

Kevin B Korb

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

616
citations

759233

12
h-index

713466

21
g-index

27
all docs

27
docs citations

27
times ranked

654
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomaly detection in vessel tracks using Bayesian networks. <i>International Journal of Approximate Reasoning</i> , 2014, 55, 84-98.	3.3	125
2	Incorporating expert knowledge when learning Bayesian network structure: A medical case study. <i>Artificial Intelligence in Medicine</i> , 2011, 53, 181-204.	6.5	92
3	The effects of demographic change on disease transmission and vaccine impact in a household structured population. <i>Epidemics</i> , 2015, 13, 56-64.	3.0	50
4	Synthetic Population Dynamics: A Model of Household Demography. <i>Jasss</i> , 2013, 16, .	1.8	48
5	Varieties of Causal Intervention. <i>Lecture Notes in Computer Science</i> , 2004, , 322-331.	1.3	45
6	In Search of the Philosopher's Stone: Remarks on Humphreys and Freedman's Critique of Causal Discovery. <i>British Journal for the Philosophy of Science</i> , 1997, 48, 543-553.	2.3	31
7	Fog Forecasting for Melbourne Airport Using a Bayesian Decision Network. <i>Weather and Forecasting</i> , 2015, 30, 1218-1233.	1.4	31
8	Learning Linear Causal Models by MML Sampling. , 1999, , 89-111.		23
9	Evolution unbound: releasing the arrow of complexity. <i>Biology and Philosophy</i> , 2011, 26, 317-338.	1.4	20
10	The Frame Problem: An AI Fairy Tale. <i>Minds and Machines</i> , 1998, 8, 317-351.	4.8	19
11	Seabreeze Prediction Using Bayesian Networks. <i>Lecture Notes in Computer Science</i> , 2001, , 148-153.	1.3	19
12	The Metaphysics of Causal Models. <i>Erkenntnis</i> , 2008, 68, 149-168.	0.9	17
13	Introduction: Machine Learning as Philosophy of Science. <i>Minds and Machines</i> , 2004, 14, 433-440.	4.8	16
14	BARD: A Structured Technique for Group Elicitation of Bayesian Networks to Support Analytic Reasoning. <i>Risk Analysis</i> , 2022, 42, 1155-1178.	2.7	12
15	The Causal Interpretation of Bayesian Networks. <i>Studies in Computational Intelligence</i> , 2008, , 83-116.	0.9	11
16	Building Virtual Ecosystems from Artificial Chemistry. , 2007, , 103-112.		10
17	The power of intervention. <i>Minds and Machines</i> , 2006, 16, 289-302.	4.8	9
18	Inductive learning and defeasible inference. <i>Journal of Experimental and Theoretical Artificial Intelligence</i> , 1995, 7, 291-324.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Actual Causation by Probabilistic Active Paths. <i>Philosophy of Science</i> , 2011, 78, 900-913.	1.0	6
20	Infinitely Many Resolutions of Hempel's Paradox**I wish to acknowledge the helpful comments of David Dowe, Brian Ellis, Chris Wallace, John Bigelow, Neil Thomason, Noretta Koertge and participants of the 1993 Australian Association for the History, Philosophy and Social Studies of Science Conference at LaTrobe University.. , 1994, , 138-149.		6
21	Information-Theoretic Causal Power. , 2009, , 231-265.		5
22	A Bayesian Approach to the Validation of Agent-Based Models. <i>Intelligent Systems Reference Library</i> , 2013, , 255-269.	1.2	5
23	Probabilistic Causal Structure. , 1999, , 265-311.		5
24	Individuals vs. BARD: Experimental Evaluation of an Online System for Structured, Collaborative Bayesian Reasoning. <i>Frontiers in Psychology</i> , 2020, 11, 1054.	2.1	2
25	A Bayesian platform for automating scientific induction (dissertation). <i>ACM SIGART Bulletin</i> , 1993, 4, 23.	0.5	1
26	The essential roles of emotion in cognitive architecture. <i>Behavioral and Brain Sciences</i> , 2000, 23, 205-206.	0.7	1
27	Information, Statistics and Induction in Science. , 1996, , .		1