

William H Sandholm

List of Publications by Year in descending order

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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	Potential Games with Continuous Player Sets. <i>Journal of Economic Theory</i> , 2001, 97, 81-108.	1.1	331
2	On the Global Convergence of Stochastic Fictitious Play. <i>Econometrica</i> , 2002, 70, 2265-2294.	4.2	218
3	On the Global Convergence of Stochastic Fictitious Play. <i>Econometrica</i> , 2002, 70, 2265-2294.	4.2	212
4	Evolutionary Implementation and Congestion Pricing. <i>Review of Economic Studies</i> , 2002, 69, 667-689.	5.4	172
5	Stable games and their dynamics. <i>Journal of Economic Theory</i> , 2009, 144, 1665-1693.e4.	1.1	160
6	Evolution in games with randomly disturbed payoffs. <i>Journal of Economic Theory</i> , 2007, 132, 47-69.	1.1	123
7	Negative Externalities and Evolutionary Implementation. <i>Review of Economic Studies</i> , 2005, 72, 885-915.	5.4	84
8	Excess payoff dynamics and other well-behaved evolutionary dynamics. <i>Journal of Economic Theory</i> , 2005, 124, 149-170.	1.1	70
9	Pairwise Comparison Dynamics and Evolutionary Foundations for Nash Equilibrium. <i>Games</i> , 2010, 1, 3-17.	0.6	64
10	Learning in Games via Reinforcement and Regularization. <i>Mathematics of Operations Research</i> , 2016, 41, 1297-1324.	1.3	62
11	Pigouvian pricing and stochastic evolutionary implementation. <i>Journal of Economic Theory</i> , 2007, 132, 367-382.	1.1	60
12	Sampling best response dynamics and deterministic equilibrium selection. <i>Theoretical Economics</i> , 2015, 10, 243-281.	0.8	58
13	The projection dynamic and the geometry of population games. <i>Games and Economic Behavior</i> , 2008, 64, 565-590.	0.8	57
14	Evolutionary Game Theory. , 2009, , 3176-3205.		52
15	Evolution in Bayesian games I: Theory. <i>Games and Economic Behavior</i> , 2005, 53, 83-109.	0.8	49
16	The projection dynamic and the replicator dynamic. <i>Games and Economic Behavior</i> , 2008, 64, 666-683.	0.8	46
17	Large population potential games. <i>Journal of Economic Theory</i> , 2009, 144, 1710-1725.	1.1	46
18	Almost global convergence to p -dominant equilibrium. <i>International Journal of Game Theory</i> , 2001, 30, 107-116.	0.5	45

#	ARTICLE	IF	CITATIONS
19	Local stability under evolutionary game dynamics. <i>Theoretical Economics</i> , 2010, 5, 27-50.	0.8	45
20	Evolution and equilibrium under inexact information. <i>Games and Economic Behavior</i> , 2003, 44, 343-378.	0.8	43
21	Population Games and Deterministic Evolutionary Dynamics. <i>Handbook of Game Theory With Economic Applications</i> , 2015, 4, 703-778.	1.3	41
22	Orders of limits for stationary distributions, stochastic dominance, and stochastic stability. <i>Theoretical Economics</i> , 2010, 5, 1-26.	0.8	38
23	Survival of dominated strategies under evolutionary dynamics. <i>Theoretical Economics</i> , 2011, 6, 341-377.	0.8	38
24	Stochastic Approximations with Constant Step Size and Differential Inclusions. <i>SIAM Journal on Control and Optimization</i> , 2013, 51, 525-555.	2.1	38
25	Preference Evolution, Two-Speed Dynamics, and Rapid Social Change. <i>Review of Economic Dynamics</i> , 2001, 4, 637-679.	1.5	37
26	Decompositions and potentials for normal form games. <i>Games and Economic Behavior</i> , 2010, 70, 446-456.	0.8	32
27	Evolution in Bayesian games II: Stability of purified equilibria. <i>Journal of Economic Theory</i> , 2007, 136, 641-667.	1.1	28
28	Large deviations and stochastic stability in the small noise double limit. <i>Theoretical Economics</i> , 2016, 11, 279-355.	0.8	28
29	Evolution, Population Growth, and History Dependence. <i>Games and Economic Behavior</i> , 1998, 22, 84-120.	0.8	24
30	An introduction to ABED: Agent-based simulation of evolutionary game dynamics. <i>Games and Economic Behavior</i> , 2019, 118, 434-462.	0.8	23
31	Large deviations and multinomial probit choice. <i>Journal of Economic Theory</i> , 2011, 146, 2151-2158.	1.1	22
32	Evolutionary game dynamics with migration for hybrid power control in wireless communications. , 2008, , .		21
33	Evolutionary Game Theory. , 2020, , 573-608.		21
34	Best experienced payoff dynamics and cooperation in the centipede game. <i>Theoretical Economics</i> , 2019, 14, 1347-1385.	0.8	20
35	An Introduction to Dynamo: Diagrams for Evolutionary Game Dynamics. <i>Biological Theory</i> , 2013, 8, 167-178.	1.5	19
36	Stability for best experienced payoff dynamics. <i>Journal of Economic Theory</i> , 2020, 185, 104957.	1.1	19

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37	Riemannian game dynamics. <i>Journal of Economic Theory</i> , 2018, 177, 315-364.	1.1	18
38	Simple formulas for stationary distributions and stochastically stable states. <i>Games and Economic Behavior</i> , 2007, 59, 154-162.	0.8	17
39	Stable Games. , 2007, , .		16
40	Stochastic imitative game dynamics with committed agents. <i>Journal of Economic Theory</i> , 2012, 147, 2056-2071.	1.1	14
41	EvoDyn-3s: A Mathematica computable document to analyze evolutionary dynamics in 3-strategy games. <i>SoftwareX</i> , 2018, 7, 226-233.	2.6	14
42	Evolutionary Game Theory. , 2012, , 1000-1029.		10
43	Sample Path Large Deviations for Stochastic Evolutionary Game Dynamics. <i>Mathematics of Operations Research</i> , 2018, 43, 1348-1377.	1.3	9
44	Local stability of strict equilibria under evolutionary game dynamics. <i>Journal of Dynamics and Games</i> , 2014, 1, 485-495.	1.0	7
45	Evolutionary Game Theory. , 2017, , 1-38.		5
46	Probabilistic Interpretations of Integrability for Game Dynamics. <i>Dynamic Games and Applications</i> , 2014, 4, 95-106.	1.9	4
47	Schelling redux: An evolutionary dynamic model of residential segregation. <i>Journal of Dynamics and Games</i> , 2022, 9, 373-403.	1.0	4
48	Sampling Best Response Dynamics and Deterministic Equilibrium Selection. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
49	Hamilton-Jacobi Equations with Semilinear Costs and State Constraints, with Applications to Large Deviations in Games. <i>Mathematics of Operations Research</i> , 2022, 47, 72-99.	1.3	3
50	Stochastic dynamics and Edmonds' algorithm. <i>Journal of Dynamics and Games</i> , 2022, 9, 529-546.	1.0	3
51	Preface: Second DGAA Special Issue on Evolutionary Games. <i>Dynamic Games and Applications</i> , 2012, 2, 1-3.	1.9	0
52	Large Deviations and Stochastic Stability in the Small Noise Double Limit, I: Theory. <i>SSRN Electronic Journal</i> , 2014, , .	0.4	0
53	Large deviations and Stochastic stability in Population Games. <i>Journal of Dynamics and Games</i> , 2022, 9, 569-595.	1.0	0
54	Large Deviations and Stochastic Stability in the Small Noise Double Limit, II: The Logit Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0