

Judea Pearl

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83
papers

8,545
citations

34
h-index

88
g-index

88
ext. papers

10,411
ext. citations

2.6
avg, IF

7.02
L-index

#	Paper	IF	Citations
83	Causal Diagrams for Epidemiologic Research. <i>Epidemiology</i> , 1999 , 10, 37-48	3.1	2270
82	Causal diagrams for empirical research. <i>Biometrika</i> , 1995 , 82, 669-688	2	985
81	Causal inference in statistics: An overview. <i>Statistics Surveys</i> , 2009 , 3,	1.7	770
80	Confounding and Collapsibility in Causal Inference. <i>Statistical Science</i> , 1999 , 14, 29	2.4	499
79	Bounds on Treatment Effects from Studies with Imperfect Compliance. <i>Journal of the American Statistical Association</i> , 1997 , 92, 1171-1176	2.8	289
78	Causes and Explanations: A Structural-Model Approach. Part I: Causes. <i>British Journal for the Philosophy of Science</i> , 2005 , 56, 843-887	1.7	288
77	Identifying independence in bayesian networks. <i>Networks</i> , 1990 , 20, 507-534	1.6	248
76	Interpretation and identification of causal mediation. <i>Psychological Methods</i> , 2014 , 19, 459-81	7.1	232
75	An introduction to causal inference. <i>International Journal of Biostatistics</i> , 2010 , 6, Article 7	1.3	223
74	The causal mediation formula--a guide to the assessment of pathways and mechanisms. <i>Prevention Science</i> , 2012 , 13, 426-36	4	202
73	Qualitative probabilities for default reasoning, belief revision, and causal modeling. <i>Artificial Intelligence</i> , 1996 , 84, 57-112	3.6	201
72	External Validity: From Do-Calculus to Transportability Across Populations. <i>Statistical Science</i> , 2014 , 29,	2.4	178
71	Causal inference and the data-fusion problem. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 7345-52	11.5	176
70	Graphs, Causality, and Structural Equation Models. <i>Sociological Methods and Research</i> , 1998 , 27, 226-284	2.9	156
69	The seven tools of causal inference, with reflections on machine learning. <i>Communications of the ACM</i> , 2019 , 62, 54-60	2.5	141
68	Invited commentary: understanding bias amplification. <i>American Journal of Epidemiology</i> , 2011 , 174, 1223-7; discussion pg 1228-9	3.8	110
67	Comment: Understanding Simpson's Paradox. <i>American Statistician</i> , 2014 , 68, 8-13	5	106

66	On the consistency rule in causal inference: axiom, definition, assumption, or theorem?. <i>Epidemiology</i> , 2010 , 21, 872-5	3.1	96
65	A General Algorithm for Deciding Transportability of Experimental Results. <i>Journal of Causal Inference</i> , 2013 , 1, 107-134	1.9	89
64	An Axiomatic Characterization of Causal Counterfactuals. <i>Foundations of Science</i> , 1998 , 3, 151-182	0.8	79
63	Statistics and causal inference: A review. <i>Test</i> , 2003 , 12, 281-345	1.1	77
62	Causes and Explanations: A Structural-Model Approach. Part II: Explanations. <i>British Journal for the Philosophy of Science</i> , 2005 , 56, 889-911	1.7	77
61	Linear Models: A Useful Microscope for Causal Analysis. <i>Journal of Causal Inference</i> , 2013 , 1, 155-170	1.9	64
60	Probabilities of causation: Bounds and identification. <i>Annals of Mathematics and Artificial Intelligence</i> , 2000 , 28, 287-313	0.8	61
59	Bounds on direct effects in the presence of confounded intermediate variables. <i>Biometrics</i> , 2008 , 64, 695-701	1.8	60
58	Adjustments and their Consequences: Collapsibility Analysis using Graphical Models. <i>International Statistical Review</i> , 2011 , 79, 401-426	1.4	56
57	Causal Inference in the Health Sciences: A Conceptual Introduction. <i>Health Services and Outcomes Research Methodology</i> , 2001 , 2, 189-220	1.6	56
56	Axioms of causal relevance. <i>Artificial Intelligence</i> , 1997 , 97, 9-43	3.6	52
55	Causal inference from indirect experiments. <i>Artificial Intelligence in Medicine</i> , 1995 , 7, 561-82	7.4	43
54	Probabilities Of Causation: Three Counterfactual Interpretations And Their Identification. <i>Synthese</i> , 1999 , 121, 93-149	0.8	42
53	Bayesianism and Causality, or, Why I am Only a Half-Bayesian. <i>Applied Logic Series</i> , 2001 , 19-36		40
52	Transportability of Causal and Statistical Relations: A Formal Approach 2011 ,		35
51	Bounds on Treatment Effects from Studies with Imperfect Compliance		34
50	Counterfactual Probabilities: Computational Methods, Bounds and Applications 1994 , 46-54		34
49	Graphical Models for Probabilistic and Causal Reasoning 1998 , 367-389		33

48	Generalizing Experimental Findings. <i>Journal of Causal Inference</i> , 2015 , 3, 259-266	1.9	27
47	Application of Walsh Transform to Statistical Analysis. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 1971 , SMC-1, 111-119		26
46	The Mediation Formula: A Guide to the Assessment of Causal Pathways in Nonlinear Models. <i>Wiley Series in Probability and Statistics</i> , 2012 , 151-179	1.3	20
45	Structural counterfactuals: a brief introduction. <i>Cognitive Science</i> , 2013 , 37, 977-85	2.2	19
44	Does Obesity Shorten Life? Or is it the Soda? On Non-manipulable Causes. <i>Journal of Causal Inference</i> , 2018 , 6,	1.9	19
43	Lord's Paradox Revisited [Oh Lord! Kumbaya!]. <i>Journal of Causal Inference</i> , 2016 , 4,	1.9	18
42	A Crash Course in Good and Bad Controls. <i>SSRN Electronic Journal</i> ,	1	15
41	The algorithmization of counterfactuals. <i>Annals of Mathematics and Artificial Intelligence</i> , 2011 , 61, 29-39.8		14
40	Statistics and causality: separated to reunite-commentary on Bryan Dowd's "separated at birth". <i>Health Services Research</i> , 2011 , 46, 421-9	3.4	12
39	Causality and Counterfactuals in the Situation Calculus. <i>Journal of Logic and Computation</i> , 2007 , 17, 939-953	0.5	12
38	Challenging the hegemony of randomized controlled trials: A commentary on Deaton and Cartwright. <i>Social Science and Medicine</i> , 2018 , 210, 60-62	5.1	11
37	Confounding Equivalence in Causal Inference. <i>Journal of Causal Inference</i> , 2014 , 2, 75-93	1.9	11
36	Detecting Latent Heterogeneity. <i>Sociological Methods and Research</i> , 2017 , 46, 370-389	2.9	8
35	Comments on: The tale wagged by the DAG. <i>International Journal of Epidemiology</i> , 2018 , 47, 1002-1004	7.8	8
34	On the Interpretation of do(x). <i>Journal of Causal Inference</i> , 2019 , 7,	1.9	8
33	The Deductive Approach to Causal Inference. <i>Journal of Causal Inference</i> , 2014 , 2, 115-129	1.9	8
32	Graphical Models for Processing Missing Data. <i>Journal of the American Statistical Association</i> , 2021 , 116, 1023-1037	2.8	8
31	Comment on "Causal inference, probability theory, and graphical insights" by Stuart G. Baker. <i>Statistics in Medicine</i> , 2013 , 32, 4331-3	2.3	7

30	TETRAD and SEM. <i>Multivariate Behavioral Research</i> , 1998 , 33, 119-28	2.3	7
29	Structural and Probabilistic Causality. <i>Psychology of Learning and Motivation - Advances in Research and Theory</i> , 1996 , 393-435	1.4	7
28	Is Scientific Knowledge Useful for Policy Analysis? A Peculiar Theorem Says: No. <i>Journal of Causal Inference</i> , 2014 , 2, 109-112	1.9	6
27	On logic and probability. <i>Computational Intelligence</i> , 1988 , 4, 99-103	2.5	6
26	Note on "Generalizability of Study Results". <i>Epidemiology</i> , 2019 , 30, 186-188	3.1	6
25	Causal Diagrams 2017 , 1-10		5
24	Comment on Ding and Miratrix: "Do Adjust or Not to Adjust?" <i>Journal of Causal Inference</i> , 2015 , 3, 59-60	1.9	5
23	Graphical models, potential outcomes and causal inference: comment on Linqvist and Sobel. <i>NeuroImage</i> , 2011 , 58, 770-1	7.9	5
22	The Sure-Thing Principle. <i>Journal of Causal Inference</i> , 2016 , 4, 81-86	1.9	4
21	A Linear "Microscope" for Interventions and Counterfactuals. <i>Journal of Causal Inference</i> , 2017 , 5,	1.9	4
20	The Curse of Free-Will and the Paradox of Inevitable Regret. <i>Journal of Causal Inference</i> , 2013 , 1, 255-257.	1.9	4
19	Radical empiricism and machine learning research. <i>Journal of Causal Inference</i> , 2021 , 9, 78-82	1.9	4
18	On Two Pseudo-Paradoxes in Bayesian Analysis. <i>Annals of Mathematics and Artificial Intelligence</i> , 2001 , 32, 171-177	0.8	3
17	Graphical Models for Probabilistic and Causal Reasoning 2014 , 1-24		3
16	On the Identification of Nonparametric Structural Models. <i>Lecture Notes in Statistics</i> , 1997 , 29-68	2.9	3
15	Generalizing experimental results by leveraging knowledge of mechanisms. <i>European Journal of Epidemiology</i> , 2021 , 36, 149-164	12.1	3
14	Causal Diagrams 2014 ,		2
13	Physical and Metaphysical Counterfactuals: Evaluating Disjunctive Actions. <i>Journal of Causal Inference</i> , 2017 , 5,	1.9	2

12	Conditioning on Post-treatment Variables. <i>Journal of Causal Inference</i> , 2015 , 3, 131-137	1.9	2
11	Discussion on "surrogate measures and consistent surrogates". <i>Biometrics</i> , 2013 , 69, 575-7	1.8	2
10	Sufficient Causes: On Oxygen, Matches, and Fires. <i>Journal of Causal Inference</i> , 2019 , 7,	1.9	1
9	A Causal Calculus for Statistical Research. <i>Lecture Notes in Statistics</i> , 1996 , 23-33	2.9	1
8	Causation, Action, and Counterfactuals 1997 , 355-375		1
7	The new science of cause and effect, with reflections on data science and artificial intelligence 2019 ,		1
6	Erratum to Is Scientific Knowledge Useful for Policy Analysis? A Peculiar Theorem Says: No [J Causal Inference DOI: 10.1515/jci-2014-0017]. <i>Journal of Causal Inference</i> , 2014 , 2, 249	1.9	
5	Graphoids over Counterfactuals. <i>Journal of Causal Inference</i> , 2014 , 2, 243-248	1.9	
4	Recovering from Selection Bias in Causal and Statistical Inference 2022 , 433-450		
3	Probabilities of Causation: Three Counterfactual Interpretations and Their Identification 2022 , 317-372		
2	Comment: Understanding Simpson's Paradox 2022 , 399-412		
1	Detecting Latent Heterogeneity 2022 , 483-506		