

Bas J Zwaan

List of Publications by Year in descending order

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146
papers

7,094
citations

47006

47
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74
g-index

159
all docs

159
docs citations

159
times ranked

6699
citing authors

#	ARTICLE	IF	CITATIONS
1	Tackling the emerging threat of antifungal resistance to human health. <i>Nature Reviews Microbiology</i> , 2022, 20, 557-571.	28.6	311
2	Reduced insulin/IGF-1 signalling and human longevity. <i>Aging Cell</i> , 2005, 4, 79-85.	6.7	288
3	Genotype × environment interaction QTL mapping in plants: lessons from <i>Arabidopsis</i> . <i>Trends in Plant Science</i> , 2014, 19, 390-398.	8.8	237
4	DIRECT SELECTION ON LIFE SPAN IN <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 649-659.	2.3	207
5	Natural Selection and Developmental Constraints in the Evolution of Allometries. <i>Science</i> , 2005, 307, 718-720.	12.6	198
6	PLASTICITY IN BUTTERFLY EGG SIZE: WHY LARGER OFFSPRING AT LOWER TEMPERATURES?. <i>Ecology</i> , 2003, 84, 3138-3147.	3.2	183
7	On the developmental theory of ageing. I. Starvation resistance and longevity in <i>Drosophila melanogaster</i> in relation to pre-adult breeding conditions. <i>Heredity</i> , 1991, 66, 29-39.	2.6	160
8	Strong phenotypic plasticity limits potential for evolutionary responses to climate change. <i>Nature Communications</i> , 2018, 9, 1005.	12.8	137
9	Direct Selection on Life Span in <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 649.	2.3	134
10	In-host adaptation and acquired triazole resistance in <i>Aspergillus fumigatus</i> : a dilemma for clinical management. <i>Lancet Infectious Diseases</i> , The, 2016, 16, e251-e260.	9.1	123
11	Evolution of Sexual Dimorphism in the Lepidoptera. <i>Annual Review of Entomology</i> , 2011, 56, 445-464.	11.8	113
12	Differences in the selection response of serially repeated color pattern characters: Standing variation, development, and evolution. <i>BMC Evolutionary Biology</i> , 2008, 8, 94.	3.2	110
13	What evidence is there for the existence of individual genes with antagonistic pleiotropic effects?. <i>Mechanisms of Ageing and Development</i> , 2005, 126, 421-429.	4.6	109
14	Genes encoding longevity: from model organisms to humans. <i>Aging Cell</i> , 2008, 7, 270-280.	6.7	107
15	ARTIFICIAL SELECTION FOR DEVELOPMENTAL TIME IN <i>DROSOPHILA MELANOGASTER</i> IN RELATION TO THE EVOLUTION OF AGING: DIRECT AND CORRELATED RESPONSES. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 635-648.	2.3	105
16	A Novel Environmental Azole Resistance Mutation in <i>Aspergillus fumigatus</i> and a Possible Role of Sexual Reproduction in Its Emergence. <i>MBio</i> , 2017, 8, .	4.1	104
17	Genomic Analysis of European <i>Drosophila melanogaster</i> Populations Reveals Longitudinal Structure, Continent-Wide Selection, and Previously Unknown DNA Viruses. <i>Molecular Biology and Evolution</i> , 2020, 37, 2661-2678.	8.9	104
18	Genes involved in virulence of the entomopathogenic fungus <i>Beauveria bassiana</i> . <i>Journal of Invertebrate Pathology</i> , 2016, 133, 41-49.	3.2	101

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19	Environmental Hotspots for Azole Resistance Selection of <i>Aspergillus fumigatus</i> , the Netherlands. <i>Emerging Infectious Diseases</i> , 2019, 25, 1347-1353.	4.3	95
20	Cytology of Wolbachia-induced parthenogenesis in <i>Leptopilina clavipes</i> (Hymenoptera: Figitidae). <i>Genome</i> , 2004, 47, 299-303.	2.0	92
21	Cellular basis of wing size variation in <i>Drosophila melanogaster</i> : a comparison of latitudinal clines on two continents. <i>Heredity</i> , 2000, 84, 338-347.	2.6	89
22	Characterization of 28 microsatellite loci for the butterfly <i>Bicyclus anynana</i> . <i>Molecular Ecology Notes</i> , 2005, 5, 169-172.	1.7	88
23	The evolutionary genetics of ageing and longevity. <i>Heredity</i> , 1999, 82, 589-597.	2.6	85
24	Predictive Adaptive Responses: Condition-Dependent Impact of Adult Nutrition and Flight in the Tropical Butterfly <i>Bicyclus anynana</i> . <i>American Naturalist</i> , 2010, 176, 686-698.	2.1	84
25	Cooler butterflies lay larger eggs: developmental plasticity versus acclimation. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 2051-2056.	2.6	79
26	Translating environmental gradients into discontinuous reaction norms via hormone signalling in a polyphenic butterfly. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 789-797.	2.6	79
27	STARVATION RESISTANCE AND ADULT BODY COMPOSITION IN A LATITUDINAL CLINE OF <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1819-1824.	2.3	77
28	Vertical and Temporal Patterns of Biodiversity of Fruit-Feeding Butterflies in a Tropical Forest in Uganda. <i>Biodiversity and Conservation</i> , 2006, 15, 107-121.	2.6	73
29	How does egg size relate to body size in butterflies?. <i>Oecologia</i> , 2002, 131, 375-379.	2.0	69
30	The one health problem of azole resistance in <i>Aspergillus fumigatus</i> : current insights and future research agenda. <i>Fungal Biology Reviews</i> , 2020, 34, 202-214.	4.7	68
31	Developmental plasticity and acclimation both contribute to adaptive responses to alternating seasons of plenty and of stress in <i>Bicyclus</i> butterflies. <i>Journal of Biosciences</i> , 2007, 32, 465-475.	1.1	67
32	Next-Generation biological control: the need for integrating genetics and genomics. <i>Biological Reviews</i> , 2020, 95, 1838-1854.	10.4	67
33	The African Butterfly <i>Bicyclus anynana</i> : A Model for Evolutionary Genetics and Evolutionary Developmental Biology. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.emo122.	0.3	65
34	The effect of developmental nutrition on life span and fecundity depends on the adult reproductive environment in <i>Drosophila melanogaster</i> . <i>Ecology and Evolution</i> , 2015, 5, 1156-1168.	1.9	65
35	Correlated responses to selection on body size in <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 1999, 74, 43-54.	0.9	64
36	Fitness consequences of temperature-mediated egg size plasticity in a butterfly. <i>Functional Ecology</i> , 2003, 17, 803-810.	3.6	64

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37	Mitochondrial DNA Signature for Range-Wide Populations of <i>Bicyclus anynana</i> Suggests a Rapid Expansion from Recent Refugia. <i>PLoS ONE</i> , 2011, 6, e21385.	2.5	63
38	Effective population size, reproductive success and sperm precedence in the butterfly, <i>Bicyclus anynana</i> , in captivity. <i>Journal of Evolutionary Biology</i> , 2001, 14, 148-156.	1.7	62
39	Effects of assay conditions in life history experiments with <i>Drosophila melanogaster</i> . <i>Journal of Evolutionary Biology</i> , 2001, 14, 199-209.	1.7	62
40	Extraordinary long life spans in fruit-feeding butterflies can provide window on evolution of life span and aging. <i>Experimental Gerontology</i> , 2007, 42, 472-482.	2.8	60
41	INTERNAL AND EXTERNAL CONSTRAINTS IN THE EVOLUTION OF MORPHOLOGICAL ALLOMETRIES IN A BUTTERFLY. <i>Evolution; International Journal of Organic Evolution</i> , 2007, 61, 2958-2970.	2.3	57
42	Quality–quantity trade-off of human offspring under adverse environmental conditions. <i>Journal of Evolutionary Biology</i> , 2009, 22, 1014-1023.	1.7	57
43	Triazole fungicides and the selection of resistance to medical triazoles in the opportunistic mould <i>Aspergillus fumigatus</i> . <i>Pest Management Science</i> , 2013, 69, 165-170.	3.4	56
44	Artificial Selection for Developmental Time in <i>Drosophila melanogaster</i> in Relation to the Evolution of Aging: Direct and Correlated Responses. <i>Evolution; International Journal of Organic Evolution</i> , 1995, 49, 635.	2.3	55
45	A high-coverage draft genome of the mycalesine butterfly <i>Bicyclus anynana</i> . <i>GigaScience</i> , 2017, 6, 1-7.	6.4	55
46	Geographic variation in thermal plasticity of life history and wing pattern in <i>Bicyclus anynana</i> . <i>Climate Research</i> , 2010, 43, 91-102.	1.1	54
47	The effects of larval density on adult life-history traits in three species of <i>Drosophila</i> . <i>Mechanisms of Ageing and Development</i> , 2005, 126, 407-416.	4.6	53
48	Phenotypic plasticity of starvation resistance in the butterfly <i>Bicyclus anynana</i> . <i>Evolutionary Ecology</i> , 2007, 21, 589-600.	1.2	52
49	Do mothers producing large offspring have to sacrifice fecundity?. <i>Journal of Evolutionary Biology</i> , 2006, 19, 380-391.	1.7	51
50	Evolution of cross-resistance to medical triazoles in <i>Aspergillus fumigatus</i> through selection pressure of environmental fungicides. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20170635.	2.6	51
51	Facilitators of adaptation and antifungal resistance mechanisms in clinically relevant fungi. <i>Fungal Genetics and Biology</i> , 2019, 132, 103254.	2.1	51
52	MULTITRAIT EVOLUTION IN LINES OF <i>DROSOPHILA MELANOGASTER</i> SELECTED FOR INCREASED STARVATION RESISTANCE: THE ROLE OF METABOLIC RATE AND IMPLICATIONS FOR THE EVOLUTION OF LONGEVITY. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1435-1444.	2.3	49
53	On the developmental theory of ageing. II. The effect of developmental temperature on longevity in relation to adult body size in <i>D. melanogaster</i> . <i>Heredity</i> , 1992, 68, 123-130.	2.6	48
54	Development and the Genetics of Evolutionary Change Within Insect Species. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2003, 34, 633-660.	8.3	48

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55	Food intake of fruit-feeding butterflies: evidence for adaptive variation in proboscis morphology. <i>Biological Journal of the Linnean Society</i> , 2005, 86, 333-343.	1.6	46
56	The scent of inbreeding: a male sex pheromone betrays inbred males. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20130102.	2.6	46
57	Evolutionary dynamics of multilocus microsatellite arrangements in the genome of the butterfly <i>Bicyclus anynana</i> , with implications for other Lepidoptera. <i>Heredity</i> , 2007, 98, 320-328.	2.6	45
58	The Predictive Adaptive Response: Modeling the Life-History Evolution of the Butterfly <i>Bicyclus anynana</i> in Seasonal Environments. <i>American Naturalist</i> , 2013, 181, E28-E42.	2.1	45
59	Adaptive developmental plasticity: Compartmentalized responses to environmental cues and to corresponding internal signals provide phenotypic flexibility. <i>BMC Biology</i> , 2014, 12, 97.	3.8	45
60	Genetic and environmental sources of egg size variation in the butterfly <i>Bicyclus anynana</i> . <i>Heredity</i> , 2004, 92, 163-169.	2.6	44
61	Sexual functionality of <i>Leptopilina clavipes</i> (Hymenoptera: Figitidae) after reversing <i>Wolbachia</i> -induced parthenogenesis. <i>Journal of Evolutionary Biology</i> , 2005, 18, 1019-1028.	1.7	44
62	Is male puddling behaviour of tropical butterflies targeted at sodium for nuptial gifts or activity?. <i>Biological Journal of the Linnean Society</i> , 2005, 86, 345-361.	1.6	44
63	Selective Survival of Embryos Can Explain DNA Methylation Signatures of Adverse Prenatal Environments. <i>Cell Reports</i> , 2018, 25, 2660-2667.e4.	6.4	44
64	Seasonal polyphenisms and environmentally induced plasticity in the Lepidoptera: The coordinated evolution of many traits on multiple levels. , 2011, , 243-252.		44
65	Transcriptome analysis of a long-lived natural <i>Drosophila</i> variant: a prominent role of stress- and reproduction-genes in lifespan extension. <i>BMC Genomics</i> , 2012, 13, 167.	2.8	43
66	Natural variation in virulence of the entomopathogenic fungus <i>Beauveria bassiana</i> against malaria mosquitoes. <i>Malaria Journal</i> , 2014, 13, 479.	2.3	43
67	The evolutionary genetics of egg size plasticity in a butterfly. <i>Journal of Evolutionary Biology</i> , 2005, 18, 281-289.	1.7	42
68	Butterfly Selected Lines Explore the Hormonal Basis of Interactions between Life Histories and Morphology. <i>American Naturalist</i> , 2004, 163, E76-E87.	2.1	41
69	The fading boundaries between patient and environmental routes of triazole resistance selection in <i>Aspergillus fumigatus</i> . <i>PLoS Pathogens</i> , 2019, 15, e1007858.	4.7	41
70	Shuttling between species for pathways of lifespan regulation: A central role for the vitellogenin gene family?. <i>BioEssays</i> , 2005, 27, 339-346.	2.5	40
71	Chemical defence in a sawfly: genetic components of variation in relevant life-history traits. <i>Heredity</i> , 2003, 90, 468-475.	2.6	39
72	Ecdysteroid Hormones Link the Juvenile Environment to Alternative Adult Life Histories in a Seasonal Insect. <i>American Naturalist</i> , 2014, 184, E79-E92.	2.1	39

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73	Transcriptional Profiling of Human Familial Longevity Indicates a Role for ASF1A and IL7R. PLoS ONE, 2012, 7, e27759.	2.5	39
74	Comparative genomics of <i>Beauveria bassiana</i> : uncovering signatures of virulence against mosquitoes. BMC Genomics, 2016, 17, 986.	2.8	38
75	Asexual sporulation facilitates adaptation: The emergence of azole resistance in <i>Aspergillus fumigatus</i> . Evolution; International Journal of Organic Evolution, 2015, 69, 2573-2586.	2.3	35
76	Methuselah life history in a variety of conditions, implications for the use of mutants in longevity research. Experimental Gerontology, 2006, 41, 1126-1135.	2.8	34
77	Preferences and Food Quality of Fruit-Feeding Butterflies in Kibale Forest, Uganda. Biotropica, 2005, 37, 657-663.	1.6	33
78	Genetic diversity and Wolbachia infection of the <i>Drosophila</i> parasitoid <i>Leptopilina clavipes</i> in western Europe. Molecular Ecology, 2004, 13, 1119-1128.	3.9	32
79	Increased Life Span in a Polyphenic Butterfly Artificially Selected for Starvation Resistance. American Naturalist, 2008, 171, 81-90.	2.1	32
80	The effect of male sodium diet and mating history on female reproduction in the puddling squinting bush brown <i>Bicyclus anynana</i> (Lepidoptera). Behavioral Ecology and Sociobiology, 2004, 56, 404.	1.4	28
81	<i>C. elegans</i> DAF-12, Nuclear Hormone Receptors and human longevity and disease at old age. Ageing Research Reviews, 2005, 4, 351-371.	10.9	28
82	Consequences of artificial selection on pre-adult development for adult lifespan under benign conditions in the butterfly <i>Bicyclus anynana</i> . Mechanisms of Ageing and Development, 2006, 127, 802-807.	4.6	28
83	Local Fitness Landscapes Predict Yeast Evolutionary Dynamics in Directionally Changing Environments. Genetics, 2018, 208, 307-322.	2.9	27
84	Linking Development and Aging. Science of Aging Knowledge Environment: SAGE KE, 2003, 2003, 32pe-32.	0.8	27
85	SIMULTANEOUS SELECTION ON TWO FITNESS-RELATED TRAITS IN THE BUTTERFLY <i>BICYCLUS ANYNANA</i> . Evolution; International Journal of Organic Evolution, 2003, 57, 1852-1862.	2.3	26
86	Genomics of Adaptation Depends on the Rate of Environmental Change in Experimental Yeast Populations. Molecular Biology and Evolution, 2017, 34, 2613-2626.	8.9	24
87	Phenotypic plasticity and the evolution of azole resistance in <i>Aspergillus fumigatus</i> ; an expression profile of clinical isolates upon exposure to itraconazole. BMC Genomics, 2019, 20, 28.	2.8	24
88	Cytogenetic Characterization and AFLP-Based Genetic Linkage Mapping for the Butterfly <i>Bicyclus anynana</i> , Covering All 28 Karyotyped Chromosomes. PLoS ONE, 2008, 3, e3882.	2.5	24
89	Amino acid sources in the adult diet do not affect life span and fecundity in the fruit-feeding butterfly <i>Bicyclus anynana</i> . Ecological Entomology, 2008, 33, 429-438.	2.2	23
90	Enrichment of G4DNA and a Large Inverted Repeat Coincide in the Mitochondrial Genomes of Termitomyces. Genome Biology and Evolution, 2019, 11, 1857-1869.	2.5	23

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91	Adaptation to developmental diet influences the response to selection on age at reproduction in the fruit fly. <i>Journal of Evolutionary Biology</i> , 2019, 32, 425-437.	1.7	23
92	Nutritional Composition and Microbial Communities of Two Non-alcoholic Traditional Fermented Beverages from Zambia: A Study of Mabisi and Munkoyo. <i>Nutrients</i> , 2020, 12, 1628.	4.1	23
93	The Genetic Basis of Male Fertility in Relation to Haplodiploid Reproduction in <i>Leptopilina clavipes</i> (Hymenoptera: Figitidae). <i>Genetics</i> , 2004, 168, 341-349.	2.9	22
94	Geographic variation in host selection behaviour in the <i>Drosophila</i> parasitoid <i>Leptopilina clavipes</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 127, 48-54.	1.4	22
95	Adult diet affects lifespan and reproduction of the fruit-feeding butterfly <i>Charaxes fulvescens</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 54-65.	1.4	22
96	Experimental evolution to increase the efficacy of the entomopathogenic fungus <i>Beauveria bassiana</i> against malaria mosquitoes: Effects on mycelial growth and virulence. <i>Evolutionary Applications</i> , 2017, 10, 433-443.	3.1	22
97	Multitrait evolution in lines of <i>Drosophila melanogaster</i> selected for increased starvation resistance: the role of metabolic rate and implications for the evolution of longevity. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1435-44.	2.3	21
98	On the fate of seasonally plastic traits in a rainforest butterfly under relaxed selection. <i>Ecology and Evolution</i> , 2014, 4, 2654-2667.	1.9	20
99	Distinct genomic signals of lifespan and life history evolution in response to postponed reproduction and larval diet in <i>Drosophila</i> . <i>Evolution Letters</i> , 2019, 3, 598-609.	3.3	20
100	Dynamics of <i>Aspergillus fumigatus</i> in Azole Fungicide-Containing Plant Waste in the Netherlands (2016–2017). <i>Applied and Environmental Microbiology</i> , 2021, 87, .	3.1	20
101	Quantitative genetic analysis of responses to larval food limitation in a polyphenic butterfly indicates environment- and trait-specific effects. <i>Ecology and Evolution</i> , 2013, 3, 3576-3589.	1.9	19
102	Relating past and present diet to phenotypic and transcriptomic variation in the fruit fly. <i>BMC Genomics</i> , 2017, 18, 640.	2.8	19
103	Changed gene expression for candidate ageing genes in long-lived <i>Bicyclus anynana</i> butterflies. <i>Experimental Gerontology</i> , 2011, 46, 426-434.	2.8	18
104	STARVATION RESISTANCE AND ADULT BODY COMPOSITION IN A LATITUDINAL CLINE OF <i>DROSOPHILA MELANOGASTER</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000, 54, 1819.	2.3	17
105	Realized correlated responses to artificial selection on pre-adult life-history traits in a butterfly. <i>Heredity</i> , 2007, 98, 157-164.	2.6	17
106	Genomic studies in ageing research: the need to integrate genetic and gene expression approaches. <i>Journal of Internal Medicine</i> , 2008, 263, 153-166.	6.0	17
107	Culture and Propagation of Laboratory Populations of the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5203-pdb.prot5203.	0.3	17
108	Relevance of heterokaryosis for adaptation and azole-resistance development in <i>Aspergillus fumigatus</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019, 286, 20182886.	2.6	15

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109	Predictive modelling of complex agronomic and biological systems. <i>Plant, Cell and Environment</i> , 2013, 36, 1700-1710.	5.7	14
110	Potential contribution of cereal and milk based fermented foods to dietary nutrient intake of 1-5 years old children in Central province in Zambia. <i>PLoS ONE</i> , 2020, 15, e0232824.	2.5	14
111	Footprints of selection in wild populations of <i>Bicyclus anynana</i> along a latitudinal cline. <i>Molecular Ecology</i> , 2013, 22, 341-353.	3.9	13
112	Jekyll or Hyde? The genome (and more) of <i>Nesidiocoris tenuis</i> , a zoophytophagous predatory bug that is both a biological control agent and a pest. <i>Insect Molecular Biology</i> , 2021, 30, 188-209.	2.0	12
113	The long-term effects of genomic selection: 1. Response to selection, additive genetic variance, and genetic architecture. <i>Genetics Selection Evolution</i> , 2022, 54, 19.	3.0	11
114	Potential constraints on evolution: sexual dimorphism and the problem of protandry in the butterfly <i>Bicyclus anynana</i> . <i>Journal of Genetics</i> , 2008, 87, 395-405.	0.7	10
115	Pervasive gene expression responses to a fluctuating diet in <i>Drosophila melanogaster</i> : The importance of measuring multiple traits to decouple potential mediators of life span and reproduction. <i>Evolution; International Journal of Organic Evolution</i> , 2017, 71, 2572-2583.	2.3	10
116	Do aphids in Dutch sweet pepper greenhouses carry heritable elements that protect them against biocontrol parasitoids?. <i>Evolutionary Applications</i> , 2022, 15, 1580-1593.	3.1	10
117	In Situ Hybridization of Embryos and Larval and Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5208.	0.3	9
118	Fixation and Dissection of Embryos from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5206.	0.3	8
119	Dissection of Larval and Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5207-pdb.prot5207.	0.3	8
120	Socioeconomic status determines sex-dependent survival of human offspring. <i>Evolution, Medicine and Public Health</i> , 2013, 2013, 37-45.	2.5	8
121	The genome of the live-bearing fish <i>Heterandria formosa</i> implicates a role of conserved vertebrate genes in the evolution of placental fish. <i>BMC Evolutionary Biology</i> , 2019, 19, 156.	3.2	7
122	Asexual and sexual reproduction are two separate developmental pathways in a <i>Termitomyces</i> species. <i>Biology Letters</i> , 2020, 16, 20200394.	2.3	7
123	Genetic analysis reveals three novel QTLs underpinning a butterfly egg-induced hypersensitive response-like cell death in <i>Brassica rapa</i> . <i>BMC Plant Biology</i> , 2022, 22, 140.	3.6	7
124	Immunohistochemistry Staining of Embryos from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5209.	0.3	6
125	Does autophagy mediate age-dependent effect of dietary restriction responses in the filamentous fungus <i>Podospira anserina</i> ? <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130447.	4.0	6
126	The plastic fly: the effect of sustained fluctuations in adult food supply on life history traits. <i>Journal of Evolutionary Biology</i> , 2014, 27, 2322-2333.	1.7	6

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127	Quantitative genetics of wing morphology in the parasitoid wasp <i>Nasonia vitripennis</i> : hosts increase sibling similarity. <i>Heredity</i> , 2020, 125, 40-49.	2.6	6
128	Genetic responsiveness of African buffalo to environmental stressors: A role for epigenetics in balancing autosomal and sex chromosome interactions?. <i>PLoS ONE</i> , 2018, 13, e0191481.	2.5	6
129	Towards a new synthesis. <i>Trends in Ecology and Evolution</i> , 1999, 14, 84-85.	8.7	5
130	Growing more positive with age: The relationship between reproduction and survival in aging flies. <i>Experimental Gerontology</i> , 2017, 90, 34-42.	2.8	4
131	Positive Selection of Deleterious Alleles through Interaction with a Sex-Ratio Suppressor Gene in African Buffalo: A Plausible New Mechanism for a High Frequency Anomaly. <i>PLoS ONE</i> , 2014, 9, e111778.	2.5	4
132	Life history of <i>Bicyclus anynana</i> mutants: Can they serve as internal controls?. <i>Entomologia Experimentalis Et Applicata</i> , 2002, 102, 87-92.	1.4	3
133	MULTITRAIT EVOLUTION IN LINES OF <i>DROSOPHILA MELANOGASTER</i> SELECTED FOR INCREASED STARVATION RESISTANCE: THE ROLE OF METABOLIC RATE AND IMPLICATIONS FOR THE EVOLUTION OF LONGEVITY. <i>Evolution; International Journal of Organic Evolution</i> , 2006, 60, 1435.	2.3	3
134	Fresh Weight, Dry Weight, and Fat Content of Adult African Butterflies <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5212-pdb.prot5212.	0.3	2
135	Constant Volume Respirometry in the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5213.	0.3	2
136	Surgical Manipulations on Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> : Damage and Cauteries. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5204-pdb.prot5204.	0.3	2
137	Immunohistochemistry Staining of Wing Discs from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5210-pdb.prot5210.	0.3	2
138	Why Some Fungi Senesce and Others Do Not. , 2017, , 341-361.		2
139	<i>Bracon brevicornis</i> Genome Showcases the Potential of Linked-Read Sequencing in Identifying a Putative Complementary Sex Determiner Gene. <i>Genes</i> , 2020, 11, 1390.	2.4	2
140	A continent-wide high genetic load in African buffalo revealed by clines in the frequency of deleterious alleles, genetic hitchhiking and linkage disequilibrium. <i>PLoS ONE</i> , 2021, 16, e0259685.	2.5	2
141	Injection of Chemicals into Pupae of the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5215.	0.3	1
142	Surgical Manipulations on Pupal Wings from the African Butterfly <i>Bicyclus anynana</i> : Grafts. <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5205.	0.3	1
143	Extraction and Gas Chromatography Analysis of Adult Pheromones from the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5211-pdb.prot5211.	0.3	1
144	Hemolymph Extraction from Various Developmental Stages of the African Butterfly <i>Bicyclus anynana</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5214-pdb.prot5214.	0.3	1

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145	Genetic variants determining survival and fertility in an adverse African environment: a population-based large-scale candidate gene association study. <i>Aging</i> , 2016, 8, 1364-1383.	3.1	1
146	SIMULTANEOUS SELECTION ON TWO FITNESS-RELATED TRAITS IN THE BUTTERFLY BICYCLUS ANYNANA. <i>Evolution; International Journal of Organic Evolution</i> , 2003, 57, 1852.	2.3	0