

Graciela Chichilnisky

List of Publications by Year in descending order

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Version: 2024-02-01

142
papers

3,290
citations

218677

26
h-index

189892

50
g-index

147
all docs

147
docs citations

147
times ranked

1008
citing authors

#	ARTICLE	IF	CITATIONS
1	An axiomatic approach to sustainable development. <i>Social Choice and Welfare</i> , 1996, 13, 231-257.	0.8	408
2	Economic returns from the biosphere. <i>Nature</i> , 1998, 391, 629-630.	27.8	305
3	What Is Sustainable Development?. <i>Land Economics</i> , 1997, 73, 467.	0.9	183
4	Who should abate carbon emissions?. <i>Economics Letters</i> , 1994, 44, 443-449.	1.9	140
5	Global Environmental Risks. <i>Journal of Economic Perspectives</i> , 1993, 7, 65-86.	5.9	128
6	Social choice and the topology of spaces of preferences. <i>Advances in Mathematics</i> , 1980, 37, 165-176.	1.1	115
7	Necessary and sufficient conditions for a resolution of the social choice paradox. <i>Journal of Economic Theory</i> , 1983, 31, 68-87.	1.1	109
8	An axiomatic approach to choice under uncertainty with catastrophic risks. <i>Resources and Energy Economics</i> , 2000, 22, 221-231.	2.5	108
9	The Green Golden Rule. <i>Economics Letters</i> , 1995, 49, 175-179.	1.9	104
10	Social Aggregation Rules and Continuity. <i>Quarterly Journal of Economics</i> , 1982, 97, 337.	8.6	80
11	Basic goods, the effects of commodity transfers and the international economic order. <i>Journal of Development Economics</i> , 1980, 7, 505-519.	4.5	77
12	North-South trade and the dynamics of renewable resources. <i>Structural Change and Economic Dynamics</i> , 1993, 4, 219-248.	4.5	70
13	Individual Risk and Mutual Insurance. <i>Econometrica</i> , 1996, 64, 333.	4.2	63
14	The topological equivalence of the pareto condition and the existence of a dictator. <i>Journal of Mathematical Economics</i> , 1982, 9, 223-233.	0.8	59
15	The topology of fear. <i>Journal of Mathematical Economics</i> , 2009, 45, 807-816.	0.8	56
16	Limited arbitrage is necessary and sufficient for the existence of a competitive equilibrium with or without short sales. <i>Economic Theory</i> , 1995, 5, 79-108.	0.9	53
17	Terms of trade and domestic distribution. <i>Journal of Development Economics</i> , 1981, 8, 163-192.	4.5	52
18	Competitive Equilibrium in Sobolev Spaces without Bounds on Short Sales. <i>Journal of Economic Theory</i> , 1993, 59, 364-384.	1.1	49

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19	Economic development and efficiency criteria in the satisfaction of basic needs. Applied Mathematical Modelling, 1977, 1, 290-298.	4.2	48
20	Nonlinear functional analysis and optimal economic growth. Journal of Mathematical Analysis and Applications, 1977, 61, 504-520.	1.0	43
21	On fixed point theorems and social choice paradoxes. Economics Letters, 1979, 3, 347-351.	1.9	39
22	Social choice with infinite populations: construction of a rule and impossibility results. Social Choice and Welfare, 1997, 14, 303-318.	0.8	34
23	The influence of fear in decisions: Experimental evidence. Journal of Risk and Uncertainty, 2009, 39, 271-298.	1.5	34
24	Global Warming and Carbon-Negative Technology: Prospects for a Lower-Cost Route to a Lower-Risk Atmosphere. Energy and Environment, 2009, 20, 973-984.	4.6	34
25	The transfer problem with three agents once again. Journal of Development Economics, 1983, 13, 237-247.	4.5	32
26	The foundations of statistics with black swans. Mathematical Social Sciences, 2010, 59, 184-192.	0.5	32
27	The cone condition, properness, and extremely desirable commodities. Economic Theory, 1993, 3, 177-182.	0.9	30
28	The walrasian mechanism from equal division is not monotonic with respect to variations in the number of consumers. Journal of Public Economics, 1987, 32, 119-124.	4.3	28
29	Sustainable markets with short sales. Economic Theory, 2012, 49, 293-307.	0.9	26
30	The economic value of the Earth's resources. Trends in Ecology and Evolution, 1996, 11, 135-140.	8.7	24
31	General equilibrium with endogenous uncertainty and default. Journal of Mathematical Economics, 2006, 42, 499-524.	0.8	24
32	Structural instability of decisive majority rules. Journal of Mathematical Economics, 1982, 9, 207-221.	0.8	22
33	Markets with endogenous uncertainty theory and policy. Theory and Decision, 1996, 41, 99-131.	1.0	20
34	MARKETS AND GAMES: A SIMPLE EQUIVALENCE AMONG THE CORE, EQUILIBRIUM AND LIMITED ARBITRAGE. Metroeconomica, 1996, 47, 266-280.	1.0	20
35	What is sustainability?. International Journal of Sustainable Economy, 2011, 3, 125.	0.4	20
36	Existence and Characterization of Optimal Growth Paths Including Models with Non-Convexities in Utilities and Technologies. Review of Economic Studies, 1981, 48, 51.	5.4	19

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37	Smooth infinite economies. Journal of Mathematical Economics, 1998, 29, 27-42.	0.8	19
38	Sustainable Use of Renewable Resources. , 1998, , 49-76.		19
39	A topological invariant for competitive markets. Journal of Mathematical Economics, 1997, 28, 445-469.	0.8	18
40	The knowledge revolution. Journal of International Trade and Economic Development, 1998, 7, 39-54.	2.3	18
41	Spaces of economic agents. Journal of Economic Theory, 1977, 15, 160-173.	1.1	17
42	The costs and benefits of benefit-cost analysis. Environment and Development Economics, 1997, 2, 195-221.	1.5	17
43	Patterns of power: bargaining and incentives in two-person games. Journal of Public Economics, 1984, 23, 333-349.	4.3	15
44	Avoiding Extinction: Equal Treatment of the Present and the Future. Economics, 2009, 3, .	0.6	15
45	Asteroids: Assessing Catastrophic Risks. Journal of Probability and Statistics, 2010, 2010, 1-15.	0.7	15
46	Development and Global Finance: The Case for an International Bank for Environmental Settlements. SSRN Electronic Journal, 0, , .	0.4	15
47	North-South Trade and Basic Needs. SSRN Electronic Journal, 0, , .	0.4	15
48	An Axiomatic Approach to Sustainable Development. SSRN Electronic Journal, 1996, , .	0.4	13
49	Market arbitrage, social choice and the core. Social Choice and Welfare, 1997, 14, 161-198.	0.8	13
50	THE LIMITS OF ECONOMETRICS: NONPARAMETRIC ESTIMATION IN HILBERT SPACES. Econometric Theory, 2009, 25, 1070-1086.	0.7	13
51	Economic theory and the global environment. Economic Theory, 2012, 49, 217-225.	0.9	13
52	Social choice and the closed convergence topology. Social Choice and Welfare, 1991, 8, 307.	0.8	12
53	Valuing life: Experimental evidence using sensitivity to rare events. Ecological Economics, 2013, 85, 198-205.	5.7	12
54	On the existence and the structure of the pseudo-equilibrium manifold. Journal of Mathematical Economics, 1996, 26, 171-186.	0.8	11

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55	The Foundations of Probability with Black Swans. Journal of Probability and Statistics, 2010, 2010, 1-11.	0.7	11
56	A Unified Perspective on Resource Allocation: Limited Arbitrage is Necessary and Sufficient for the Existence of a Competitive Equilibrium, the Core and Social Choice. , 1997, , 121-174.		11
57	Catastrophic Risks: The Need for New Tools, Financial Instruments and Institutions. SSRN Electronic Journal, 0, , .	0.4	11
58	Community preferences and social choice. Journal of Mathematical Economics, 1983, 12, 33-61.	0.8	10
59	North-South trade and exported-led policies. Journal of Development Economics, 1984, 15, 131-160.	4.5	10
60	Existence of an optimal growth path with endogenous technical change. Economics Letters, 1995, 48, 433-439.	1.9	10
61	Fundamental utilitarianism and intergenerational equity with extinction discounting. Social Choice and Welfare, 2020, 54, 397-427.	0.8	10
62	Existence of optimal savings policies with imperfect information and non-convexities. Journal of Mathematical Economics, 1981, 8, 1-14.	0.8	9
63	A general equilibrium theory of North-South trade. , 0, , 3-56.		9
64	Limited arbitrage is necessary and sufficient for the existence of an equilibrium. Journal of Mathematical Economics, 1997, 28, 470-479.	0.8	9
65	Topology and Invertible Maps. Advances in Applied Mathematics, 1998, 21, 113-123.	0.7	9
66	A unified treatment of finite and infinite economies: limited arbitrage is necessary and sufficient for the existence of equilibrium and the core. Economic Theory, 1998, 12, 163-176.	0.9	9
67	Volatility in the knowledge economy. Economic Theory, 2004, 24, 531-547.	0.9	9
68	Limited arbitrage is necessary and sufficient for the non-emptiness of the core. Economics Letters, 1996, 52, 177-180.	1.9	8
69	Catastrophic risks. International Journal of Green Economics, 2009, 3, 130.	0.8	8
70	ON THE MATHEMATICAL FOUNDATIONS OF POLITICAL ECONOMY*. Contributions To Political Economy, 1990, 9, 25-41.	0.2	7
71	Actions of symmetry groups. Social Choice and Welfare, 1996, 13, 357-364.	0.8	7
72	An Axiomatic Approach to Choice Under Uncertainty with Catastrophic Risks. SSRN Electronic Journal, 0, , .	0.4	7

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73	Social Choice with Infinite Populations. SSRN Electronic Journal, 0, , .	0.4	7
74	A model of technology, domestic distribution, and North-South relations. Technological Forecasting and Social Change, 1979, 13, 297-320.	11.6	6
75	Avoiding Extinction: Equal Treatment of the Present and the Future. SSRN Electronic Journal, 0, , .	0.4	6
76	Terms of trade, domestic distribution and export-led growth. Journal of Development Economics, 1984, 15, 177-184.	4.5	5
77	General Equilibrium with Endogenous Uncertainty and Default. SSRN Electronic Journal, 2006, , .	0.4	5
78	Topology and Economics: The Contribution of Stephen Smale. , 1993, , 147-161.		5
79	Markets for Tradeable CO2 Emission Quotas: Principles and Practice. Economy & Environment, 1999, , 3-32.	0.3	5
80	The Economics of Global Environmental Risks. SSRN Electronic Journal, 0, , .	0.4	5
81	Intersecting Families on Sets and the Topology of Cones in Economics. SSRN Electronic Journal, 0, , .	0.4	5
82	Sustainable development: equal treatment of the present and the future?. International Journal of Green Economics, 2010, 4, 346.	0.8	4
83	Market arbitrage, social choice and the core. , 1997, , 15-52.		4
84	Existence and Optimality of a General Equilibrium with Endogenous Uncertainty. SSRN Electronic Journal, 0, , .	0.4	4
85	Trade Regimes and Gatt: Resource Intensive vs. Knowledge Intensive Growth. , 1997, , 63-97.		4
86	Sustainable Use of Renewable Resources. SSRN Electronic Journal, 0, , .	0.4	4
87	Social Choice and Game Theory: Recent Results with a Topological Approach. SSRN Electronic Journal, 0, , .	0.4	4
88	The transfer problem in stable markets. Journal of Development Economics, 1984, 16, 319-320.	4.5	3
89	General equilibrium and social choice in economies with increasing returns. Annals of Operations Research, 1990, 23, 289-297.	4.1	3
90	What is Sustainable Development. SSRN Electronic Journal, 1997, , .	0.4	3

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91	What is Sustainable Development?. ZEW Economic Studies, 1999, , 42-82.	0.1	3
92	Volatility and Job Creation in the Knowledge Economy. , 2005, , 45-74.		3
93	The Limits of Econometrics: Nonparametric Estimation in Hilbert Spaces. SSRN Electronic Journal, 2009, , .	0.4	3
94	CLIMATE POLICY WITHOUT INTERTEMPORAL DICTATORSHIP: CHICHILNISKY CRITERION VERSUS CLASSICAL UTILITARIANISM IN DICE. Climate Change Economics, 2018, 09, 1850002.	5.0	3
95	Property Rights and the Dynamics of Renewable Resources in North-South Trade. , 1994, , 15-54.		3
96	Actions of symmetry groups. Social Choice and Welfare, 1996, 13, 357-364.	0.8	3
97	Topological Complexity of Manifolds of Preferences. SSRN Electronic Journal, 0, , .	0.4	3
98	The Topology of Fear. SSRN Electronic Journal, 0, , .	0.4	3
99	International Trade in Resources: A General Equilibrium Analysis. SSRN Electronic Journal, 0, , .	0.4	3
100	Sustainable Growth and the Green Golden Rule. SSRN Electronic Journal, 0, , .	0.4	3
101	Social choice with infinite populations: construction of a rule and impossibility results. , 1997, , 157-172.		3
102	Smooth Infinite Economies. SSRN Electronic Journal, 0, , .	0.4	3
103	Intergenerational Choice: A Paradox and a Solution. SSRN Electronic Journal, 0, , .	0.4	3
104	The Costs and Benefits of Benefit-Cost Analysis. SSRN Electronic Journal, 2009, , .	0.4	2
105	Avoiding extinction: the future of economics. International Journal of Green Economics, 2009, 3, 1.	0.8	2
106	Sustainable Use of Renewable Resources. SSRN Electronic Journal, 0, , .	0.4	2
107	General Equilibrium with Uncertainty: The Work of Kenneth Arrow. SSRN Electronic Journal, 0, , .	0.4	2
108	A General Equilibrium Theory of North-South Trade. SSRN Electronic Journal, 0, , .	0.4	2

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109	Limited Arbitrage is Necessary and Sufficient for the Existence of an Equilibrium. SSRN Electronic Journal, 0, , .	0.4	2
110	Sustainable Development and North-South Trade. SSRN Electronic Journal, 0, , .	0.4	2
111	The Knowledge Revolution and Its Impact on Consumption and Resource Use. SSRN Electronic Journal, 0, , .	0.4	2
112	Global Models and North-South Relations. International Political Science Review, 1990, 11, 177-185.	2.8	1
113	Topological Aggregation of Preferences: The Case of a Continuum of Agents. SSRN Electronic Journal, 1994, , .	0.4	1
114	Markets and Games: A Simple Equivalence among the Core, Equilibrium and Limited Arbitrage. SSRN Electronic Journal, 1996, , .	0.4	1
115	Market Arbitrage, Social Choice and the Core. SSRN Electronic Journal, 1997, , .	0.4	1
116	Short Sales and Financial Innovation. , 2012, , 3-13.		1
117	Introduction to the Handbook on the Economics of Climate Change. , 2020, , .		1
118	Exploring the Role of Emotions in Decisions Involving Catastrophic Risks: Lessons from a Double Investigation. Studies in Economic Theory, 2016, , 553-575.	0.0	1
119	Sex and the Ivy League. SSRN Electronic Journal, 0, , .	0.4	1
120	Topology and Invertible Maps. SSRN Electronic Journal, 0, , .	0.4	1
121	The Global Environment and the Knowledge Revolution. SSRN Electronic Journal, 0, , .	0.4	1
122	The Economics of the Global Environmentâ€”Catastrophic Risks in Theory and Practice. Studies in Economic Theory, 2016, , 1-14.	0.0	1
123	Necesidades b�sicas, recursos naturales y crecimiento en el contexto de las relaciones Norte-Sur: respuesta a un comentario. Desarrollo Econ�mico, 1985, 25, 128.	0.1	0
124	No block to trade. Public Policy Research, 1995, 2, 186-192.	0.2	0
125	A Unified Treatment of Finite and Infinite Economies: Limited Arbitrage is Necessary and Sufficient for the Existence of Equilibrium and the Core. SSRN Electronic Journal, 1998, , .	0.4	0
126	Energy Security, Economic Development and Global Warming: Addressing Short and Long Term Challenges. SSRN Electronic Journal, 2009, , .	0.4	0

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127	The Topology of Greed and Fear. , 2016, , 240-256.		0
128	The Foundations of Uncertainty with Black Swans. Studies in Economic Theory, 2016, , 117-128.	0.0	0
129	North-South Trade and the Global Environment. , 2001, , 95-118.		0
130	Asteroids: Assessing Catastrophic Risks. SSRN Electronic Journal, 0, , .	0.4	0
131	The Foundations of Statistics with Black Swans. SSRN Electronic Journal, 0, , .	0.4	0
132	Catastrophic Risks. SSRN Electronic Journal, 0, , .	0.4	0
133	The Influence of Fear in Decisions: Experimental Evidence. SSRN Electronic Journal, 0, , .	0.4	0
134	An Extension of Comparative Statics to a General Class of Optimal Choice Models. SSRN Electronic Journal, 0, , .	0.4	0
135	Manipulations and Repeated Games in Futures Markets. SSRN Electronic Journal, 0, , .	0.4	0
136	Limited Arbitrage is Necessary and Sufficient for the Non-Emptiness of the Core. SSRN Electronic Journal, 0, , .	0.4	0
137	Ecology and the Knowledge Revolution. SSRN Electronic Journal, 0, , .	0.4	0
138	North-South Trade and the Dynamics of the Environment. , 1998, , 77-107.		0
139	The Economics of Environmental Risks. SSRN Electronic Journal, 0, , .	0.4	0
140	North South Trade and the Dynamics of the Environment,. SSRN Electronic Journal, 0, , .	0.4	0
141	The Topology of Change Foundations of Probability with Black Swans Dedicated to the Memory of Jerrold Marsden. Studies in Economic Theory, 2016, , 129-146.	0.0	0
142	The Topology of Quantum Theory and Social Choice. Quantum Reports, 2022, 4, 201-220.	1.3	0