

Elliott Sober

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

5,275
citations

201674

27
h-index

106344

65
g-index

86
all docs

86
docs citations

86
times ranked

1959
citing authors

#	ARTICLE	IF	CITATIONS
1	Reintroducing group selection to the human behavioral sciences. Behavioral and Brain Sciences, 1994, 17, 585-608.	0.7	1,010
2	How to Tell When Simpler, More Unified, or Less Ad Hoc Theories will Provide More Accurate Predictions. British Journal for the Philosophy of Science, 1994, 45, 1-35.	2.3	602
3	Evolution, Population Thinking, and Essentialism. Philosophy of Science, 1980, 47, 350-383.	1.0	468
4	The Multiple Realizability Argument against Reductionism. Philosophy of Science, 1999, 66, 542-564.	1.0	218
5	A Critical Assessment of Levins's The Strategy of Model Building in Population Biology (1966). Quarterly Review of Biology, 1993, 68, 533-546.	0.1	189
6	Equilibrium explanation. Philosophical Studies, 1983, 43, 201-210.	0.8	168
7	Mathematics and Indispensability. Philosophical Review, The, 1993, 102, 35.	0.4	150
8	Venetian Sea Levels, British Bread Prices, and the Principle of the Common Cause. British Journal for the Philosophy of Science, 2001, 52, 331-346.	2.3	146
9	Why science needs philosophy. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 3948-3952.	7.1	115
10	The Contest Between Parsimony and Likelihood. Systematic Biology, 2004, 53, 644-653.	5.6	94
11	Two Outbreaks of Lawlessness in Recent Philosophy of Biology. Philosophy of Science, 1997, 64, S458-S467.	1.0	91
12	Explanatory presupposition. Australasian Journal of Philosophy, 1986, 64, 143-149.	0.8	59
13	Testing the Hypothesis of Common Ancestry. Journal of Theoretical Biology, 2002, 218, 395-408.	1.7	59
14	A LIKELIHOOD JUSTIFICATION OF PARSIMONY. Cladistics, 1985, 1, 209-233.	3.3	58
15	Absence of evidence and evidence of absence: evidential transitivity in connection with fossils, fishing, fine-tuning, and firing squads. Philosophical Studies, 2009, 143, 63-90.	0.8	57
16	The evolution of altruism: Correlation, cost, and benefit. Biology and Philosophy, 1992, 7, 177-187.	1.4	55
17	Testing the Hypothesis of Common Ancestry. Journal of Theoretical Biology, 2002, 218, 395-408.	1.7	55
18	Plantinga's Probability Arguments Against Evolutionary Naturalism. Pacific Philosophical Quarterly, 1998, 79, 115-129.	0.7	50

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19	Panglossian functionalism and the philosophy of mind. <i>Synthese</i> , 1985, 64, 165-193.	1.1	43
20	“Elliott Sober. <i>Aristotelian Society Supplementary Volume</i> , 2000, 74, 237-280.	0.4	41
21	Evolutionary theory and the ontological status of properties. <i>Philosophical Studies</i> , 1981, 40, 147-176.	0.8	39
22	Intelligent design and probability reasoning. <i>International Journal for Philosophy of Religion</i> , 2002, 52, 65-80.	0.5	35
23	Independent Evidence about a Common Cause. <i>Philosophy of Science</i> , 1989, 56, 275-287.	1.0	35
24	Revisability, a priori truth, and evolution. <i>Australasian Journal of Philosophy</i> , 1981, 59, 68-85.	0.8	32
25	Conjunctive forks and temporally asymmetric inference. <i>Australasian Journal of Philosophy</i> , 1992, 70, 1-23.	0.8	31
26	WHAT IS WRONG WITH INTELLIGENT DESIGN?. <i>Quarterly Review of Biology</i> , 2007, 82, 3-8.	0.1	31
27	Cartwright On Explanation And Idealization. <i>Erkenntnis</i> , 2002, 57, 441-450.	0.9	30
28	<i>A Priori</i> Causal Models of Natural Selection. <i>Australasian Journal of Philosophy</i> , 2011, 89, 571-589.	0.8	30
29	Testing the hypothesis of common ancestry. <i>Journal of Theoretical Biology</i> , 2002, 218, 395-408.	1.7	29
30	Modus Darwin. <i>Biology and Philosophy</i> , 1999, 14, 253-278.	1.4	28
31	Parsimony and predictive equivalence. <i>Erkenntnis</i> , 1996, 44, 167-197.	0.9	27
32	Did Darwin write the <i>Origin</i> backwards?. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 10048-10055.	7.1	27
33	Common Ancestry and Natural Selection. <i>British Journal for the Philosophy of Science</i> , 2003, 54, 423-437.	2.3	26
34	Explanatoriness and Evidence: A Reply to McCain and Poston. <i>Thought</i> , 2014, 3, 193-199.	0.3	26
35	Multilevel selection and the return of group-level functionalism. <i>Behavioral and Brain Sciences</i> , 1998, 21, 305-306.	0.7	25
36	Is the Mind an Adaptation for Coping with Environmental Complexity?. <i>Biology and Philosophy</i> , 1997, 12, 539-550.	1.4	24

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37	Trait fitness is not a propensity, but fitness variation is. <i>Studies in History and Philosophy of Science Part C: Studies in History and Philosophy of Biological and Biomedical Sciences</i> , 2013, 44, 336-341.	1.3	23
38	Perspectives and Parameterizations Commentary on Benjamin Kerr and Peter Godfrey-Smith's "Individualist and Multi-Level Perspectives on Selection in Structured Populations". <i>Biology and Philosophy</i> , 2002, 17, 529-537.	1.4	21
39	Representation and psychological reality. <i>Behavioral and Brain Sciences</i> , 1980, 3, 38-39.	0.7	20
40	Realism, Conventionalism, and Causal Decomposition in Units of Selection: Reflections on Samir Okasha's "Evolution and the Levels of Selection". <i>Philosophy and Phenomenological Research</i> , 2011, 82, 221-231.	0.8	20
41	PARSIMONY AND CHARACTER WEIGHTING. <i>Cladistics</i> , 1986, 2, 28-42.	3.3	18
42	Anthropomorphism, Parsimony, and Common Ancestry. <i>Mind and Language</i> , 2012, 27, 229-238.	2.3	17
43	Temporally oriented laws. <i>Synthese</i> , 1993, 94, 171-189.	1.1	15
44	Puzzles for ZFEL, McShea and Brandon's zero force evolutionary law. <i>Biology and Philosophy</i> , 2012, 27, 723-735.	1.4	14
45	Time and Knowability in Evolutionary Processes. <i>Philosophy of Science</i> , 2014, 81, 558-579.	1.0	14
46	Anatomizing the rhinoceros. <i>Behavioral and Brain Sciences</i> , 1990, 13, 764-765.	0.7	13
47	Are human beings part of the rest of nature?. <i>Biology and Philosophy</i> , 2002, 17, 661-671.	1.4	13
48	Fodor's Bubbe Meise Against Darwinism1. <i>Mind and Language</i> , 2008, 23, 42-49.	2.3	12
49	The adaptive advantage of learning and <i>a priori</i> prejudice. , 1994, , 50-70.		11
50	Natural Selection, Causality, and Laws: What Fodor and Piatelli-Palmarini Got Wrong*. <i>Philosophy of Science</i> , 2010, 77, 594-607.	1.0	11
51	Reichenbach's cubical universe and the problem of the external world. <i>Synthese</i> , 2011, 181, 3-21.	1.1	11
52	Evolution without Naturalism. , 2011, , 187-221.		11
53	Testing for treeness: lateral gene transfer, phylogenetic inference, and model selection. <i>Biology and Philosophy</i> , 2010, 25, 675-687.	1.4	8
54	Entropy increase and information loss in Markov models of evolution. <i>Biology and Philosophy</i> , 2011, 26, 223-250.	1.4	8

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55	Simplicity.. Systematic Zoology, 1979, 28, 643.	1.6	6
56	Replies to commentators on Did Darwin Write the Origin Backwards?. Philosophical Studies, 2015, 172, 829-840.	0.8	6
57	The Design Argument. , 2004, , 98-129.		6
58	The Second Law of Probability Dynamics. British Journal for the Philosophy of Science, 1994, 45, 941-953.	2.3	5
59	Group selection: The theory replaces the bogey man. Behavioral and Brain Sciences, 1994, 17, 639-654.	0.7	5
60	Two Cornell realisms: moral and scientific. Philosophical Studies, 2015, 172, 905-924.	0.8	5
61	Replies to Kristin Andrews's, Gordon Belot's, and Patrick Forber's reviews. Metascience, 2016, 25, 393-403.	0.3	5
62	Disjunction and distality: the hard problem for purely probabilistic causal theories of mental content. Synthese, 2019, 198, 7197.	1.1	5
63	Remembering Richard Lewontin (1929-2021). Biological Theory, 2021, 16, 257-267.	1.5	5
64	More on group selection and human behavior. Behavioral and Brain Sciences, 1996, 19, 782-787.	0.7	4
65	Causal, <i>A Priori</i> True, and Explanatory: A Reply to Lange and Rosenberg. Australasian Journal of Philosophy, 2015, 93, 167-171.	0.8	4
66	The philosophical significance of Stein's paradox. European Journal for Philosophy of Science, 2017, 7, 411-433.	1.1	4
67	Praxis of Evidence and Evolution: The Logic behind the Science. Philosophy and Phenomenological Research, 2011, 83, 661-665.	0.8	3
68	Introduction to the Synthese special issue on Hans Reichenbach, Istanbul, and Experience and Prediction. Synthese, 2011, 181, 1-2.	1.1	3
69	Is Explanatoriness a Guide to Confirmation? A Reply to Climenhaga. Journal for General Philosophy of Science, 2017, 48, 581-590.	1.4	3
70	A theory of contrastive causal explanation and its implications concerning the explanatoriness of deterministic and probabilistic hypotheses. European Journal for Philosophy of Science, 2020, 10, 1.	1.1	3
71	What is relative plausibility?. International Journal of Evidence and Proof, 2019, 23, 198-204.	0.4	2
72	Coincidences and How to Reason About Them. , 2012, , 355-374.		2

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73	Optimist/pessimist. Behavioral and Brain Sciences, 1987, 10, 87-88.	0.7	1
74	When and why does entropy increase?. , 1995, , 230-256.		1
75	How probable is common ancestry according to different evolutionary processes?. Journal of Theoretical Biology, 2015, 373, 111-116.	1.7	1
76	Histories, dynamical laws, and initial conditions—Invariance under time-reversibility and its failure in Markov processes, with application to the second law of thermodynamics and the past hypothesis. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2020, 69, 26-31.	1.4	1
77	Extremum descriptions, process laws and minimality heuristics. Behavioral and Brain Sciences, 1991, 14, 232-233.	0.7	0
78	Precis of “Did Darwin write the Origin backwards?” Philosophical essays on Darwin’s theory. Philosophical Studies, 2015, 172, 799-802.	0.8	0
79	Hypotheses that attribute false beliefs: A two-part epistemology (Darwin + Akaike). Mind and Language, 2020, , .	2.3	0
80	Purely Probabilistic Measures of Explanatory Power – A Critique. Philosophy of Science, 0, , 1-53.	1.0	0