

Herbert Dawid

List of Publications by Year in descending order

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116
papers

2,195
citations

279798

23
h-index

315739

38
g-index

125
all docs

125
docs citations

125
times ranked

1001
citing authors

#	ARTICLE	IF	CITATIONS
1	EURACE: A massively parallel agent-based model of the European economy. Applied Mathematics and Computation, 2008, 204, 541-552.	2.2	218
2	Economic convergence: Policy implications from a heterogeneous agent model. Journal of Economic Dynamics and Control, 2014, 44, 54-80.	1.6	105
3	Chapter 25 Agent-based Models of Innovation and Technological Change. Handbook of Computational Economics, 2006, , 1235-1272.	1.6	96
4	The Eurace@Unibi Model: An Agent-Based Macroeconomic Model for Economic Policy Analysis. SSRN Electronic Journal, 0, , .	0.4	93
5	On economic applications of the genetic algorithm: a model of the cobweb type. Journal of Evolutionary Economics, 1998, 8, 297-315.	1.7	75
6	Adaptive Learning by Genetic Algorithms. , 1999, , .		68
7	Management science in the era of smart consumer products: challenges and research perspectives. Central European Journal of Operations Research, 2017, 25, 203-230.	1.8	66
8	Spillover effects and the evolution of firm clusters. Journal of Economic Behavior and Organization, 2003, 50, 47-75.	2.0	61
9	On the convergence of genetic learning in a double auction market. Journal of Economic Dynamics and Control, 1999, 23, 1545-1567.	1.6	58
10	Agent-Based Macroeconomics and the authors are grateful for helpful comments and suggestions from Tiziana Assenza, Jean-Philippe Bouchaud, Silvano Cincotti, Giovanni Dosi, Giorgio Fagiolo, Edoardo Gaffeo, Mauro Gallegati, Gavin Goy, Philipp Harting, Cars Hommes, Sander van der Hoog, Peter Howitt, Blake LeBaron, Marco Raberto, Andrea Roventini, Alberto Russo, and Isabelle Salle.. Handbook of Computational Economics, 2018, , 63-156.	1.6	55
11	Agent-based Models for Economic Policy Design. Eastern Economic Journal, 2011, 37, 44-50.	1.0	53
12	Macroeconomics with heterogeneous agent models: fostering transparency, reproducibility and replication. Journal of Evolutionary Economics, 2019, 29, 467-538.	1.7	53
13	An enhanced rostering model for airline crews. Computers and Operations Research, 2001, 28, 671-688.	4.0	48
14	Labor market integration policies and the convergence of regions: the role of skills and technology diffusion. Journal of Evolutionary Economics, 2012, 22, 543-562.	1.7	46
15	Cohesion policy and inequality dynamics: Insights from a heterogeneous agents macroeconomic model. Journal of Economic Behavior and Organization, 2018, 150, 220-255.	2.0	45
16	Adaptive Learning by Genetic Algorithms. Lecture Notes in Economics and Mathematical Systems, 1996, , .	0.3	45
17	Skills, Innovation, and Growth: An Agent-Based Policy Analysis. Jahrbucher Fur Nationalokonomie Und Statistik, 2008, 228, 251-275.	0.7	44
18	The evolution of R&D networks. Journal of Economic Behavior and Organization, 2014, 105, 158-172.	2.0	33

#	ARTICLE	IF	CITATIONS
19	R&D competition versus R&D cooperation in oligopolistic markets with evolving structure. <i>International Journal of Industrial Organization</i> , 2013, 31, 527-537.	1.2	32
20	To innovate or not to innovate?. <i>IEEE Transactions on Evolutionary Computation</i> , 2001, 5, 471-481.	10.0	31
21	Product innovation incentives by an incumbent firm: A dynamic analysis. <i>Journal of Economic Behavior and Organization</i> , 2015, 117, 411-438.	2.0	31
22	Gaining the competitive edge using internal and external spillovers: a dynamic analysis. <i>Journal of Economic Dynamics and Control</i> , 2003, 27, 2171-2193.	1.6	30
23	Large-Scale Modeling of Economic Systems. <i>Complex Systems</i> , 2013, 22, 175-192.	0.3	30
24	On the Economically Optimal Exploitation of a Renewable Resource: The Case of a Convex Environment and a Convex Return Function. <i>Journal of Economic Theory</i> , 1997, 76, 272-297.	1.1	29
25	Agent-Based Macroeconomics. <i>SSRN Electronic Journal</i> , 0, , .	0.4	27
26	Learning benevolent leadership in a heterogenous agents economy. <i>Journal of Economic Dynamics and Control</i> , 2010, 34, 1768-1790.	1.6	26
27	Learning of cycles and sunspot equilibria by Genetic Algorithms. <i>Journal of Evolutionary Economics</i> , 1996, 6, 361-373.	1.7	25
28	Fiscal transfers and regional economic growth. <i>Review of International Economics</i> , 2018, 26, 651-671.	1.3	23
29	Entry deterrence by timing rather than overinvestment in a strategic real options framework. <i>European Journal of Operational Research</i> , 2019, 274, 165-185.	5.7	23
30	Optimal foreign investment dynamics in the presence of technological spillovers. <i>Journal of Economic Dynamics and Control</i> , 2010, 34, 296-313.	1.6	22
31	On the persistence of corruption. <i>Journal of Economics/ Zeitschrift Fur Nationalokonomie</i> , 1996, 64, 177-193.	0.7	20
32	Hold-up and the evolution of investment and bargaining norms. <i>Games and Economic Behavior</i> , 2008, 62, 26-52.	0.8	19
33	BUBBLES, CRASHES, AND THE FINANCIAL CYCLE: THE IMPACT OF BANKING REGULATION ON DEEP RECESSIONS. <i>Macroeconomic Dynamics</i> , 2019, 23, 1205-1246.	0.7	18
34	Optimal allocation of drug control efforts: A differential game analysis. <i>Journal of Optimization Theory and Applications</i> , 1996, 91, 279-297.	1.5	17
35	Evolutionary game dynamics and the analysis of agent-based imitation models: The long run, the medium run and the importance of global analysis. <i>Journal of Economic Dynamics and Control</i> , 2007, 31, 2108-2133.	1.6	17
36	Computational intelligence in economic games and policy design [Research Frontier]. <i>IEEE Computational Intelligence Magazine</i> , 2008, 3, 22-26.	3.2	17

#	ARTICLE	IF	CITATIONS
37	On optimal cycles in dynamic programming models with convex return function. <i>Economic Theory</i> , 1999, 13, 309-327.	0.9	16
38	New product introduction and capacity investment by incumbents: Effects of size on strategy. <i>European Journal of Operational Research</i> , 2013, 230, 133-142.	5.7	16
39	Manager remuneration, share buybacks, and firm performance. <i>Industrial and Corporate Change</i> , 2019, 28, 681-706.	2.8	16
40	Long horizon versus short horizon planning in dynamic optimization problems with incomplete information. <i>Economic Theory</i> , 2005, 25, 575.	0.9	15
41	When do thick venture capital markets foster innovation? An evolutionary analysis. <i>Journal of Evolutionary Economics</i> , 2012, 22, 79-108.	1.7	15
42	Innovation threats and strategic responses in oligopoly markets. <i>Journal of Economic Behavior and Organization</i> , 2010, 75, 203-222.	2.0	14
43	Evaluating Market Attractiveness: Individual Incentives Versus Industry Profitability. <i>Computational Economics</i> , 2005, 24, 321-355.	2.6	13
44	A Heterogeneous Agent Macroeconomic Model for Policy Evaluation: Improving Transparency and Reproducibility. <i>SSRN Electronic Journal</i> , 0, , .	0.4	13
45	Numerical Analysis of Markov-Perfect Equilibria with Multiple Stable Steady States: A Duopoly Application with Innovative Firms. <i>Dynamic Games and Applications</i> , 2017, 7, 555-577.	1.9	12
46	Holdup and the evolution of bargaining conventions. <i>European Journal of Economic and Social Systems</i> , 2001, 15, 153-169.	0.2	12
47	Complex solutions of nonconcave dynamic optimization models. <i>Economic Theory</i> , 1997, 9, 427-439.	0.9	11
48	On the stability of monotone discrete selection dynamics with inertia. <i>Mathematical Social Sciences</i> , 1999, 37, 265-280.	0.5	11
49	Diversification: a road to inefficiency in product innovations?. <i>Journal of Evolutionary Economics</i> , 2011, 21, 191-229.	1.7	11
50	Complex optimal policies in an advertising diffusion model. <i>Chaos, Solitons and Fractals</i> , 1995, 5, 45-53.	5.1	10
51	How Robust is the Equal Split Norm? Responsive Strategies, Selection Mechanisms and the Need for Economic Interpretation of Simulation Parameters. <i>Computational Economics</i> , 2006, 28, 371-397.	2.6	10
52	Dynamic strategic interaction between an innovating and a non-innovating incumbent. <i>Central European Journal of Operations Research</i> , 2010, 18, 453-463.	1.8	10
53	Strategic location choice under dynamic oligopolistic competition and spillovers. <i>Journal of Economic Dynamics and Control</i> , 2014, 48, 288-307.	1.6	10
54	Genetic learning in strategic form games. <i>Complexity</i> , 1996, 1, 51-59.	1.6	9

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55	Learning of equilibria by a population with minimal information. <i>Journal of Economic Behavior and Organization</i> , 1997, 32, 1-18.	2.0	9
56	On the emergence of exchange and mediation in a production economy. <i>Journal of Economic Behavior and Organization</i> , 2000, 41, 27-53.	2.0	9
57	On the efficiency-effects of private (dis-)trust in the government. <i>Journal of Economic Behavior and Organization</i> , 2005, 57, 530-550.	2.0	9
58	Does easy start-up formation hamper incumbents' R&D investment?. <i>Small Business Economics</i> , 2017, 49, 513-531.	6.7	9
59	Smart products: Liability, investments in product safety, and the timing of market introduction. <i>Journal of Economic Dynamics and Control</i> , 2022, 134, 104288.	1.6	9
60	Complementary assets, start-ups and incentives to innovate. <i>International Journal of Industrial Organization</i> , 2016, 44, 177-190.	1.2	8
61	TRASH IT OR SELL IT? A STRATEGIC ANALYSIS OF THE MARKET INTRODUCTION OF PRODUCT INNOVATIONS. <i>International Game Theory Review</i> , 2009, 11, 321-345.	0.5	7
62	Production and Finance in EURACE. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2008, , 147-158.	0.3	7
63	Cohesion Policy and Inequality Dynamics: Insights from a Heterogeneous Agents Macroeconomic Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
64	On sustainable growth and collapse: Optimal and adaptive paths. <i>Journal of Economic Dynamics and Control</i> , 2007, 31, 2374-2397.	1.6	6
65	The Evolution of R&D Networks. <i>SSRN Electronic Journal</i> , 0, , .	0.4	6
66	Labor Market Integration Policies and The Convergence of Regions: The Role of Skills and Technology Diffusion. , 2013, , 167-186.		6
67	Spatial Interactions in Agent-Based Modeling. <i>Dynamic Modeling and Econometrics in Economics and Finance</i> , 2015, , 353-377.	0.5	6
68	Keeping a learned society young. <i>Demographic Research</i> , 0, 20, 541-558.	3.0	6
69	Agent-Based Macroeconomic Modeling and Policy Analysis. , 2018, , .		5
70	Distributional effects of technological regime changes: hysteresis, concentration and inequality dynamics. <i>Review of Evolutionary Political Economy</i> , 2022, 3, 137-167.	1.6	5
71	Dynamic investment strategies and leadership in product innovation. <i>European Journal of Operational Research</i> , 2023, 306, 431-447.	5.7	5
72	The dynamics of genetic algorithms in interactive environments. <i>Journal of Network and Computer Applications</i> , 1996, 19, 5-19.	9.1	4

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73	R&D Investments Under Endogenous Cluster Formation. SSRN Electronic Journal, 2016, , .	0.4	4
74	Product innovation with partial capacity rollover. Central European Journal of Operations Research, 2020, 28, 479-496.	1.8	4
75	Skiba Phenomena in Markov Perfect Equilibria of Asymmetric Differential Games. Dynamic Modeling and Econometrics in Economics and Finance, 2016, , 63-76.	0.5	4
76	Dynamic Investment Strategies and Leadership in Product Innovation. SSRN Electronic Journal, 0, , .	0.4	4
77	The Role of (De-)Centralized Wage Setting for Industry Dynamics and Economic Growth: An Agent-Based Analysis with the Eurace@Unibi Model. Dynamic Modeling and Econometrics in Economics and Finance, 2021, , 205-230.	0.5	4
78	Introduction to the special issue: Computational perspectives in economics and finance: Methods, dynamic analysis and policy modeling. Journal of Economic Dynamics and Control, 2010, 34, 1529-1530.	1.6	3
79	Best response dynamics with level-n expectations in two-stage games. Journal of Economic Dynamics and Control, 2014, 41, 130-153.	1.6	3
80	Repeated selection with heterogeneous individuals and relative age effects. Journal of Economic Behavior and Organization, 2015, 116, 387-406.	2.0	3
81	Fiscal Transfers and Regional Economic Growth. SSRN Electronic Journal, 0, , .	0.4	3
82	Introduction: Special Issue on Evolutionary Dynamics and Agent-Based Modeling in Economics. Computational Economics, 2018, 52, 707-710.	2.6	3
83	Delaying Product Introduction in a Duopoly: A Strategic Dynamic Analysis. Dynamic Modeling and Econometrics in Economics and Finance, 2021, , 227-248.	0.5	3
84	Strategies of Foreign Direct Investment in the Presence of Technological Spillovers. Dynamic Modeling and Econometrics in Economics and Finance, 2014, , 115-133.	0.5	3
85	Spatial Labor Market Frictions and Economic Convergence: Policy Implications from a Heterogeneous Agent Model. SSRN Electronic Journal, 0, , .	0.4	3
86	R&D investments under endogenous cluster formation. Journal of Economic Behavior and Organization, 2020, 174, 253-283.	2.0	2
87	Distributional Effects of Technological Regime Changes: Hysteresis, Concentration and Inequality Dynamics. SSRN Electronic Journal, 0, , .	0.4	2
88	A Comparison of Exit and Voice Relationships under Common Uncertainty. Journal of Economics and Management Strategy, 2003, 12, 531-555.	0.8	2
89	Does Easy Start-Up Formation Hamper Incumbents' R&D Investment? A Theoretical and Empirical Analysis. SSRN Electronic Journal, 0, , .	0.4	2
90	Numerical Analysis of Markov-Perfect Equilibria with Multiple Stable Steady States: A Duopoly Application with Innovative Firms. SSRN Electronic Journal, 0, , .	0.4	2

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91	Markov Perfect Equilibria in Multi-Mode Differential Games with Endogenous Timing of Mode Transitions. <i>Dynamic Games and Applications</i> , 2022, 12, 363-393.	1.9	2
92	Learning of cycles and sunspot equilibria by Genetic Algorithms. <i>Journal of Evolutionary Economics</i> , 1996, 6, 361-373.	1.7	2
93	Gustav Feichtinger celebrates his 70th birthday. <i>Central European Journal of Operations Research</i> , 2010, 18, 437-451.	1.8	1
94	New Product Introduction and Capacity Investment by Incumbents: Effects of Size on Strategy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
95	Complementary Assets, Start-Ups and Incentives to Innovate. <i>SSRN Electronic Journal</i> , 2013, , .	0.4	1
96	Dynamic Models of the Firm with Green Energy and Goodwill. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2018, , 279-296.	0.3	1
97	Cheap Talk, Gullibility, and Welfare in an Environmental Taxation Game. , 2005, , 175-192.		1
98	Crime and Law Enforcement: A Multistage Game. , 2000, , 341-359.		1
99	Learning to Trade and Mediate. <i>Lecture Notes in Economics and Mathematical Systems</i> , 2000, , 9-32.	0.3	1
100	How Do Social Networks Contribute to Wage Inequality? Insights from an Agent-Based Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
101	The Role of (De-)Centralized Wage Setting for Industry Dynamics and Economic Growth: An Agent-Based Analysis with the Eurace@Unibi Model. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
102	Genetic Learning of Nash Equilibria in Illicit Drug Markets and Prerequisites for a Successful Crackdown. <i>International Symposia in Economic Theory and Econometrics</i> , 2004, , 391-410.	0.3	0
103	Product Innovation Incentives by an Incumbent Firm: A Dynamic Analysis. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
104	Foreign Direct Investment with Endogenous Technology Choice. <i>Pacific Economic Review</i> , 2017, 22, 3-22.	1.4	0
105	Preface: DGAA Special Issue on Numerical Methods for Dynamic Games. <i>Dynamic Games and Applications</i> , 2017, 7, 531-534.	1.9	0
106	Introduction to the special issue "Nonlinear Economic Dynamics". <i>Journal of Evolutionary Economics</i> , 2017, 27, 825-830.	1.7	0
107	JEDC Special Issue in Honour of Prof Carl Chiarella. <i>Journal of Economic Dynamics and Control</i> , 2018, 91, 1-6.	1.6	0
108	Product Innovation With Partial Capacity Rollover. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0

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109	Markov Perfect Equilibria in Multi-mode Differential Games with Endogenous Timing of Mode Transitions. SSRN Electronic Journal, 0, , .	0.4	0
110	Market Takeovers in Medieval Trade. , 2000, , 118-133.		0
111	Ant based approaches to analyze strategic management problems. Interdisciplinary Studies in Economics and Management, 2002, , 83-94.	0.8	0
112	Cheap Talk, Gullibility, and Welfare in an Environmental Taxation Game. SSRN Electronic Journal, 0, , .	0.4	0
113	Editorial: Computational Methods in Economic Dynamics. Dynamic Modeling and Econometrics in Economics and Finance, 2011, , 1-2.	0.5	0
114	Strategies of Foreign Direct Investment in the Presence of Technological Spillovers. SSRN Electronic Journal, 0, , .	0.4	0
115	Foreign Direct Investment with Endogenous Technology Choice. SSRN Electronic Journal, 0, , .	0.4	0
116	A Dynamic Model of Firms's™ Strategic Location Choice. Springer Proceedings in Complexity, 2018, , 159-177.	0.3	0