

Stuart Kauffman

List of Publications by Year in descending order

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Version: 2024-02-01

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	Resource origins and search. <i>Strategic Management Journal</i> , 2023, 44, 1514-1533.	4.7	17
2	Transition Therapy: Tackling the Ecology of Tumor Phenotypic Plasticity. <i>Bulletin of Mathematical Biology</i> , 2022, 84, 24.	0.9	3
3	Small-molecule autocatalytic networks are universal metabolic fossils. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, .	1.6	13
4	The Expected Number of Viable Autocatalytic Sets in Chemical Reaction Systems. <i>Artificial Life</i> , 2021, 27, 1-14.	1.0	4
5	The World Is Not a Theorem. <i>Entropy</i> , 2021, 23, 1467.	1.1	14
6	Autogen is a Kantian Whole in the Non-Entailed World. <i>Biosemiotics</i> , 2021, 14, 569-572.	0.8	2
7	Answering Schrödinger's "What Is Life?". <i>Entropy</i> , 2020, 22, 815.	1.1	28
8	EROS AND LOGOS. <i>Angelaki - Journal of the Theoretical Humanities</i> , 2020, 25, 9-23.	0.3	9
9	On the emergence of ecological and economic niches. <i>Journal of Bioeconomics</i> , 2020, 22, 99-127.	1.5	28
10	Autocatalytic chemical networks at the origin of metabolism. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192377.	1.2	90
11	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. <i>PLoS Computational Biology</i> , 2020, 16, e1008401.	1.5	3
12	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
13	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
14	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
15	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
16	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
17	Inferring evolutionary pathways and directed genotype networks of foodborne pathogens. , 2020, 16, e1008401.		0
18	Innovation and The Evolution of the Economic Web. <i>Entropy</i> , 2019, 21, 864.	1.1	5

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19	Ensembles, dynamics, and cell types: Revisiting the statistical mechanics perspective on cellular regulation. <i>Journal of Theoretical Biology</i> , 2019, 467, 15-22.	0.8	34
20	Mind, Body, Quantum Mechanics. <i>Activitas Nervosa Superior</i> , 2019, 61, 61-64.	0.4	3
21	Molecular Diversity Required for the Formation of Autocatalytic Sets. <i>Life</i> , 2019, 9, 23.	1.1	17
22	Taking Heisenberg's Potentia Seriously. , 2019, , 223-237.		3
23	A note on random catalytic branching processes. <i>Journal of Theoretical Biology</i> , 2018, 437, 222-224.	0.8	1
24	Niche emergence as an autocatalytic process in the evolution of ecosystems. <i>Journal of Theoretical Biology</i> , 2018, 454, 110-117.	0.8	42
25	Biodiversity is autocatalytic. <i>Ecological Modelling</i> , 2017, 346, 70-76.	1.2	42
26	Must God Be Dead? Reinventing the Sacred. <i>Theology and Science</i> , 2017, 15, 235-248.	0.2	1
27	Toward an evolutionary-predictive foundation for creativity. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 632-639.	1.4	14
28	Factor markets, actors, and affordances. <i>Industrial and Corporate Change</i> , 2016, 25, 133-147.	1.7	46
29	Cosmic Mind?. <i>Theology and Science</i> , 2016, 14, 36-47.	0.2	11
30	Response to Peterson, Keller, and Sweet et al.. <i>Theology and Science</i> , 2016, 14, 78-83.	0.2	0
31	Economics for a creative world: a response to comments. <i>Journal of Institutional Economics</i> , 2015, 11, 61-68.	1.3	1
32	What Is Life?. <i>Israel Journal of Chemistry</i> , 2015, 55, 875-879.	1.0	3
33	Economics for a creative world. <i>Journal of Institutional Economics</i> , 2015, 11, 1-31.	1.3	84
34	Quantum Biology on the Edge of Quantum Chaos. <i>PLoS ONE</i> , 2014, 9, e89017.	1.1	34
35	Economic Opportunity and Evolution: Beyond Landscapes and Bounded Rationality. <i>Strategic Entrepreneurship Journal</i> , 2014, 8, 269-282.	2.6	96
36	Study Design and the Drug Development Process. <i>JAMA - Journal of the American Medical Association</i> , 2014, 311, 2023.	3.8	2

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37	Commentary on "An evolutionary framework for cultural change: Selectionism versus communal exchange" by Liane Gabora. <i>Physics of Life Reviews</i> , 2013, 10, 154-155.	1.5	1
38	The Origin of Life, Evolution, and Functional Organization. , 2013, , 49-60.		2
39	The Structure of Autocatalytic Sets: Evolvability, Enablement, and Emergence. <i>Acta Biotheoretica</i> , 2012, 60, 379-392.	0.7	102
40	Evolution before genes. <i>Biology Direct</i> , 2012, 7, 1; discussion 1.	1.9	225
41	Cancer attractors: A systems view of tumors from a gene network dynamics and developmental perspective. <i>Seminars in Cell and Developmental Biology</i> , 2009, 20, 869-876.	2.3	491
42	Question 1: Origin of Life and the Living State. <i>Origins of Life and Evolution of Biospheres</i> , 2007, 37, 315-322.	0.8	32
43	On emergence, agency, and organization. <i>Biology and Philosophy</i> , 2006, 21, 501-521.	0.7	135
44	Optimal search on a technology landscape. <i>Journal of Economic Behavior and Organization</i> , 2000, 43, 141-166.	1.0	198
45	What's evolving in artificial life. <i>Nature</i> , 1988, 331, 390-391.	13.7	0