

Judea Pearl

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11530816/publications.pdf>

Version: 2024-02-01

83
papers

12,455
citations

117625

34
h-index

88630

70
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.	2.7	2,911
2	Causal diagrams for empirical research. <i>Biometrika</i> , 1995, 82, 669-688.	2.4	1,503
3	Causal inference in statistics: An overview. <i>Statistics Surveys</i> , 2009, 3, .	11.3	1,254
4	Confounding and Collapsibility in Causal Inference. <i>Statistical Science</i> , 1999, 14, 29.	2.8	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.	2.3	423
6	Bounds on Treatment Effects from Studies with Imperfect Compliance. <i>Journal of the American Statistical Association</i> , 1997, 92, 1171-1176.	3.1	406
7	An Introduction to Causal Inference. <i>International Journal of Biostatistics</i> , 2010, 6, Article 7.	0.7	347
8	Interpretation and identification of causal mediation.. <i>Psychological Methods</i> , 2014, 19, 459-481.	3.5	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.	7.1	325
10	Identifying independence in bayesian networks. <i>Networks</i> , 1990, 20, 507-534.	2.7	320
11	The seven tools of causal inference, with reflections on machine learning. <i>Communications of the ACM</i> , 2019, 62, 54-60.	4.5	312
12	The Causal Mediation Formula—A Guide to the Assessment of Pathways and Mechanisms. <i>Prevention Science</i> , 2012, 13, 426-436.	2.6	262
13	External Validity: From Do-Calculus to Transportability Across Populations. <i>Statistical Science</i> , 2014, 29, .	2.8	257
14	Graphs, Causality, and Structural Equation Models. <i>Sociological Methods and Research</i> , 1998, 27, 226-284.	6.8	243
15	Qualitative probabilities for default reasoning, belief revision, and causal modeling. <i>Artificial Intelligence</i> , 1996, 84, 57-112.	5.8	235
16	Invited Commentary: Understanding Bias Amplification. <i>American Journal of Epidemiology</i> , 2011, 174, 1223-1227.	3.4	143
17	Comment: Understanding Simpson's Paradox. <i>American Statistician</i> , 2014, 68, 8-13.	1.6	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.	2.3	135

#	ARTICLE	IF	CITATIONS
19	An Axiomatic Characterization of Causal Counterfactuals. Foundations of Science, 1998, 3, 151-182.	0.7	122
20	Statistics and causal inference: A review. Test, 2003, 12, 281-345.	1.1	122
21	On the Consistency Rule in Causal Inference. Epidemiology, 2010, 21, 872-875.	2.7	114
22	A General Algorithm for Deciding Transportability of Experimental Results. Journal of Causal Inference, 2013, 1, 107-134.	1.2	114
23	Probabilities of causation: Bounds and identification. Annals of Mathematics and Artificial Intelligence, 2000, 28, 287-313.	1.3	103
24	Linear Models: A Useful “Microscope” for Causal Analysis. Journal of Causal Inference, 2013, 1, 155-170.	1.2	85
25	Transportability of Causal and Statistical Relations: A Formal Approach. , 2011, , .		79
26	Causal Inference in the Health Sciences: A Conceptual Introduction. Health Services and Outcomes Research Methodology, 2001, 2, 189-220.	1.8	77
27	A Crash Course in Good and Bad Controls. Sociological Methods and Research, 0, , 004912412210995.	6.8	77
28	Bounds on Direct Effects in the Presence of Confounded Intermediate Variables. Biometrics, 2008, 64, 695-701.	1.4	76
29	Graphical Models for Probabilistic and Causal Reasoning. , 1998, , 367-389.		74
30	Adjustments and their Consequences-Collapsibility Analysis using Graphical Models. International Statistical Review, 2011, 79, 401-426.	1.9	73
31	Counterfactual Probabilities: Computational Methods, Bounds and Applications. , 1994, , 46-54.		63
32	Probabilities Of Causation: Three Counterfactual Interpretations And Their Identification. SynthÃ^se, 1999, 121, 93-149.	1.1	62
33	Axioms of causal relevance. Artificial Intelligence, 1997, 97, 9-43.	5.8	60
34	Causal inference from indirect experiments. Artificial Intelligence in Medicine, 1995, 7, 561-582.	6.5	58
35	Bayesianism and Causality, or, Why I am Only a Half-Bayesian. Applied Logic Series, 2001, , 19-36.	0.3	50
36	A Crash Course in Good and Bad Controls. SSRN Electronic Journal, 0, , .	0.4	47

#	ARTICLE	IF	CITATIONS
37	Graphical Models for Processing Missing Data. Journal of the American Statistical Association, 2021, 116, 1023-1037.	3.1	44
38	Generalizing Experimental Findings. Journal of Causal Inference, 2015, 3, 259-266.	1.2	42
39	Structural Counterfactuals: A Brief Introduction. Cognitive Science, 2013, 37, 977-985.	1.7	40
40	Bounds on Treatment Effects From Studies With Imperfect Compliance. Journal of the American Statistical Association, 1997, 92, 1171.	3.1	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, .	1.2	31
43	Does Obesity Shorten Life? Or is it the Soda? On Non-manipulable Causes. Journal of Causal Inference, 2018, 6, .	1.2	30
44	TETRAD and SEM. Multivariate Behavioral Research, 1998, 33, 119-128.	3.1	27
45	The algorithmization of counterfactuals. Annals of Mathematics and Artificial Intelligence, 2011, 61, 29-39.	1.3	24
46	Causality and Counterfactuals in the Situation Calculus. Journal of Logic and Computation, 2007, 17, 939-953.	0.8	18
47	Challenging the hegemony of randomized controlled trials: A commentary on Deaton and Cartwright. Social Science and Medicine, 2018, 210, 60-62.	3.8	18
48	Statistics and Causality: Separated to Reunite-Commentary on Bryan Dowd's "Separated at Birth" Health Services Research, 2011, 46, 421-429.	2.0	17
49	The Deductive Approach to Causal Inference. Journal of Causal Inference, 2014, 2, 115-129.	1.2	17
50	Confounding Equivalence in Causal Inference. Journal of Causal Inference, 2014, 2, 75-93.	1.2	17
51	Detecting Latent Heterogeneity. Sociological Methods and Research, 2017, 46, 370-389.	6.8	16
52	Radical empiricism and machine learning research. Journal of Causal Inference, 2021, 9, 78-82.	1.2	15
53	On the Interpretation of $do(x)do(x)$. Journal of Causal Inference, 2019, 7, .	1.2	14
54	Structural and Probabilistic Causality. Psychology of Learning and Motivation - Advances in Research and Theory, 1996, , 393-435.	1.1	13

#	ARTICLE	IF	CITATIONS
55	On logic and probability. Computational Intelligence, 1988, 4, 99-103.	3.2	11
56	The Sure-Thing Principle. Journal of Causal Inference, 2016, 4, 81-86.	1.2	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.	2.7	10
59	Comment on “Causal inference, probability theory, and graphical insights” by Stuart G. Baker. Statistics in Medicine, 2013, 32, 4331-4333.	1.6	9
60	Is Scientific Knowledge Useful for Policy Analysis? A Peculiar Theorem Says: No. Journal of Causal Inference, 2014, 2, 109-112.	1.2	9
61	A Linear “Microscope” for Interventions and Counterfactuals. Journal of Causal Inference, 2017, 5, .	1.2	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.	1.2	8
64	Comments on: The tale wagged by the DAG. International Journal of Epidemiology, 2018, 47, 1002-1004.	1.9	8
65	Graphical models, potential outcomes and causal inference: Comment on Linquist and Sobel. Neurolmage, 2011, 58, 770-771.	4.2	6
66	The Curse of Free-Will and the Paradox of Inevitable Regret. Journal of Causal Inference, 2013, 1, 255-257.	1.2	6
67	Generalizing experimental results by leveraging knowledge of mechanisms. European Journal of Epidemiology, 2021, 36, 149-164.	5.7	6
68	On the Identification of Nonparametric Structural Models. Lecture Notes in Statistics, 1997, , 29-68.	0.2	6
69	Physical and Metaphysical Counterfactuals: Evaluating Disjunctive Actions. Journal of Causal Inference, 2017, 5, .	1.2	5
70	On Two Pseudo-Paradoxes in Bayesian Analysis. Annals of Mathematics and Artificial Intelligence, 2001, 32, 171-177.	1.3	4
71	Discussion on “Surrogate Measures and Consistent Surrogates”. Biometrics, 2013, 69, 573-577.	1.4	4
72	Sufficient Causes: On Oxygen, Matches, and Fires. Journal of Causal Inference, 2019, 7, .	1.2	4

#	ARTICLE	IF	CITATIONS
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.	1.2	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.	0.2	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, .	1.2	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.	1.2	0
82	Graphoids over Counterfactuals. Journal of Causal Inference, 2014, 2, 243-248.	1.2	0
83	Detecting Latent Heterogeneity. , 2022, , 483-506.		0