Peter Hammerstein

List of Publications by Year
in descending order

64	7,258	136950	123424
papers	citations	32 h-index	61 g-index

67	67	67	6056
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Community structure of domesticated pigs in livestock facilities. Preventive Veterinary Medicine, 2021, 188, 105260.	1.9	3
2	Underappreciated features of cultural evolution. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200259.	4.0	11
3	The evolution of social learning as phenotypic cue integration. Philosophical Transactions of the Royal Society B: Biological Sciences, 2021, 376, 20200048.	4.0	3
4	Cooperation, with friends or with relatives?. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2107652118.	7.1	1
5	Sociocultural heterogeneity in a common pool resource dilemma. PLoS ONE, 2019, 14, e0210561.	2.5	11
6	Ecological Genetic Conflict: Genetic Architecture Can Shift the Balance between Local Adaptation and Plasticity. American Naturalist, 2019, 193, 70-80.	2.1	8
7	Evolution of reproductive parasites with direct fitness benefits. Heredity, 2018, 120, 266-281.	2.6	20
8	Genes as Cues of Relatedness and Social Evolution in Heterogeneous Environments. PLoS Computational Biology, 2016, 12, e1005006.	3.2	9
9	Detection vs. selection: integration of genetic, epigenetic and environmental cues in fluctuating environments. Ecology Letters, 2016, 19, 1267-1276.	6.4	117
10	â€œDarwin's corollaryâ€•and cytoplasmic incompatibility induced by Cardinium may contribute to speciation in Encarsia wasps (Hymenoptera: Aphelinidae). Evolution; International Journal of Organic Evolution, 2016, 70, 2447-2458.	2.3	43
11	Biological trade and markets. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150101.	4.0	109
12	Wolbachia and the insect immune system: what reactive oxygen species can tell us about the mechanisms of Wolbachiaâ€“host interactions. Frontiers in Microbiology, 2015, 6, 1201.	3.5	113
13	Evolutionary Game Theory in Biology. Handbook of Game Theory With Economic Applications, 2015, 4, 575-617.	1.3	5
14	Bad guys turned nice? A critical assessment of Wolbachia mutualisms in arthropod hosts. Biological Reviews, 2015, 90, 89-111.	10.4	266
15	The evolution of social learning and its economic consequences. Journal of Economic Behavior and Organization, 2015, 112, 266-288.	2.0	15
16	Evolution of microbial markets. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1237-1244.	7.1	180
17	Dobzhansky-Muller and Wolbachia-Induced Incompatibilities in a Diploid Genetic System. PLoS ONE, 2014, 9, e95488.	2.5	14
18	We were all young once: an intragenomic perspective on parentâ€“offspring conflict. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20122637.	2.6	17

#	Article	IF	Citations
19	Towards a Darwinian theory of decision making. , 2012, , 7-22.		2
20	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
21	A New Model and Method for Understanding Wolbachia-Induced Cytoplasmic Incompatibility. PLoS ONE, 2011, 6, e19757.	2.5	37
22	A Helminth Immunomodulator Exploits Host Signaling Events to Regulate Cytokine Production in Macrophages. PLoS Pathogens, 2011, 7, e1001248.	4.7	105
23	Cooperation for direct fitness benefits. Philosophical Transactions of the Royal Society B: Biological Sciences, 2010, 365, 2619-2626.	4.0	96
24	Strategic Aspects of Communication. , 2010, , 55-65.		1
25	Did Neanderthals and other early humans sing? Seeking the biological roots of music in the territorial advertisements of primates, lions, hyenas, and wolves. Musicae Scientiae, 2009, 13, 291-320.	2.9	95
26	Modelling and simulating interleukinâ€10 production and regulation by macrophages after stimulation with an immunomodulator of parasitic nematodes. FEBS Journal, 2009, 276, 3454-3469.	4.7	11
27	Life and Death of an Influential Passenger: Wolbachia and the Evolution of CI-Modifiers by Their Hosts. PLoS ONE, 2009, 4, e4425.	2.5	44
28	How many species are infected with Wolbachia? Ã¢Â€Â“ a statistical analysis of current data. FEMS Microbiology Letters, 2008, 281, 215-220.	1.8	1,071
29	The neutral effective migration rate in a mainland-island context. Theoretical Population Biology, 2008, 74, 84-92.	1.1	25
30	Revealing the paradox of drug reward in human evolution. Proceedings of the Royal Society B: Biological Sciences, 2008, 275, 1231-1241.	2.6	99
31	Gestures of Despair and Hope: A View on Deliberate Self-harm From Economics and Evolutionary Biology. Biological Theory, 2008, 3, 123-138.	1.5	62
32	Wolbachia-Induced Unidirectional Cytoplasmic Incompatibility and Speciation: Mainland-Island Model. PLoS ONE, 2007, 2, e701.	2.5	75
33	Game theory and human evolution: A critique of some recent interpretations of experimental games. Theoretical Population Biology, 2006, 69, 339-348.	1.1	394
34	The strategy concept and John Maynard Smithâ€™s influence on theoretical biology. Biology and Philosophy, 2006, 20, 1041-1050.	1.4	4
35	A New Perspective on Developmental Plasticity and the Principles of Adaptive Morph Determination. American Naturalist, 2006, 167, 367-376.	2.1	115
36	Robustness: A Key to Evolutionary Design. Biological Theory, 2006, 1, 90-93.	1.5	26

#	Article	IF	Citations
37	The Strategic View of Biological Agents. Biological Theory, 2006, 1, 191-194.	1.5	4
38	Risking Deeper Integration. Biological Theory, 2006, 1, 1-3.	1.5	12
39	On the relevance of mitochondrial fusions for the accumulation of mitochondrial deletion mutants: A modelling study. Aging Cell, 2005, 4, 273-283.	6.7	43
40	THE EFFECT OF WOLBACHIA VERSUS GENETIC INCOMPATIBILITIES ON REINFORCEMENT AND SPECIATION. Evolution; International Journal of Organic Evolution, 2005, 59, 1607-1619.	2.3	87
41	Morpho-dynamic changes of mitochondria during ageing of human endothelial cells. Mechanisms of Ageing and Development, 2005, 126, 813-821.	4.6	140
42	Strategic analysis in evolutionary genetics and the theory of games. Journal of Genetics, 2005, 84, 7-12.	0.7	4
43	Evolutionary Biology and the Strategic View of Ontogeny: Genetic Strategies Provide Robustness and Flexibility in the Life Course. Research in Human Development, 2005, 2, 83-97.	1.3	18
44	The second wave of evolutionary economics in biology. Trends in Ecology and Evolution, 2005, 20, 604-609.	8.7	79
45	Evolutionary Biology and the Strategic View of Ontogeny: Genetic Strategies Provide Robustness and Flexibility in the Life Course. Research in Human Development, 2005, 2, 83-97.	1.3	10
46	John Maynard Smith (1920â€“2004). Nature, 2004, 429, 258-259.	27.8	3
47	Infection dynamics of different Wolbachia-types within one host population. Journal of Theoretical Biology, 2004, 231, 345-355.	1.7	46
48	Adaptation and constraint in the evolution of environmental sex determination. Journal of Theoretical Biology, 2004, 227, 561-570.	1.7	20
49	The Effect of Wolbachia on Genetic Divergence between Populations: Models with Twoâ€Way Migration. American Naturalist, 2002, 160, S54-S66.	2.1	60
50	Effects of Wolbachia on Genetic Divergence Between Populations: Mainland-Island Model. Integrative and Comparative Biology, 2002, 42, 340-351.	2.0	29
51	Ants on a Turing trail. Nature, 2002, 418, 141-142.	27.8	29
52	The cleaner fish market. , 2001, , 146-172.		79
53	Darwinian adaptation, population genetics and the streetcar theory of evolution. Journal of Mathematical Biology, 1996, 34, 511-532.	1.9	200
54	Mutualism on the move. Nature, 1995, 376, 121-122.	27.8	19

#	Article	IF	Citations
55	A twofold tragedy unfolds. Nature, 1995, 377, 478-478.	27.8	5
56	The work of John F. Nash Jr. in game theory: Nobel Seminar, 8 December 1994. Duke Mathematical Journal, 1995, 81, 1.	1.5	15
57	Biological markets. Trends in Ecology and Evolution, 1995, 10, 336-339.	8.7	590
58	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
59	Chapter 28 Game theory and evolutionary biology. Handbook of Game Theory With Economic Applications, 1994, , 929-993.	1.3	90
60	Biological games. European Economic Review, 1989, 33, 635-644.	2.3	0
61	Payoffs and strategies in territorial contests: ESS analyses of two ecotypes of the spiderAgelenopsis aperta. Evolutionary Ecology, 1988, 2, 115-138.	1.2	108
62	Gaps in Harley's argument on evolutionarily stable learning rules and in the logic of â€œtit for tatâ€• Behavioral and Brain Sciences, 1984, 7, 115-116.	0.7	92
63	The asymmetric war of attrition. Journal of Theoretical Biology, 1982, 96, 647-682.	1.7	364
64	The role of asymmetries in animal contests. Animal Behaviour, 1981, 29, 193-205.	1.9	317