Stuart Kauffman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1002443/publications.pdf

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45 papers	1,844 citations	516561 16 h-index	395590 33 g-index
56 all docs	56 docs citations	56 times ranked	1504 citing authors

#	Article	IF	Citations
1	Cancer attractors: A systems view of tumors from a gene network dynamics and developmental perspective. Seminars in Cell and Developmental Biology, 2009, 20, 869-876.	2.3	491
2	Evolution before genes. Biology Direct, 2012, 7, 1; discussion 1.	1.9	225
3	Optimal search on a technology landscape. Journal of Economic Behavior and Organization, 2000, 43, 141-166.	1.0	198
4	On emergence, agency, and organization. Biology and Philosophy, 2006, 21, 501-521.	0.7	135
5	The Structure of Autocatalytic Sets: Evolvability, Enablement, and Emergence. Acta Biotheoretica, 2012, 60, 379-392.	0.7	102
6	Economic Opportunity and Evolution: Beyond Landscapes and Bounded Rationality. Strategic Entrepreneurship Journal, 2014, 8, 269-282.	2.6	96
7	Autocatalytic chemical networks at the origin of metabolism. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20192377.	1.2	90
8	Economics for a creative world. Journal of Institutional Economics, 2015, 11, 1-31.	1.3	84
9	Factor markets, actors, and affordances. Industrial and Corporate Change, 2016, 25, 133-147.	1.7	46
10	Biodiversity is autocatalytic. Ecological Modelling, 2017, 346, 70-76.	1.2	42
11	Niche emergence as an autocatalytic process in the evolution of ecosystems. Journal of Theoretical Biology, 2018, 454, 110-117.	0.8	42
12	Quantum Biology on the Edge of Quantum Chaos. PLoS ONE, 2014, 9, e89017.	1.1	34
13	Ensembles, dynamics, and cell types: Revisiting the statistical mechanics perspective on cellular regulation. Journal of Theoretical Biology, 2019, 467, 15-22.	0.8	34
14	Question 1: Origin of Life and the Living State. Origins of Life and Evolution of Biospheres, 2007, 37, 315-322.	0.8	32
15	Answering SchrÃ¶dingerâ€™s â€œWhat Is Life?â€• Entropy, 2020, 22, 815.	1.1	28
16	On the emergence of ecological and economic niches. Journal of Bioeconomics, 2020, 22, 99-127.	1.5	28
17	Molecular Diversity Required for the Formation of Autocatalytic Sets. Life, 2019, 9, 23.	1.1	17
18	Resource origins and search. Strategic Management Journal, 2023, 44, 1514-1533.	4.7	17

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19	Toward an evolutionary-predictive foundation for creativity. Psychonomic Bulletin and Review, 2016, 23, 632-639.	1.4	14
20	The World Is Not a Theorem. Entropy, 2021, 23, 1467.	1.1	14
21	Small-molecule autocatalytic networks are universal metabolic fossils. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	13
22	Cosmic Mind?. Theology and Science, 2016, 14, 36-47.	0.2	11
23	EROS AND LOGOS. Angelaki - Journal of the Theoretical Humanities, 2020, 25, 9-23.	0.3	9
24	Innovation and The Evolution of the Economic Web. Entropy, 2019, 21, 864.	1.1	5
25	The Expected Number of Viable Autocatalytic Sets in Chemical Reaction Systems. Artificial Life, 2021, 27, 1-14.	1.0	4
26	What Is Life?. Israel Journal of Chemistry, 2015, 55, 875-879.	1.0	3
27	Mind, Body, Quantum Mechanics. Activitas Nervosa Superior, 2019, 61, 61-64.	0.4	3
28	Taking Heisenbergâ€™s Potentia Seriously. , 2019, , 223-237.		3
29	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. PLoS Computational Biology, 2020, 16, e1008401.	1.5	3
30	Transition Therapy: Tackling the Ecology of Tumor Phenotypic Plasticity. Bulletin of Mathematical Biology, 2022, 84, 24.	0.9	3
31	Study Design and the Drug Development Process. JAMA - Journal of the American Medical Association, 2014, 311, 2023.	3.8	2
32	The Origin of Life, Evolution, and Functional Organization. , 2013, , 49-60.		2
33	Autogen is a Kantian Whole in the Non-Entailed World. Biosemiotics, 2021, 14, 569-572.	0.8	2
34	Commentary on â€œAn evolutionary framework for cultural change: Selectionism versus communal exchangeâ€•by Liane Gabora. Physics of Life Reviews, 2013, 10, 154-155.	1.5	1
35	Economics for a creative world: a response to comments. Journal of Institutional Economics, 2015, 11, 61-68.	1.3	1
36	Must God Be Dead? Reinventing the Sacred. Theology and Science, 2017, 15, 235-248.	0.2	1

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37	A note on random catalytic branching processes. Journal of Theoretical Biology, 2018, 437, 222-224.	0.8	1
38	What's evolving in artificial life. Nature, 1988, 331, 390-391.	13.7	0
39	Response to Peterson, Keller, and Sweet et al.. Theology and Science, 2016, 14, 78-83.	0.2	0
40	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
41	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
42	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
43	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
44	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
45	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0