

# Peter Hammerstein

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

7,258  
citations

136950

32  
h-index

123424

61  
g-index

67  
all docs

67  
docs citations

67  
times ranked

6056  
citing authors

#	ARTICLE	IF	CITATIONS
1	How many species are infected with Wolbachia? A statistical analysis of current data. FEMS Microbiology Letters, 2008, 281, 215-220.	1.8	1,071
2	Biological markets: supply and demand determine the effect of partner choice in cooperation, mutualism and mating. Behavioral Ecology and Sociobiology, 1994, 35, 1-11.	1.4	798
3	Still a Host of Hosts for Wolbachia: Analysis of Recent Data Suggests That 40% of Terrestrial Arthropod Species Are Infected. PLoS ONE, 2012, 7, e38544.	2.5	784
4	Biological markets. Trends in Ecology and Evolution, 1995, 10, 336-339.	8.7	590
5	Game theory and human evolution: A critique of some recent interpretations of experimental games. Theoretical Population Biology, 2006, 69, 339-348.	1.1	394
6	The asymmetric war of attrition. Journal of Theoretical Biology, 1982, 96, 647-682.	1.7	364
7	The role of asymmetries in animal contests. Animal Behaviour, 1981, 29, 193-205.	1.9	317
8	Bad guys turned nice? A critical assessment of <i>Wolbachia</i> mutualisms in arthropod hosts. Biological Reviews, 2015, 90, 89-111.	10.4	266
9	Darwinian adaptation, population genetics and the streetcar theory of evolution. Journal of Mathematical Biology, 1996, 34, 511-532.	1.9	200
10	Evolution of microbial markets. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1237-1244.	7.1	180
11	Morpho-dynamic changes of mitochondria during ageing of human endothelial cells. Mechanisms of Ageing and Development, 2005, 126, 813-821.	4.6	140
12	Detection vs. selection: integration of genetic, epigenetic and environmental cues in fluctuating environments. Ecology Letters, 2016, 19, 1267-1276.	6.4	117
13	A New Perspective on Developmental Plasticity and the Principles of Adaptive Morph Determination. American Naturalist, 2006, 167, 367-376.	2.1	115
14	Wolbachia and the insect immune system: what reactive oxygen species can tell us about the mechanisms of Wolbachia-host interactions. Frontiers in Microbiology, 2015, 6, 1201.	3.5	113
15	Biological trade and markets. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150101.	4.0	109
16	Payoffs and strategies in territorial contests: ESS analyses of two ecotypes of the spider <i>Agelenopsis aperta</i> . Evolutionary Ecology, 1988, 2, 115-138.	1.2	108
17	A Helminth Immunomodulator Exploits Host Signaling Events to Regulate Cytokine Production in Macrophages. PLoS Pathogens, 2011, 7, e1001248.	4.7	105
18	Revealing the paradox of drug reward in human evolution. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1231-1241.	2.6	99

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19	Cooperation for direct fitness benefits. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2010, 365, 2619-2626.	4.0	96
20	Did Neanderthals and other early humans sing? Seeking the biological roots of music in the territorial advertisements of primates, lions, hyenas, and wolves. <i>Musicae Scientiae</i> , 2009, 13, 291-320.	2.9	95
21	Gaps in Harley's argument on evolutionarily stable learning rules and in the logic of "tit for tat". <i>Behavioral and Brain Sciences</i> , 1984, 7, 115-116.	0.7	92
22	Chapter 28 Game theory and evolutionary biology. <i>Handbook of Game Theory With Economic Applications</i> , 1994, , 929-993.	1.3	90
23	THE EFFECT OF WOLBACHIA VERSUS GENETIC INCOMPATIBILITIES ON REINFORCEMENT AND SPECIATION. <i>Evolution; International Journal of Organic Evolution</i> , 2005, 59, 1607-1619.	2.3	87
24	The cleaner fish market. , 2001, , 146-172.		79
25	The second wave of evolutionary economics in biology. <i>Trends in Ecology and Evolution</i> , 2005, 20, 604-609.	8.7	79
26	Wolbachia-Induced Unidirectional Cytoplasmic Incompatibility and Speciation: Mainland-Island Model. <i>PLoS ONE</i> , 2007, 2, e701.	2.5	75
27	Gestures of Despair and Hope: A View on Deliberate Self-harm From Economics and Evolutionary Biology. <i>Biological Theory</i> , 2008, 3, 123-138.	1.5	62
28	The Effect of Wolbachia on Genetic Divergence between Populations: Models with Two-Way Migration. <i>American Naturalist</i> , 2002, 160, S54-S66.	2.1	60
29	Infection dynamics of different Wolbachia-types within one host population. <i>Journal of Theoretical Biology</i> , 2004, 231, 345-355.	1.7	46
30	Life and Death of an Influential Passenger: Wolbachia and the Evolution of CI-Modifiers by Their Hosts. <i>PLoS ONE</i> , 2009, 4, e4425.	2.5	44
31	On the relevance of mitochondrial fusions for the accumulation of mitochondrial deletion mutants: A modelling study. <i>Aging Cell</i> , 2005, 4, 273-283.	6.7	43
32	"Darwin's corollary" and cytoplasmic incompatibility induced by <i>Cardinium</i> may contribute to speciation in <i>Encarsia</i> wasps (Hymenoptera: Aphelinidae). <i>Evolution; International Journal of Organic Evolution</i> , 2016, 70, 2447-2458.	2.3	43
33	A New Model and Method for Understanding Wolbachia-Induced Cytoplasmic Incompatibility. <i>PLoS ONE</i> , 2011, 6, e19757.	2.5	37
34	Effects of Wolbachia on Genetic Divergence Between Populations: Mainland-Island Model. <i>Integrative and Comparative Biology</i> , 2002, 42, 340-351.	2.0	29
35	Ants on a Turing trail. <i>Nature</i> , 2002, 418, 141-142.	27.8	29
36	Robustness: A Key to Evolutionary Design. <i>Biological Theory</i> , 2006, 1, 90-93.	1.5	26

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37	The neutral effective migration rate in a mainland-island context. <i>Theoretical Population Biology</i> , 2008, 74, 84-92.	1.1	25
38	Adaptation and constraint in the evolution of environmental sex determination. <i>Journal of Theoretical Biology</i> , 2004, 227, 561-570.	1.7	20
39	Evolution of reproductive parasites with direct fitness benefits. <i>Heredity</i> , 2018, 120, 266-281.	2.6	20
40	Mutualism on the move. <i>Nature</i> , 1995, 376, 121-122.	27.8	19
41	Evolutionary Biology and the Strategic View of Ontogeny: Genetic Strategies Provide Robustness and Flexibility in the Life Course. <i>Research in Human Development</i> , 2005, 2, 83-97.	1.3	18
42	We were all young once: an intragenomic perspective on parent-offspring conflict. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20122637.	2.6	17
43	The work of John F. Nash Jr. in game theory: Nobel Seminar, 8 December 1994. <i>Duke Mathematical Journal</i> , 1995, 81, 1.	1.5	15
44	The evolution of social learning and its economic consequences. <i>Journal of Economic Behavior and Organization</i> , 2015, 112, 266-288.	2.0	15
45	Dobzhansky-Muller and Wolbachia-Induced Incompatibilities in a Diploid Genetic System. <i>PLoS ONE</i> , 2014, 9, e95488.	2.5	14
46	Risking Deeper Integration. <i>Biological Theory</i> , 2006, 1, 1-3.	1.5	12
47	Modelling and simulating interleukin-10 production and regulation by macrophages after stimulation with an immunomodulator of parasitic nematodes. <i>FEBS Journal</i> , 2009, 276, 3454-3469.	4.7	11
48	Sociocultural heterogeneity in a common pool resource dilemma. <i>PLoS ONE</i> , 2019, 14, e0210561.	2.5	11
49	Underappreciated features of cultural evolution. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200259.	4.0	11
50	Evolutionary Biology and the Strategic View of Ontogeny: Genetic Strategies Provide Robustness and Flexibility in the Life Course. <i>Research in Human Development</i> , 2005, 2, 83-97.	1.3	10
51	Genes as Cues of Relatedness and Social Evolution in Heterogeneous Environments. <i>PLoS Computational Biology</i> , 2016, 12, e1005006.	3.2	9
52	Ecological Genetic Conflict: Genetic Architecture Can Shift the Balance between Local Adaptation and Plasticity. <i>American Naturalist</i> , 2019, 193, 70-80.	2.1	8
53	A twofold tragedy unfolds. <i>Nature</i> , 1995, 377, 478-478.	27.8	5
54	Evolutionary Game Theory in Biology. <i>Handbook of Game Theory With Economic Applications</i> , 2015, 4, 575-617.	1.3	5

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55	Strategic analysis in evolutionary genetics and the theory of games. <i>Journal of Genetics</i> , 2005, 84, 7-12.	0.7	4
56	The strategy concept and John Maynard Smith's influence on theoretical biology. <i>Biology and Philosophy</i> , 2006, 20, 1041-1050.	1.4	4
57	The Strategic View of Biological Agents. <i>Biological Theory</i> , 2006, 1, 191-194.	1.5	4
58	John Maynard Smith (1920–2004). <i>Nature</i> , 2004, 429, 258-259.	27.8	3
59	Community structure of domesticated pigs in livestock facilities. <i>Preventive Veterinary Medicine</i> , 2021, 188, 105260.	1.9	3
60	The evolution of social learning as phenotypic cue integration. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2021, 376, 20200048.	4.0	3
61	Towards a Darwinian theory of decision making. , 2012, , 7-22.		2
62	Cooperation, with friends or with relatives?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2107652118.	7.1	1
63	Strategic Aspects of Communication. , 2010, , 55-65.		1
64	Biological games. <i>European Economic Review</i> , 1989, 33, 635-644.	2.3	0