William H Sandholm

List of Publications by Year
in descending order

54 papers	2,580 citations	236925 25 h-index	233421 45 g-index
56 all docs	56 docs citations	56 times ranked	879 citing authors

#	ARTICLE	IF	CITATIONS
1	Large deviations and Stochastic stability in Population Games. Journal of Dynamics and Games, 2022, 9, 569-595.	1.0	0
2	Hamilton-Jacobi Equations with Semilinear Costs and State Constraints, with Applications to Large Deviations in Games. Mathematics of Operations Research, 2022, 47, 72-99.	1.3	3
3	Stochastic dynamics and Edmonds' algorithm. Journal of Dynamics and Games, 2022, 9, 529-546.	1.0	3
4	Schelling redux: An evolutionary dynamic model of residential segregation. Journal of Dynamics and Games, 2022, 9, 373-403.	1.0	4
5	Stability for best experienced payoff dynamics. Journal of Economic Theory, 2020, 185, 104957.	1.1	19
6	Evolutionary Game Theory. , 2020, , 573-608.		21
7	An introduction to ABED: Agent-based simulation of evolutionary game dynamics. Games and Economic Behavior, 2019, 118, 434-462.	0.8	23
8	Best experienced payoff dynamics and cooperation in the centipede game. Theoretical Economics, 2019, 14, 1347-1385.	0.8	20
9	EvoDyn-3s: A Mathematica computable document to analyze evolutionary dynamics in 3-strategy games. SoftwareX, 2018, 7, 226-233.	2.6	14
10	Riemannian game dynamics. Journal of Economic Theory, 2018, 177, 315-364.	1.1	18
11	Sample Path Large Deviations for Stochastic Evolutionary Game Dynamics. Mathematics of Operations Research, 2018, 43, 1348-1377.	1.3	9
12	Evolutionary Game Theory. , 2017, , 1-38.		5
13	Learning in Games via Reinforcement and Regularization. Mathematics of Operations Research, 2016, 41, 1297-1324.	1.3	62
14	Large deviations and stochastic stability in the small noise double limit. Theoretical Economics, 2016, 11, 279-355.	0.8	28
15	Sampling best response dynamics and deterministic equilibrium selection. Theoretical Economics, 2015, 10, 243-281.	0.8	58
16	Population Games and Deterministic Evolutionary Dynamics. Handbook of Game Theory With Economic Applications, 2015, 4, 703-778.	1.3	41
17	Large Deviations and Stochastic Stability in the Small Noise Double Limit, I: Theory. SSRN Electronic Journal, 2014, , .	0.4	0
18	Probabilistic Interpretations of Integrability for Game Dynamics. Dynamic Games and Applications, 2014, 4, 95-106.	1.9	4

#	Article	IF	Citations
19	Local stability of strict equilibria under evolutionary game dynamics. Journal of Dynamics and Games, 2014, 1, 485-495.	1.0	7
20	An Introduction to Dynamo: Diagrams for Evolutionary Game Dynamics. Biological Theory, 2013, 8, 167-178.	1.5	19
21	Stochastic Approximations with Constant Step Size and Differential Inclusions. SIAM Journal on Control and Optimization, 2013, 51, 525-555.	2.1	38
22	Evolutionary Game Theory. , 2012, , 1000-1029.		10
23	Stochastic imitative game dynamics with committed agents. Journal of Economic Theory, 2012, 147, 2056-2071.	1.1	14
24	Preface: Second DGAA Special Issue on Evolutionary Games. Dynamic Games and Applications, 2012, 2, 1-3.	1.9	0
25	Survival of dominated strategies under evolutionary dynamics. Theoretical Economics, 2011, 6, 341-377.	0.8	38
26	Large deviations and multinomial probit choice. Journal of Economic Theory, 2011, 146, 2151-2158.	1.1	22
27	Pairwise Comparison Dynamics and Evolutionary Foundations for Nash Equilibrium. Games, 2010, 1, 3-17.	0.6	64
28	Local stability under evolutionary game dynamics. Theoretical Economics, 2010, 5, 27-50.	0.8	45
29	Orders of limits for stationary distributions, stochastic dominance, and stochastic stability. Theoretical Economics, 2010, 5, 1-26.	0.8	38
30	Decompositions and potentials for normal form games. Games and Economic Behavior, 2010, 70, 446-456.	0.8	32
31	Stable games and their dynamics. Journal of Economic Theory, 2009, 144, 1665-1693.e4.	1.1	160
32	Large population potential games. Journal of Economic Theory, 2009, 144, 1710-1725.	1.1	46
33	Evolutionary Game Theory. , 2009, , 3176-3205.		52
34	The projection dynamic and the geometry of population games. Games and Economic Behavior, 2008, 64, 565-590.	0.8	57
35	The projection dynamic and the replicator dynamic. Games and Economic Behavior, 2008, 64, 666-683.	0.8	46
36	Evolutionary game dynamics with migration for hybrid power control in wireless communications. , 2008, , .		21

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37	Stable Games. , 2007, , .		16
38	Simple formulas for stationary distributions and stochastically stable states. Games and Economic Behavior, 2007, 59, 154-162.	0.8	17
39	Evolution in games with randomly disturbed payoffs. Journal of Economic Theory, 2007, 132, 47-69.	1.1	123
40	Pigouvian pricing and stochastic evolutionary implementation. Journal of Economic Theory, 2007, 132, 367-382.	1.1	60
41	Evolution in Bayesian games II: Stability of purified equilibria. Journal of Economic Theory, 2007, 136, 641-667.	1.1	28
42	Negative Externalities and Evolutionary Implementation. Review of Economic Studies, 2005, 72, 885-915.	5.4	84
43	Excess payoff dynamics and other well-behaved evolutionary dynamics. Journal of Economic Theory, 2005, 124, 149-170.	1.1	70
44	Evolution in Bayesian games I: Theory. Games and Economic Behavior, 2005, 53, 83-109.	0.8	49
45	Evolution and equilibrium under inexact information. Games and Economic Behavior, 2003, 44, 343-378.	0.8	43
46	Evolutionary Implementation and Congestion Pricing. Review of Economic Studies, 2002, 69, 667-689.	5.4	172
47	On the Global Convergence of Stochastic Fictitious Play. Econometrica, 2002, 70, 2265-2294.	4.2	212
48	On the Global Convergence of Stochastic Fictitious Play. Econometrica, 2002, 70, 2265-2294.	4.2	218
49	Almost global convergence to p -dominant equilibrium. International Journal of Game Theory, 2001, 30, 107-116.	0.5	45
50	Potential Games with Continuous Player Sets. Journal of Economic Theory, 2001, 97, 81-108.	1.1	331
51	Preference Evolution, Two-Speed Dynamics, and Rapid Social Change. Review of Economic Dynamics, 2001, 4, 637-679.	1.5	37
52	Evolution, Population Growth, and History Dependence. Games and Economic Behavior, 1998, 22, 84-120.	0.8	24
53	Sampling Best Response Dynamics and Deterministic Equilibrium Selection. SSRN Electronic Journal, 0, , .	0.4	3
54	Large Deviations and Stochastic Stability in the Small Noise Double Limit, II: The Logit Model. SSRN Electronic Journal, 0, , .	0.4	0