosyncratic evolution of maternal effects in response to juvenile malnutrition in <i>Drosophila</i>. Journal of Evolutionary Biology, 2015, 28, 876-884.	1.7	12
16	The effect of learning on the evolution of new courtship behavior: A simulation model. Environmental Epigenetics, 2015, 61, 1062-1072.	1.8	7
17	No evidence that withinâ€group male relatedness reduces harm to females in <i><scp>D</scp>rosophila</i>. Ecology and Evolution, 2015, 5, 979-983.	1.9	21
18	Can Test-Tube Evolution Explain Biodiversity?. Trends in Ecology and Evolution, 2015, 30, 568-569.	8.7	0

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19	Prepupal Building Behavior in Drosophila melanogaster and Its Evolution under Resource and Time Constraints. PLoS ONE, 2015, 10, e0117280.	2.5	13
20	Evolution under monogamy feminizes gene expression in Drosophila melanogaster. Nature Communications, 2014, 5, 3482.	12.8	83
21	Male cognitive performance declines in the absence of sexual selection. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20132873.	2.6	48
22	Fruit flies learn to avoid odours associated with virulent infection. Biology Letters, 2014, 10, 20140048.	2.3	31
23	Virulent bacterial infection improves aversive learning performance in Drosophila melanogaster. Brain, Behavior, and Immunity, 2014, 41, 152-161.	4.1	5
24	The impact of learning on selection-driven speciation. Trends in Ecology and Evolution, 2013, 28, 68-69.	8.7	6
25	Predatory cannibalism in Drosophila melanogaster larvae. Nature Communications, 2013, 4, 1789.	12.8	91
26	<i>Drosophila</i> rely on learning while foraging under semiâ€natural conditions. Ecology and Evolution, 2013, 3, 4139-4148.	1.9	18
27	Epistasis and maternal effects in experimental adaptation to chronic nutritional stress in <i>Drosophila</i>. Journal of Evolutionary Biology, 2013, 26, 2566-2580.	1.7	12
28	Evolution of foraging behaviour in response to chronic malnutrition in <i>Drosophila melanogaster</i>. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3540-3546.	2.6	26
29	Experimental evolution. Trends in Ecology and Evolution, 2012, 27, 547-560.	8.7	631
30	The value of complementary approaches in evolutionary research: reply to MagalhÃ£es and Matos. Trends in Ecology and Evolution, 2012, 27, 650-651.	8.7	9
31	Chronic malnutrition favours smaller critical size for metamorphosis initiation in <i>Drosophila melanogaster</i>. Journal of Evolutionary Biology, 2012, 25, 288-292.	1.7	30
32	Adaptation to Abundant Low Quality Food Improves the Ability to Compete for Limited Rich Food in Drosophila melanogaster. PLoS ONE, 2012, 7, e30650.	2.5	18
33	Plastic and evolutionary responses of cell size and number to larval malnutrition in Drosophila melanogaster. Journal of Evolutionary Biology, 2011, 24, 897-903.	1.7	26
34	Adaptation to larval malnutrition does not affect fluctuating asymmetry in<i>Drosophila melanogaster</i>. Biological Journal of the Linnean Society, 2011, 104, 19-28.	1.6	6
35	Evolutionary ecology of learning: insights from fruit flies. Population Ecology, 2010, 52, 15-25.	1.2	73
36	Dietary restriction affects lifespan but not cognitive aging in <i>Drosophila melanogaster</i>. Aging Cell, 2010, 9, 327-335.	6.7	42

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37	Effects of inbreeding on aversive learning in <i>Drosophila</i>. Journal of Evolutionary Biology, 2010, 23, 2333-2345.	1.7	28
38	Effects of parental larval diet on egg size and offspring traits in <i>Drosophila</i>. Biology Letters, 2010, 6, 238-241.	2.3	129
39	The Influence of Learning on Evolution: A Mathematical Framework. Artificial Life, 2009, 15, 227-245.	1.3	29
40	LIFE-HISTORY CONSEQUENCES OF ADAPTATION TO LARVAL NUTRITIONAL STRESS IN<i>DROSOPHILA</i>. Evolution; International Journal of Organic Evolution, 2009, 63, 2389-2401.	2.3	102
41	Influence of learning on range expansion and adaptation to novel habitats. Journal of Evolutionary Biology, 2009, 22, 2201-2214.	1.7	33
42	SV40-Induced Expression of Calretinin Protects Mesothelial Cells from Asbestos Cytotoxicity and May Be a Key Factor Contributing to Mesothelioma Pathogenesis. American Journal of Pathology, 2009, 174, 2324-2336.	3.8	33
43	Behavior and Neurobiology. , 2009, , 263-300.		7
44	LEARNING ABILITY AND LONGEVITY: A SYMMETRICAL EVOLUTIONARY TRADE-OFF IN DROSOPHILA. Evolution; International Journal of Organic Evolution, 2008, 62, 1294-1304.	2.3	102
45	Adaptation to Marginal Habitats. Annual Review of Ecology, Evolution, and Systematics, 2008, 39, 321-342.	8.3	515
46	Reduced learning ability as a consequence of evolutionary adaptation to nutritional stress in <i>Drosophila melanogaster</i>. Ecological Entomology, 2008, 33, 583-588.	2.2	38
47	Natural polymorphism affecting learning and memory in <i>Drosophila</i>. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 13051-13055.	7.1	184
48	Experimental Evolution of Olfactory Memory in Drosophila melanogaster. Physiological and Biochemical Zoology, 2007, 80, 399-405.	1.5	31
49	Influence of Plasticity and Learning on Evolution under Directional Selection. American Naturalist, 2007, 170, E47-E58.	2.1	113
50	Evolutionary biology of starvation resistance: what we have learned from <i>Drosophila</i>. Journal of Evolutionary Biology, 2007, 20, 1655-1664.	1.7	193
51	JUVENILE HORMONE AS A REGULATOR OF THE TRADE-OFF BETWEEN REPRODUCTION AND LIFE SPAN INDROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2007, 61, 1980-1991.	2.3	108
52	No trade-off between learning ability and parasitoid resistance in Drosophila melanogaster. Journal of Evolutionary Biology, 2006, 19, 1359-1363.	1.7	8
53	Genetically idiosyncratic responses of Drosophila melanogaster populations to selection for improved learning ability. Journal of Evolutionary Biology, 2006, 19, 1265-1274.	1.7	22
54	A Cost of Long-Term Memory in <i>Drosophila</i>. Science, 2005, 308, 1148-1148.	12.6	235

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55	Ecological and Evolutionary Consequences of Source-Sink Population Dynamics. , 2004, , 387-414.		41
56	The Maintenance (or Not) of Polygenic Variation by Soft Selection in Heterogeneous Environments. American Naturalist, 2004, 164, 70-84.	2.1	85
57	Evidence for epistasis: reply to Trouve et al.. Journal of Evolutionary Biology, 2004, 17, 1402-1404.	1.7	1
58	Conceptual issues in local adaptation. Ecology Letters, 2004, 7, 1225-1241.	6.4	2,964
59	THE EFFECT OF LEARNING ON EXPERIMENTAL EVOLUTION OF RESOURCE PREFERENCE IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2004, 58, 757-767.	2.3	65
60	An operating cost of learning in Drosophila melanogaster. Animal Behaviour, 2004, 68, 589-598.	1.9	104
61	Pleiotropic Effects of methoprene-tolerant (Met), a Gene Involved in Juvenile Hormone Metabolism, on Life History Traits in Drosophila melanogaster. Genetica, 2004, 122, 141-160.	1.1	31
62	THE EFFECT OF LEARNING ON EXPERIMENTAL EVOLUTION OF RESOURCE PREFERENCE IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2004, 58, 757.	2.3	4
63	GENETIC ARCHITECTURE OF DIFFERENCES BETWEEN POPULATIONS OF COWPEA WEEVIL (CALLOSOBRUCHUS) Tj ETQq1 1 0.78431 Evolution, 2003, 57, 274-287.	2.3	48
64	A fitness cost of learning ability in Drosophila melanogaster. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 2465-2469.	2.6	249
65	Sexâ€Biased Dispersal and Adaptation to Marginal Habitats. American Naturalist, 2003, 162, 415-426.	2.1	19
66	Evolutionary conservatism of geographic variation in host preference in Callosobruchus maculatus. Ecological Entomology, 2003, 28, 449-456.	2.2	24
67	GENETIC ARCHITECTURE OF DIFFERENCES BETWEEN POPULATIONS OF COWPEA WEEVIL (CALLOSOBRUCHUS) Tj ETQq1 1 0.78431 Evolution, 2003, 57, 274.	2.3	5
68	Evolutionary Consequences of Asymmetric Dispersal Rates. American Naturalist, 2002, 160, 333-347.	2.1	156
69	Experimental evolution of learning ability in fruit flies. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 14274-14279.	7.1	224
70	Costs and benefits for phytophagous myrmecophiles: when ants are not always available. Oikos, 2001, 92, 467-478.	2.7	35
71	DECLINE IN OFFSPRING VIABILITY AS A MANIFESTATION OF AGING IN DROSOPHILA MELANOGASTER. Evolution; International Journal of Organic Evolution, 2001, 55, 1822-1831.	2.3	86
72	THE EVOLUTION OF GENETIC CANALIZATION UNDER FLUCTUATING SELECTION. Evolution; International Journal of Organic Evolution, 2000, 54, 1-12.	2.3	116

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73	Adaptation to marginal habitats: contrasting influence of the dispersal rate on the fate of alleles with small and large effects. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1315-1320.	2.6	82
74	THE EVOLUTION OF GENETIC CANALIZATION UNDER FLUCTUATING SELECTION. Evolution; International Journal of Organic Evolution, 2000, 54, 1.	2.3	38
75	Adaptive Host Preference and the Dynamics of Hostâ€“Parasitoid Interactions. Theoretical Population Biology, 1999, 56, 307-324.	1.1	37
76	Sympatric Speciation via Habitat Specialization Driven by Deleterious Mutations. Evolution; International Journal of Organic Evolution, 1997, 51, 1751.	2.3	50
77	Habitat quality ranking depends on habitatâ€independent environmental factors: a model and results from Callosobruchus maculatus. Functional Ecology, 1997, 11, 247-254.	3.6	4
78	Demography of source?sink populations and the evolution of ecological niches. Evolutionary Ecology, 1995, 9, 38-44.	1.2	153
79	Adaptive plasticity of egg size in response to competition in the cowpea weevil, Callosobruchus maculatus (Coleoptera: Bruchidae). Oecologia, 1995, 102, 81-85.	2.0	50
80	Expression of genetic and environmental variation for life history characters on the usual and novel hosts in Callosobruchus maculatus (Coleoptera:Bruchidae). Heredity, 1995, 75, 70-76.	2.6	98
81	The differential genetic and environmental canalization of fitness components in Drosophila melanogaster. Journal of Evolutionary Biology, 1995, 8, 539-557.	1.7	159
82	Accumulation of Deleterious Mutations and the Evolutionary Cost of Being a Generalist. American Naturalist, 1994, 144, 833-838.	2.1	175
83	Fitness Sensitivity and the Canalization of Life-History Traits. Evolution; International Journal of Organic Evolution, 1994, 48, 1438.	2.3	103
84	FITNESS SENSITIVITY AND THE CANALIZATION OF LIFE-HISTORY TRAITS. Evolution; International Journal of Organic Evolution, 1994, 48, 1438-1450.	2.3	156
85	The evolution of life histories in spatially heterogeneous environments: Optimal reaction norms revisited. Evolutionary Ecology, 1993, 7, 155-174.	1.2	175
86	Age and Size at Maturity in a Patchy Environment: Fitness Maximization versus Evolutionary Stability. Oikos, 1993, 66, 309.	2.7	53
87	An experimental test of the egg-ratio method: estimated versus observed death rates. Freshwater Biology, 1992, 28, 237-248.	2.4	12
88	Young queens of the harvesting antMessor semimfus avoid founding in places visited by conspecific workers. Insectes Sociaux, 1992, 39, 113-115.	1.2	10
89	Sex-linked altruism: A stepping-stone in the evolution of social behavior?. Journal of Evolutionary Biology, 1991, 4, 487-500.	1.7	3
90	Unisexual/Bisexual Breeding Complexes in Poeciliidae: Why do Males Copulate with Unisexual Females?. Evolution; International Journal of Organic Evolution, 1988, 42, 1018.	2.3	22

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91	UNISEXUAL/BISEXUAL BREEDING COMPLEXES IN POECILIIDAE: WHY DO MALES COPULATE WITH UNISEXUAL FEMALES?. Evolution; International Journal of Organic Evolution, 1988, 42, 1018-1023.	2.3	14