

Judea Pearl

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

12,455
citations

117453

34
h-index

91712

69
g-index

88
all docs

88
docs citations

88
times ranked

11206
citing authors

#	ARTICLE	IF	CITATIONS
1	Causal Diagrams for Epidemiologic Research. <i>Epidemiology</i> , 1999, 10, 37-48.	1.2	2,911
2	Causal diagrams for empirical research. <i>Biometrika</i> , 1995, 82, 669-688.	1.3	1,503
3	Causal inference in statistics: An overview. <i>Statistics Surveys</i> , 2009, 3, .	7.3	1,254
4	Confounding and Collapsibility in Causal Inference. <i>Statistical Science</i> , 1999, 14, 29.	1.6	649
5	Causes and Explanations: A Structural-Model Approach. Part I: Causes. <i>British Journal for the Philosophy of Science</i> , 2005, 56, 843-887.	1.4	423
6	Bounds on Treatment Effects from Studies with Imperfect Compliance. <i>Journal of the American Statistical Association</i> , 1997, 92, 1171-1176.	1.8	406
7	An Introduction to Causal Inference. <i>International Journal of Biostatistics</i> , 2010, 6, Article 7.	0.4	347
8	Interpretation and identification of causal mediation.. <i>Psychological Methods</i> , 2014, 19, 459-481.	2.7	330
9	Causal inference and the data-fusion problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 7345-7352.	3.3	325
10	Identifying independence in bayesian networks. <i>Networks</i> , 1990, 20, 507-534.	1.6	320
11	The seven tools of causal inference, with reflections on machine learning. <i>Communications of the ACM</i> , 2019, 62, 54-60.	3.3	312
12	The Causal Mediation Formula—A Guide to the Assessment of Pathways and Mechanisms. <i>Prevention Science</i> , 2012, 13, 426-436.	1.5	262
13	External Validity: From Do-Calculus to Transportability Across Populations. <i>Statistical Science</i> , 2014, 29, .	1.6	257
14	Graphs, Causality, and Structural Equation Models. <i>Sociological Methods and Research</i> , 1998, 27, 226-284.	4.3	243
15	Qualitative probabilities for default reasoning, belief revision, and causal modeling. <i>Artificial Intelligence</i> , 1996, 84, 57-112.	3.9	235
16	Invited Commentary: Understanding Bias Amplification. <i>American Journal of Epidemiology</i> , 2011, 174, 1223-1227.	1.6	143
17	Comment: Understanding Simpson’s Paradox. <i>American Statistician</i> , 2014, 68, 8-13.	0.9	143
18	Causes and Explanations: A Structural-Model Approach. Part II: Explanations. <i>British Journal for the Philosophy of Science</i> , 2005, 56, 889-911.	1.4	135

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19	An Axiomatic Characterization of Causal Counterfactuals. <i>Foundations of Science</i> , 1998, 3, 151-182.	0.4	122
20	Statistics and causal inference: A review. <i>Test</i> , 2003, 12, 281-345.	0.7	122
21	On the Consistency Rule in Causal Inference. <i>Epidemiology</i> , 2010, 21, 872-875.	1.2	114
22	A General Algorithm for Deciding Transportability of Experimental Results. <i>Journal of Causal Inference</i> , 2013, 1, 107-134.	0.5	114
23	Probabilities of causation: Bounds and identification. <i>Annals of Mathematics and Artificial Intelligence</i> , 2000, 28, 287-313.	0.9	103
24	Linear Models: A Useful "Microscope" for Causal Analysis. <i>Journal of Causal Inference</i> , 2013, 1, 155-170.	0.5	85
25	Transportability of Causal and Statistical Relations: A Formal Approach. , 2011, , .		79
26	Causal Inference in the Health Sciences: A Conceptual Introduction. <i>Health Services and Outcomes Research Methodology</i> , 2001, 2, 189-220.	0.8	77
27	A Crash Course in Good and Bad Controls. <i>Sociological Methods and Research</i> , 0, , 004912412210995.	4.3	77
28	Bounds on Direct Effects in the Presence of Confounded Intermediate Variables. <i>Biometrics</i> , 2008, 64, 695-701.	0.8	76
29	Graphical Models for Probabilistic and Causal Reasoning. , 1998, , 367-389.		74
30	Adjustments and their Consequences-Collapsibility Analysis using Graphical Models. <i>International Statistical Review</i> , 2011, 79, 401-426.	1.1	73
31	Counterfactual Probabilities: Computational Methods, Bounds and Applications. , 1994, , 46-54.		63
32	Probabilities Of Causation: Three Counterfactual Interpretations And Their Identification. <i>Synthese</i> , 1999, 121, 93-149.	0.6	62
33	Axioms of causal relevance. <i>Artificial Intelligence</i> , 1997, 97, 9-43.	3.9	60
34	Causal inference from indirect experiments. <i>Artificial Intelligence in Medicine</i> , 1995, 7, 561-582.	3.8	58
35	Bayesianism and Causality, or, Why I am Only a Half-Bayesian. <i>Applied Logic Series</i> , 2001, , 19-36.	0.3	50
36	A Crash Course in Good and Bad Controls. <i>SSRN Electronic Journal</i> , 0, , .	0.4	47

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37	Graphical Models for Processing Missing Data. Journal of the American Statistical Association, 2021, 116, 1023-1037.	1.8	44
38	Generalizing Experimental Findings. Journal of Causal Inference, 2015, 3, 259-266.	0.5	42
39	Structural Counterfactuals: A Brief Introduction. Cognitive Science, 2013, 37, 977-985.	0.8	40
40	Bounds on Treatment Effects from Studies with Imperfect Compliance. , 0, .		38
41	Application of Walsh Transform to Statistical Analysis. IEEE Transactions on Systems, Man, and Cybernetics, 1971, SMC-1, 111-119.	0.9	32
42	Lord's Paradox Revisited " (Oh Lord! Kumbaya!). Journal of Causal Inference, 2016, 4, .	0.5	31
43	Does Obesity Shorten Life? Or is it the Soda? On Non-manipulable Causes. Journal of Causal Inference, 2018, 6, .	0.5	30
44	TETRAD and SEM. Multivariate Behavioral Research, 1998, 33, 119-128.	1.8	27
45	The algorithmization of counterfactuals. Annals of Mathematics and Artificial Intelligence, 2011, 61, 29-39.	0.9	24
46	Causality and Counterfactuals in the Situation Calculus. Journal of Logic and Computation, 2007, 17, 939-953.	0.5	18
47	Challenging the hegemony of randomized controlled trials: A commentary on Deaton and Cartwright. Social Science and Medicine, 2018, 210, 60-62.	1.8	18
48	Statistics and Causality: Separated to Reunite-Commentary on Bryan Dowd's "Separated at Birth" Health Services Research, 2011, 46, 421-429.	1.0	17
49	The Deductive Approach to Causal Inference. Journal of Causal Inference, 2014, 2, 115-129.	0.5	17
50	Confounding Equivalence in Causal Inference. Journal of Causal Inference, 2014, 2, 75-93.	0.5	17
51	Detecting Latent Heterogeneity. Sociological Methods and Research, 2017, 46, 370-389.	4.3	16
52	Radical empiricism and machine learning research. Journal of Causal Inference, 2021, 9, 78-82.	0.5	15
53	On the Interpretation of $do(x)do(x)$. Journal of Causal Inference, 2019, 7, .	0.5	14
54	Structural and Probabilistic Causality. Psychology of Learning and Motivation - Advances in Research and Theory, 1996, , 393-435.	0.5	13

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55	On logic and probability. Computational Intelligence, 1988, 4, 99-103.	2.1	11
56	The Sure-Thing Principle. Journal of Causal Inference, 2016, 4, 81-86.	0.5	11
57	Recovering from Selection Bias in Causal and Statistical Inference. , 2022, , 433-450.		11
58	Note on "Generalizability of Study Results". Epidemiology, 2019, 30, 186-188.	1.2	10
59	Comment on "Causal inference, probability theory, and graphical insights" by Stuart G. Baker. Statistics in Medicine, 2013, 32, 4331-4333.	0.8	9
60	Is Scientific Knowledge Useful for Policy Analysis? A Peculiar Theorem Says: No. Journal of Causal Inference, 2014, 2, 109-112.	0.5	9
61	A Linear "Microscope" for Interventions and Counterfactuals. Journal of Causal Inference, 2017, 5, .	0.5	9
62	Causation, Action, and Counterfactuals. , 1997, , 355-375.		9
63	Comment on Ding and Miratrix: "To Adjust or Not to Adjust?". Journal of Causal Inference, 2015, 3, 59-60.	0.5	8
64	Comments on: The tale wagged by the DAG. International Journal of Epidemiology, 2018, 47, 1002-1004.	0.9	8
65	Graphical models, potential outcomes and causal inference: Comment on Linquist and Sobel. NeuroImage, 2011, 58, 770-771.	2.1	6
66	The Curse of Free-Will and the Paradox of Inevitable Regret. Journal of Causal Inference, 2013, 1, 255-257.	0.5	6
67	Generalizing experimental results by leveraging knowledge of mechanisms. European Journal of Epidemiology, 2021, 36, 149-164.	2.5	6
68	On the Identification of Nonparametric Structural Models. Lecture Notes in Statistics, 1997, , 29-68.	0.1	6
69	Physical and Metaphysical Counterfactuals: Evaluating Disjunctive Actions. Journal of Causal Inference, 2017, 5, .	0.5	5
70	On Two Pseudo-Paradoxes in Bayesian Analysis. Annals of Mathematics and Artificial Intelligence, 2001, 32, 171-177.	0.9	4
71	Discussion on "Surrogate Measures and Consistent Surrogates". Biometrics, 2013, 69, 573-577.	0.8	4
72	Sufficient Causes: On Oxygen, Matches, and Fires. Journal of Causal Inference, 2019, 7, .	0.5	4

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73	Graphical Models for Probabilistic and Causal Reasoning. , 2014, , 1-24.		4
74	Conditioning on Post-treatment Variables. Journal of Causal Inference, 2015, 3, 131-137.	0.5	3
75	The new science of cause and effect, with reflections on data science and artificial intelligence. , 2019, , .		3
76	A Causal Calculus for Statistical Research. Lecture Notes in Statistics, 1996, , 23-33.	0.1	3
77	Comment: Understanding Simpson's Paradox. , 2022, , 399-412.		3
78	Probabilities of Causation: Three Counterfactual Interpretations and Their Identification. , 2022, , 317-372.		2
79	What is Gained from Past Learning. Journal of Causal Inference, 2018, 6, .	0.5	1
80	Detecting Latent Heterogeneity. SSRN Electronic Journal, 2013, , .	0.4	0
81	Erratum to Is Scientific Knowledge Useful for Policy Analysis? A Peculiar Theorem Says: No [J Causal Inference DOI:]. Journal of Causal Inference, 2014, 2, 249.	0.5	0
82	Graphoids over Counterfactuals. Journal of Causal Inference, 2014, 2, 243-248.	0.5	0
83	Detecting Latent Heterogeneity. , 2022, , 483-506.		0