

Yeneng Sun

List of Publications by Year in descending order

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79
papers

1,647
citations

304743

22
h-index

361022

35
g-index

80
all docs

80
docs citations

80
times ranked

313
citing authors

#	ARTICLE	IF	CITATIONS
1	The exact law of large numbers via Fubini extension and characterization of insurable risks. Journal of Economic Theory, 2006, 126, 31-69.	1.1	236
2	Existence of independent random matching. Annals of Applied Probability, 2007, 17, .	1.3	89
3	A theory of hyperfinite processes: the complete removal of individual uncertainty via exact LLN. Journal of Mathematical Economics, 1998, 29, 419-503.	0.8	83
4	On the Existence of Pure Strategy Equilibria in Games with a Continuum of Players. Journal of Economic Theory, 1997, 76, 13-46.	1.1	72
5	Non-cooperative games on hyperfinite Loeb spaces. Journal of Mathematical Economics, 1999, 31, 455-492.	0.8	66
6	Pure strategies in games with private information. Journal of Mathematical Economics, 1995, 24, 633-653.	0.8	63
7	Why saturated probability spaces are necessary. Advances in Mathematics, 2009, 221, 1584-1607.	1.1	56
8	Chapter 46 Non-cooperative games with many players. Handbook of Game Theory With Economic Applications, 2002, , 1761-1808.	1.3	55
9	The exact law of large numbers for independent random matching. Journal of Economic Theory, 2012, 147, 1105-1139.	1.1	55
10	Individual risk and Lebesgue extension without aggregate uncertainty. Journal of Economic Theory, 2009, 144, 432-443.	1.1	49
11	The Dvoretzky-Wald-Wolfowitz theorem and purification in atomless finite-action games. International Journal of Game Theory, 2006, 34, 91-104.	0.5	48
12	Integration of Correspondences on Loeb Spaces. Transactions of the American Mathematical Society, 1997, 349, 129-153.	0.9	40
13	Large games with a bio-social typology. Journal of Economic Theory, 2013, 148, 1122-1149.	1.1	39
14	Stationary Markov perfect equilibria in discounted stochastic games. Journal of Economic Theory, 2017, 169, 35-61.	1.1	38
15	Purification of measure-valued maps. Illinois Journal of Mathematics, 2006, 50, .	0.1	35
16	The nonexistence of symmetric equilibria in anonymous games with compact action spaces. Journal of Mathematical Economics, 1995, 24, 331-346.	0.8	33
17	Distributional Properties of Correspondences on Loeb Spaces. Journal of Functional Analysis, 1996, 139, 68-93.	1.4	31
18	The almost equivalence of pairwise and mutual independence and the duality with exchangeability. Probability Theory and Related Fields, 1998, 112, 425-456.	1.8	29

#	ARTICLE	IF	CITATIONS
19	On a private information game without pure strategy equilibria. <i>Journal of Mathematical Economics</i> , 1999, 31, 341-359.	0.8	29
20	Perfect competition in asymmetric information economies: compatibility of efficiency and incentives. <i>Journal of Economic Theory</i> , 2007, 134, 175-194.	1.1	26
21	Hyperfinite Law of Large Numbers. <i>Bulletin of Symbolic Logic</i> , 1996, 2, 189-198.	0.2	24
22	Purification and saturation. <i>Proceedings of the American Mathematical Society</i> , 2009, 137, 2719-2719.	0.8	24
23	Saturation and the integration of Banach valued correspondences. <i>Journal of Mathematical Economics</i> , 2008, 44, 861-865.	0.8	22
24	Modeling infinitely many agents. <i>Theoretical Economics</i> , 2017, 12, 771-815.	0.8	22
25	Ex ante efficiency implies incentive compatibility. <i>Economic Theory</i> , 2008, 36, 35-55.	0.9	20
26	Pure strategy equilibria in games with private and public information. <i>Journal of Mathematical Economics</i> , 2007, 43, 523-531.	0.8	19
27	A general Fatou Lemma. <i>Advances in Mathematics</i> , 2007, 213, 741-762.	1.1	17
28	Integrals of Set-Valued Functions with a Countable Range. <i>Mathematics of Operations Research</i> , 1996, 21, 946-954.	1.3	16
29	The complete removal of individual uncertainty: multiple optimal choices and random exchange economies. <i>Economic Theory</i> , 1999, 14, 507-544.	0.9	16
30	Monte Carlo simulation of macroeconomic risk with a continuum of agents: the general case. <i>Economic Theory</i> , 2008, 36, 303-325.	0.9	16
31	Extremal structures and symmetric equilibria with countable actions. <i>Journal of Mathematical Economics</i> , 1995, 24, 239-248.	0.8	15
32	Weak measurability and characterizations of risk. <i>Economic Theory</i> , 1999, 13, 541-560.	0.9	15
33	Monte Carlo simulation of macroeconomic risk with a continuum of agents: the symmetric case. <i>Economic Theory</i> , 2003, 21, 743-766.	0.9	15
34	Conditional exact law of large numbers and asymmetric information economies with aggregate uncertainty. <i>Economic Theory</i> , 2016, 62, 43-64.	0.9	15
35	Core, equilibria and incentives in large asymmetric information economies. <i>Games and Economic Behavior</i> , 2007, 61, 131-155.	0.8	14
36	Strategic uncertainty and the ex post Nash property in large games. <i>Theoretical Economics</i> , 2015, 10, 103-129.	0.8	14

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37	Equivalence of Stochastic and Deterministic Mechanisms. <i>Econometrica</i> , 2019, 87, 1367-1390.	4.2	12
38	The essential equivalence of pairwise and mutual conditional independence. <i>Probability Theory and Related Fields</i> , 2006, 135, 415-427.	1.8	11
39	Dynamic directed random matching. <i>Journal of Economic Theory</i> , 2018, 174, 124-183.	1.1	11
40	Asymptotic Arbitrage and the APT with or without Measure-Theoretic Structures. <i>Journal of Economic Theory</i> , 2001, 101, 222-251.	1.1	10
41	Pure-strategy equilibria in Bayesian games. <i>Journal of Economic Theory</i> , 2019, 180, 11-49.	1.1	10
42	On the theory of vector valued Loeb measures and integration. <i>Journal of Functional Analysis</i> , 1992, 104, 327-362.	1.4	9
43	A METRIC ON PROBABILITIES, AND PRODUCTS OF LOEB SPACES. <i>Journal of the London Mathematical Society</i> , 2004, 69, 258-272.	1.0	9
44	Existence, incentive compatibility and efficiency of the rational expectations equilibrium. <i>Games and Economic Behavior</i> , 2012, 76, 329-339.	0.8	9
45	The marriage lemma and large anonymous games with countable actions. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1995, 117, 385-387.	0.4	8
46	Conditional expectation of correspondences and economic applications. <i>Economic Theory</i> , 2018, 66, 265-299.	0.9	8
47	On Loeb Measure Spaces and their Significance for Non-Cooperative Game Theory. , 1997, , 183-218.		8
48	Exact arbitrage, well-diversified portfolios and asset pricing in large markets. <i>Journal of Economic Theory</i> , 2003, 110, 337-373.	1.1	7
49	On nonstandard product measure spaces. <i>Illinois Journal of Mathematics</i> , 2002, 46, .	0.1	7
50	Uncorrelatedness and orthogonality for vector-valued processes. <i>Transactions of the American Mathematical Society</i> , 2003, 356, 3209-3225.	0.9	6
51	Joint measurability and the one-way Fubini property for a continuum of independent random variables. <i>Proceedings of the American Mathematical Society</i> , 2005, 134, 737-747.	0.8	6
52	Loeb Measures and Borel Algebras. , 2001, , 111-117.		6
53	A Banach Space in Which a Ball is Contained in the Range of Some Countably Additive Measure is Superreflexive. <i>Canadian Mathematical Bulletin</i> , 1990, 33, 45-49.	0.5	6
54	Exact arbitrage and portfolio analysis in large asset markets. <i>Economic Theory</i> , 2003, 22, 495-528.	0.9	5

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55	Incentive compatibility of rational expectations equilibrium in large economies: a counterexample. <i>Economic Theory Bulletin</i> , 2013, 1, 3-10.	0.5	5
56	Equilibria and incentives in private information economies. <i>Journal of Economic Theory</i> , 2017, 169, 474-488.	1.1	5
57	Modeling large societies: Why countable additivity is necessary. <i>Journal of Economic Theory</i> , 2020, 189, 105102.	1.1	5
58	The necessity of nowhere equivalence. <i>Advances in Mathematics</i> , 2018, 325, 608-639.	1.1	4
59	A remark on the trace of some Riesz operators. <i>Archiv Der Mathematik</i> , 1994, 63, 530-534.	0.5	3
60	Similarity of differential information with subjective prior beliefs. <i>Journal of Mathematical Economics</i> , 2008, 44, 1024-1039.	0.8	3
61	The individualistic foundation of equilibrium distribution. <i>Journal of Economic Theory</i> , 2020, 189, 105083.	1.1	3
62	A nonstandard proof of the Riesz representation theorem for weakly compact operators on $C(X)$. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1989, 105, 141-145.	0.4	2
63	Monte Carlo sampling processes and incentive compatible allocations in large economies. <i>Economic Theory</i> , 2021, 71, 1161-1187.	0.9	2
64	Martingale property of empirical processes. <i>Transactions of the American Mathematical Society</i> , 2006, 359, 517-527.	0.9	2
65	The one-way Fubini property and conditional independence: An equivalence result. <i>Advances in Mathematics</i> , 2021, 376, 107487.	1.1	1
66	Pure-Strategy Nash Equilibrium Points in Non-Anonymous Games. <i>Theory and Decision Library Series C, Game Theory, Mathematical Programming and Operations Research</i> , 1997, , 113-127.	0.2	1
67	Monte Carlo simulation of macroeconomic risk with a continuum of agents: the symmetric case. <i>Studies in Economic Theory</i> , 2004, , 709-732.	0.0	1
68	Nonstandard Analysis in Mathematical Economics. , 2015, , 349-399.		1
69	Conventional Operations on Nonstandard Constructions. , 2000, , 235-257.		1
70	Dynamic games with (almost) perfect information. <i>Theoretical Economics</i> , 2020, 15, 811-859.	0.8	1
71	On Uniform Distribution of Sequences. , 1996, , 405-420.		0
72	Isomorphisms for Convergence Structures. <i>Advances in Mathematics</i> , 1996, 124, 77-93.	1.1	0

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73	EX ANTE EFFICIENT MECHANISM WITH PRIVATE ENTRY COSTS. <i>Economic Inquiry</i> , 2020, 58, 1531-1541.	1.8	0
74	Nonstandard Analysis in Mathematical Economics. , 2000, , 261-305.		0
75	New Understanding of Stochastic Independence. , 2015, , 321-345.		0
76	A Foundation of Deterministic Mechanisms. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
77	On the converse law of large numbers. <i>Illinois Journal of Mathematics</i> , 2020, 64, .	0.1	0
78	Robust perfect equilibrium in large games. <i>Journal of Economic Theory</i> , 2022, 201, 105433.	1.1	0
79	Conditional expectation of banach valued correspondences and economic applications. <i>Journal of Mathematical Economics</i> , 2022, , 102698.	0.8	0