

H Frederik Nijhout

List of Publications by Year in descending order

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Version: 2024-02-01

144
papers

10,877
citations

36203

51
h-index

32761

100
g-index

148
all docs

148
docs citations

148
times ranked

7731
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating old truths: Final adult size in holometabolous insects is set by the end of larval development. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2023, 340, 270-276.	0.6	2
2	The development of shape. Modular control of growth in the lepidopteran forewing. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2022, 338, 170-180.	0.6	1
3	The genetic control paradigm in biology: What we say, and what we are entitled to mean. <i>Progress in Biophysics and Molecular Biology</i> , 2022, 169-170, 89-93.	1.4	4
4	Spiracular fluttering decouples oxygen uptake and water loss: a stochastic PDE model of respiratory water loss in insects. <i>Journal of Mathematical Biology</i> , 2022, 84, 40.	0.8	0
5	Voltammetric Approach for Characterizing the Biophysical and Chemical Functionality of Human Induced Pluripotent Stem Cell-Derived Serotonin Neurons. <i>Analytical Chemistry</i> , 2022, 94, 8847-8856.	3.2	3
6	The roles of growth regulation and appendage patterning genes in the morphogenesis of treehopper pronota. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2022, 289, .	1.2	5
7	Inflammation-Induced Histamine Impairs the Capacity of Escitalopram to Increase Hippocampal Extracellular Serotonin. <i>Journal of Neuroscience</i> , 2021, 41, 6564-6577.	1.7	26
8	Genetic assimilation and accommodation: Models and mechanisms. <i>Current Topics in Developmental Biology</i> , 2021, 141, 337-369.	1.0	17
9	One-carbon metabolism during the menstrual cycle and pregnancy. <i>PLoS Computational Biology</i> , 2021, 17, e1009708.	1.5	2
10	Fast serotonin voltammetry as a versatile tool for mapping dynamic tissue architecture: I. Responses at carbon fibers describe local tissue physiology. <i>Journal of Neurochemistry</i> , 2020, 153, 33-50.	2.1	28
11	Regulation of phenotypic plasticity from the perspective of evolutionary developmental biology. , 2020, , 403-442.		4
12	Mechanism of threshold size assessment: Metamorphosis is triggered by the TGF-beta/Activin ligand Myoglianin. <i>Insect Biochemistry and Molecular Biology</i> , 2020, 126, 103452.	1.2	18
13	Autoreceptor control of serotonin dynamics. <i>BMC Neuroscience</i> , 2020, 21, 40.	0.8	5
14	Spiracular fluttering increases oxygen uptake. <i>PLoS ONE</i> , 2020, 15, e0232450.	1.1	3
15	Diverse nanostructures underlie thin ultra-black scales in butterflies. <i>Nature Communications</i> , 2020, 11, 1294.	5.8	36
16	Anteriorâ€“Posterior Patterning in Lepidopteran Wings. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	10
17	Origin of the mechanism of phenotypic plasticity in satyrid butterfly eyespots. <i>ELife</i> , 2020, 9, .	2.8	31
18	Voltammetric evidence for discrete serotonin circuits, linked to specific reuptake domains, in the mouse medial prefrontal cortex. <i>Neurochemistry International</i> , 2019, 123, 50-58.	1.9	27

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19	Allometry, Scaling, and Ontogeny of Form—An Introduction to the Symposium. Integrative and Comparative Biology, 2019, 59, 1275-1280.	0.9	6
20	Exploring the Role of Insulin Signaling in Relative Growth: A Case Study on Wing-Body Scaling in Lepidoptera. Integrative and Comparative Biology, 2019, 59, 1324-1337.	0.9	10
21	Contrasting Roles of Transcription Factors Spineless and EcR in the Highly Dynamic Chromatin Landscape of Butterfly Wing Metamorphosis. Cell Reports, 2019, 27, 1027-1038.e3.	2.9	32
22	In vivo Hippocampal Serotonin Dynamics in Male and Female Mice: Determining Effects of Acute Escitalopram Using Fast Scan Cyclic Voltammetry. Frontiers in Neuroscience, 2019, 13, 362.	1.4	46
23	Expanding the nymphalid groundplan's domain of applicability: pattern homologies in an arctiid moth (<i>Utetheisa ornatrix</i>). Biological Journal of the Linnean Society, 2019, 126, 912-924.	0.7	10
24	The multistep morphing of beetle horns. Science, 2019, 366, 946-947.	6.0	1
25	Larval Development: Making Ants into Soldiers. Current Biology, 2019, 29, R32-R34.	1.8	4
26	Systems biology of robustness and homeostatic mechanisms. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2019, 11, e1440.	6.6	31
27	Hormonal control of growth in the wing imaginal disks of <i>Junonia coenia</i> : the relative contributions of insulin and ecdysone. Development (Cambridge), 2018, 145, .	1.2	19
28	Wing morphogenesis in Lepidoptera. Progress in Biophysics and Molecular Biology, 2018, 137, 88-94.	1.4	8
29	The distinct roles of insulin signaling in polyphenic development. Current Opinion in Insect Science, 2018, 25, 58-64.	2.2	26
30	Unmodern Synthesis: Developmental Hierarchies and the Origin of Phenotypes. BioEssays, 2018, 40, 1600265.	1.2	15
31	Sex differences in hepatic one-carbon metabolism. BMC Systems Biology, 2018, 12, 89.	3.0	43
32	The Origin of Novelty Through the Evolution of Scaling Relationships. Integrative and Comparative Biology, 2017, 57, 1322-1333.	0.9	7
33	Analysis of Homeostatic Mechanisms in Biochemical Networks. Bulletin of Mathematical Biology, 2017, 79, 2534-2557.	0.9	29
34	Systems Biology of Phenotypic Robustness and Plasticity. Integrative and Comparative Biology, 2017, 57, 171-184.	0.9	61
35	A Possible Link Between Pyriproxyfen and Microcephaly. PLOS Currents, 2017, 9, .	1.4	16
36	Mathematical Models of Neuromodulation and Implications for Neurology and Psychiatry. Springer Series in Bio-/neuroinformatics, 2017, , 191-225.	0.1	1

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37	A voltammetric and mathematical analysis of histaminergic modulation of serotonin in the mouse hypothalamus. <i>Journal of Neurochemistry</i> , 2016, 138, 374-383.	2.1	24
38	Synergism and Antagonism of Proximate Mechanisms Enable and Constrain the Response to Simultaneous Selection on Body Size and Development Time: An Empirical Test Using Experimental Evolution. <i>American Naturalist</i> , 2016, 188, 499-520.	1.0	29
39	Mathematical modeling of perfusion cell culture experiments on GnRH signaling. <i>Mathematical Biosciences</i> , 2016, 276, 121-132.	0.9	1
40	Using mathematical models to understand metabolism, genes, and disease. <i>BMC Biology</i> , 2015, 13, 79.	1.7	28
41	Mathematical analysis of the regulation of competing methyltransferases. <i>BMC Systems Biology</i> , 2015, 9, 69.	3.0	21
42	A Quantitative Analysis of Growth and Size Regulation in <i>Manduca sexta</i> : The Physiological Basis of Variation in Size and Age at Metamorphosis. <i>PLoS ONE</i> , 2015, 10, e0127988.	1.1	48
43	A Developmental-Physiological Perspective on the Development and Evolution of Phenotypic Plasticity. <i>Boston Studies in the Philosophy and History of Science</i> , 2015, , 147-173.	0.4	7
44	Big or fast: two strategies in the developmental control of body size. <i>BMC Biology</i> , 2015, 13, 57.	1.7	22
45	Two insulin receptors determine alternative wing morphs in planthoppers. <i>Nature</i> , 2015, 519, 464-467.	13.7	367
46	Developmental Mechanisms of Body Size and Wing-Body Scaling in Insects. <i>Annual Review of Entomology</i> , 2015, 60, 141-156.	5.7	91
47	To plasticity and back again. <i>ELife</i> , 2015, 4, .	2.8	10
48	Metabolic Networks, Modeling. , 2015, , 895-903.		0
49	Voltammetric and mathematical evidence for dual transport mediation of serotonin clearance <i>in vivo</i> . <i>Journal of Neurochemistry</i> , 2014, 130, 351-359.	2.1	53
50	The developmental control of size in insects. <i>Wiley Interdisciplinary Reviews: Developmental Biology</i> , 2014, 3, 113-134.	5.9	239
51	The development of wing shape in Lepidoptera: mitotic density, not orientation, is the primary determinant of shape. <i>Evolution & Development</i> , 2014, 16, 68-77.	1.1	23
52	Homeostasis and Dynamic Stability of the Phenotype Link Robustness and Plasticity. <i>Integrative and Comparative Biology</i> , 2014, 54, 264-275.	0.9	29
53	Escape from homeostasis. <i>Mathematical Biosciences</i> , 2014, 257, 104-110.	0.9	34
54	Mathematical modeling of the effects of glutathione on arsenic methylation. <i>Theoretical Biology and Medical Modelling</i> , 2014, 11, 20.	2.1	15

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55	Targeted metabolomics and mathematical modeling demonstrate that vitamin B-6 restriction alters one-carbon metabolism in cultured HepG2 cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E93-E101.	1.8	13
56	Plasticity of insect body size in response to oxygen: integrating molecular and physiological mechanisms. <i>Current Opinion in Insect Science</i> , 2014, 1, 59-65.	2.2	19
57	Body size determination in insects: a review and synthesis of size- and brain-dependent and independent mechanisms. <i>Biological Reviews</i> , 2013, 88, 944-954.	4.7	72
58	A Mathematical Model of Tryptophan Metabolism via the Kynurenine Pathway Provides Insights into the Effects of Vitamin B-6 Deficiency, Tryptophan Loading, and Induction of Tryptophan 2,3-Dioxygenase on Tryptophan Metabolites. <i>Journal of Nutrition</i> , 2013, 143, 1509-1519.	1.3	35
59	The relationship between intracellular and plasma levels of folate and metabolites in the methionine cycle: A model. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 628-636.	1.5	33
60	Development of polyploidy of scale-building cells in the wings of <i>Manduca sexta</i> . <i>Arthropod Structure and Development</i> , 2013, 42, 37-46.	0.8	25
61	A new mathematical approach for qualitative modeling of the insulin-TOR-MAPK network. <i>Frontiers in Physiology</i> , 2013, 4, 245.	1.3	39
62	A Population Model of Folate-Mediated One-Carbon Metabolism. <i>Nutrients</i> , 2013, 5, 2457-2474.	1.7	31
63	The biochemistry of acetaminophen hepatotoxicity and rescue: a mathematical model. <i>Theoretical Biology and Medical Modelling</i> , 2012, 9, 55.	2.1	70
64	Mathematical Insights into the Effects of Levodopa. <i>Frontiers in Integrative Neuroscience</i> , 2012, 6, 21.	1.0	29
65	Developmental Causes of Allometry: New Models and Implications for Phenotypic Plasticity and Evolution. <i>Integrative and Comparative Biology</i> , 2012, 52, 43-52.	0.9	36
66	PREDICTING THE RESPONSE TO SIMULTANEOUS SELECTION: GENETIC ARCHITECTURE AND PHYSIOLOGICAL CONSTRAINTS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 2916-2928.	1.1	22
67	Supply-Side Constraints Are Insufficient to Explain the Ontogenetic Scaling of Metabolic Rate in the Tobacco Hornworm, <i>Manduca sexta</i> . <i>PLoS ONE</i> , 2012, 7, e45455.	1.1	26
68	Mathematical model gives insights into vitamin B6 and kynurenine metabolism. <i>FASEB Journal</i> , 2012, 26, 1020.5.	0.2	0
69	Control of body size by oxygen supply reveals size-dependent and size-independent mechanisms of molting and metamorphosis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 14664-14669.	3.3	152
70	Dependence of morphometric allometries on the growth kinetics of body parts. <i>Journal of Theoretical Biology</i> , 2011, 288, 35-43.	0.8	20
71	Mathematical model insights into arsenic detoxification. <i>Theoretical Biology and Medical Modelling</i> , 2011, 8, 31.	2.1	18
72	Mathematical Modeling Predicts the Effect of Folate Deficiency and Excess on Cancer-Related Biomarkers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2011, 20, 1912-1917.	1.1	25

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73	The biological significance of substrate inhibition: A mechanism with diverse functions. <i>BioEssays</i> , 2010, 32, 422-429.	1.2	272
74	Serotonin synthesis, release and reuptake in terminals: a mathematical model. <i>Theoretical Biology and Medical Modelling</i> , 2010, 7, 34.	2.1	110
75	Developmental constraints on the evolution of wing-body allometry in <i>Manduca sexta</i> . <i>Evolution & Development</i> , 2010, 12, 592-600.	1.1	38
76	A Switch in the Control of Growth of the Wing Imaginal Disks of <i>Manduca sexta</i> . <i>PLoS ONE</i> , 2010, 5, e10723.	1.1	38
77	Evolutionary divergence of field and laboratory populations of <i>Manduca sexta</i> in response to host-plant quality. <i>Ecological Entomology</i> , 2010, 35, 166-174.	1.1	22
78	Molecular and Physiological Basis of Colour Pattern Formation. <i>Advances in Insect Physiology</i> , 2010, , 219-265.	1.1	48
79	The Cellular and Physiological Mechanism of Wing-Body Scaling in <i>Manduca sexta</i> . <i>Science</i> , 2010, 330, 1693-1695.	6.0	65
80	Conflicting processes in the evolution of body size and development time. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 567-575.	1.8	72
81	A Mathematical Model Gives Insights into the Effects of Vitamin B-6 Deficiency on 1-Carbon and Glutathione Metabolism. <i>Journal of Nutrition</i> , 2009, 139, 784-791.	1.3	39
82	Homeostatic mechanisms in dopamine synthesis and release: a mathematical model. <i>Theoretical Biology and Medical Modelling</i> , 2009, 6, 21.	2.1	102
83	Passive and active stabilization of dopamine in the striatum. <i>Bioscience Hypotheses</i> , 2009, 2, 240-244.	0.2	20
84	Developmental Phenotypic Landscapes. <i>Evolutionary Biology</i> , 2008, 35, 100-103.	0.5	5
85	A mathematical model of glutathione metabolism. <i>Theoretical Biology and Medical Modelling</i> , 2008, 5, 8.	2.1	131
86	Modeling folate, one-carbon metabolism, and DNA methylation. <i>Nutrition Reviews</i> , 2008, 66, S27-S30.	2.6	49
87	Constraint and developmental dissociation of phenotypic integration in a genetically accommodated trait. <i>Evolution & Development</i> , 2008, 10, 690-699.	1.1	11
88	A mathematical model for the regulation of juvenile hormone titers. <i>Journal of Insect Physiology</i> , 2008, 54, 255-264.	0.9	19
89	Size Matters (but So Does Time), and It's OK to Be Different. <i>Developmental Cell</i> , 2008, 15, 491-492.	3.1	19
90	Mathematical Modeling of Folate Metabolism: Predicted Effects of Genetic Polymorphisms on Mechanisms and Biomarkers Relevant to Carcinogenesis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2008, 17, 1822-1831.	1.1	45

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91	Environment and Genetic Accommodation. <i>Biological Theory</i> , 2008, 3, 204-212.	0.8	5
92	A Day in the Life of Cell Metabolism. <i>Biological Theory</i> , 2007, 2, 124-127.	0.8	4
93	Flavin-Dependent Thymidylate Synthase ThyX Activity: Implications for the Folate Cycle in Bacteria. <i>Journal of Bacteriology</i> , 2007, 189, 8537-8545.	1.0	30
94	The control of growth and differentiation of the wing imaginal disks of <i>Manduca sexta</i> . <i>Developmental Biology</i> , 2007, 302, 569-576.	0.9	82
95	Size and shape: the developmental regulation of static allometry in insects. <i>BioEssays</i> , 2007, 29, 536-548.	1.2	304
96	Cryptic variation in butterfly eyespot development: the importance of sample size in gene expression studies. <i>Evolution & Development</i> , 2007, 9, 2-9.	1.1	41
97	Propagation of Fluctuations in Biochemical Systems, I: Linear SSC Networks. <i>Bulletin of Mathematical Biology</i> , 2007, 69, 1791-1813.	0.9	14
98	Evolution of a Polyphenism by Genetic Accommodation. <i>Science</i> , 2006, 311, 650-652.	6.0	358
99	A Mathematical Model Gives Insights into Nutritional and Genetic Aspects of Folate-Mediated One-Carbon Metabolism. <i>Journal of Nutrition</i> , 2006, 136, 2653-2661.	1.3	126
100	In silico experimentation with a model of hepatic mitochondrial folate metabolism. <i>Theoretical Biology and Medical Modelling</i> , 2006, 3, 40.	2.1	51
101	Neural Tube Defects and Folate Pathway Genes: Family-Based Association Tests of Gene-Gene and Gene-Environment Interactions. <i>Environmental Health Perspectives</i> , 2006, 114, 1547-1552.	2.8	105
102	Mathematical Modeling: Epidemiology Meets Systems Biology. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 827-829.	1.1	26
103	Long-Range Allosteric Interactions between the Folate and Methionine Cycles Stabilize DNA Methylation Reaction Rate. <i>Epigenetics</i> , 2006, 1, 81-87.	1.3	84
104	A Physiological Perspective on the Response of Body Size and Development Time to Simultaneous Directional Selection. <i>Integrative and Comparative Biology</i> , 2005, 45, 525-531.	0.9	59
105	A Mathematical Model of the Folate Cycle. <i>Journal of Biological Chemistry</i> , 2004, 279, 55008-55016.	1.6	181
106	A mathematical model of the methionine cycle. <i>Journal of Theoretical Biology</i> , 2004, 226, 33-43.	0.8	86
107	The Physiological Basis of Reaction Norms: The Interaction Among Growth Rate, the Duration of Growth and Body Size. <i>Integrative and Comparative Biology</i> , 2004, 44, 443-449.	0.9	178
108	Trade-offs during the Development of Primary and Secondary Sexual Traits in a Horned Beetle. <i>American Naturalist</i> , 2004, 163, 184-191.	1.0	143

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109	Development and evolution of adaptive polyphenisms. <i>Evolution & Development</i> , 2003, 5, 9-18.	1.1	523
110	Critical weight in the development of insect body size. <i>Evolution & Development</i> , 2003, 5, 188-197.	1.1	285
111	Rapid evolution of a polyphenic threshold. <i>Evolution & Development</i> , 2003, 5, 259-268.	1.1	133
112	Polymorphic mimicry in <i>Papilio dardanus</i> : mosaic dominance, big effects, and origins. <i>Evolution & Development</i> , 2003, 5, 579-592.	1.1	66
113	Pigmentation pattern formation in butterflies: experiments and models. <i>Comptes Rendus - Biologies</i> , 2003, 326, 717-727.	0.1	56
114	The control of body size in insects. <i>Developmental Biology</i> , 2003, 261, 1-9.	0.9	323
115	The control of growth. <i>Development (Cambridge)</i> , 2003, 130, 5863-5867.	1.2	84
116	Nonlinear partial differential equations and applications: Bombyxin is a growth factor for wing imaginal disks in Lepidoptera. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 15446-15450.	3.3	166
117	Developmental mechanisms of threshold evolution in a polyphenic beetle. <i>Evolution & Development</i> , 2002, 4, 252-264.	1.1	125
118	Food availability controls the onset of metamorphosis in the dung beetle <i>Onthophagus taurus</i> (Coleoptera: Scarabaeidae). <i>Physiological Entomology</i> , 2001, 26, 173-180.	0.6	162
119	The developmental and physiological basis of body size evolution in an insect. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2001, 268, 1589-1593.	1.2	130
120	Control of growth and differentiation of the wing imaginal disk of <i>Precis coenia</i> (Lepidoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302	0.9	48
121	The Development and Evolution of Exaggerated Morphologies in Insects. <i>Annual Review of Entomology</i> , 2000, 45, 661-708.	5.7	411
122	Ultrabithorax function in butterfly wings and the evolution of insect wing patterns. <i>Current Biology</i> , 1999, 9, 109-115.	1.8	208
123	Control Mechanisms of Polyphenic Development in Insects. <i>BioScience</i> , 1999, 49, 181-192.	2.2	332
124	GENETICS OF FLUCTUATING ASYMMETRY: A DEVELOPMENTAL MODEL OF DEVELOPMENTAL INSTABILITY. <i>Evolution; International Journal of Organic Evolution</i> , 1999, 53, 358-375.	1.1	102
125	Competition among growing organs and developmental control of morphological asymmetry. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998, 265, 1135-1139.	1.2	92
126	Developmental Models and Polygenic Characters. <i>American Naturalist</i> , 1997, 149, 394-405.	1.0	70

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127	Developmental Perspectives on Evolution of Butterfly Mimicry. <i>BioScience</i> , 1994, 44, 148-157.	2.2	38
128	Symmetry systems and compartments in Lepidopteran wings: the evolution of a patterning mechanism. <i>Development</i> (Cambridge), 1994, 1994, 225-233.	1.2	36
129	PHENOTYPIC CORRELATION STRUCTURE AMONG ELEMENTS OF THE COLOR PATTERN IN <i>Precis coenia</i> (LEPIDOPTERA: NYMPHALIDAE). <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 593-618.	1.1	41
130	Phenotypic Correlations Structure among Elements of the Color Pattern in <i>Precis coenia</i> (Lepidoptera: Nymphalidae). <i>Evolution; International Journal of Organic Evolution</i> , 1993, 47, 593.	1.1	32
131	An analysis of the phenotypic effects of certain colour pattern genes in <i>Heliconius</i> (Lepidoptera:) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.7	36
132	Color pattern specific proteins in black scales in developing wings of <i>Precis coenia</i> (Nymphalidae, Lepidoptera). <i>Roux's Archives of Developmental Biology</i> , 1990, 199, 289-294.	1.2	5
133	Homologies in the colour patterns of the genus <i>Heliconius</i> (Lepidoptera: Nymphalidae). <i>Biological Journal of the Linnean Society</i> , 1988, 33, 345-365.	0.7	44
134	Soldier determination in <i>Pheidole bicarinata</i> : Inhibition by adult soldiers. <i>Journal of Insect Physiology</i> , 1984, 30, 127-135.	0.9	94
135	Soldier determination in <i>Pheidole bicarinata</i> : Effect of methoprene on caste and size within castes. <i>Journal of Insect Physiology</i> , 1983, 29, 847-854.	0.9	91
136	Juvenile Hormone and the Physiological Basis of Insect Polymorphisms. <i>Quarterly Review of Biology</i> , 1982, 57, 109-133.	0.0	357
137	Imaginal wing discs in larvae of the soldier caste of <i>Pheidole bicarinata vinelandica</i> Forel (Hymenoptera : Formicidae). <i>Arthropod Structure and Development</i> , 1981, 10, 131-139.	0.4	30
138	Pattern formation on lepidopteran wings: Determination of an eyespot. <i>Developmental Biology</i> , 1980, 80, 267-274.	0.9	212
139	Ontogeny of the color pattern on the wings of <i>Precis coenia</i> (Lepidoptera: Nymphalidae). <i>Developmental Biology</i> , 1980, 80, 275-288.	0.9	83
140	The role of ecdysone in pupation of <i>Manduca sexta</i> . <i>Journal of Insect Physiology</i> , 1976, 22, 453-463.	0.9	112
141	DYNAMICS OF JUVENILE HORMONE ACTION IN LARVAE OF THE TOBACCO HORNWORM, <i>MANDUCA SEXTA</i> (L.). <i>Biological Bulletin</i> , 1975, 149, 568-579.	0.7	91
142	A THRESHOLD SIZE FOR METAMORPHOSIS IN THE TOBACCO HORNWORM, <i>MANDUCA SEXTA</i> (L.). <i>Biological Bulletin</i> , 1975, 149, 214-225.	0.7	301
143	Control of Moulting and Metamorphosis in the Tobacco Hornworm, <i>Manduca Sexta</i> (L.): Growth of the Last-Instar Larva and the Decision to Pupate. <i>Journal of Experimental Biology</i> , 1974, 61, 481-491.	0.8	328
144	Control of Moulting and Metamorphosis in the Tobacco Hornworm, <i>Manduca Sexta</i> (L.): Cessation of Juvenile Hormone Secretion as A Trigger for Pupation. <i>Journal of Experimental Biology</i> , 1974, 61, 493-501.	0.8	348