

Marco Scutari

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3425743/publications.pdf>

Version: 2024-02-01

28
papers

1,957
citations

687363

13
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

2949
citing authors

#	ARTICLE	IF	CITATIONS
1	Learning Bayesian Networks with the <code>bnlearn</code> Package. <i>Journal of Statistical Software</i> , 2010, 35, .	3.7	991
2	Identifying significant edges in graphical models of molecular networks. <i>Artificial Intelligence in Medicine</i> , 2013, 57, 207-217.	6.5	141
3	Bayesian Networks. , 0, , .		129
4	Using Genetic Distance to Infer the Accuracy of Genomic Prediction. <i>PLoS Genetics</i> , 2016, 12, e1006288.	3.5	112
5	Who learns better Bayesian network structures: Accuracy and speed of structure learning algorithms. <i>International Journal of Approximate Reasoning</i> , 2019, 115, 235-253.	3.3	109
6	Applying association mapping and genomic selection to the dissection of key traits in elite European wheat. <i>Theoretical and Applied Genetics</i> , 2014, 127, 2619-2633.	3.6	100
7	Learning Bayesian networks from big data with greedy search: computational complexity and efficient implementation. <i>Statistics and Computing</i> , 2019, 29, 1095-1108.	1.5	70
8	Multiple Quantitative Trait Analysis Using Bayesian Networks. <i>Genetics</i> , 2014, 198, 129-137.	2.9	67
9	Modeling Air Pollution, Climate, and Health Data Using Bayesian Networks: A Case Study of the English Regions. <i>Earth and Space Science</i> , 2018, 5, 76-88.	2.6	39
10	Bayesian Networks Analysis of Malocclusion Data. <i>Scientific Reports</i> , 2017, 7, 15236.	3.3	26
11	Dirichlet Bayesian network scores and the maximum relative entropy principle. <i>Behaviormetrika</i> , 2018, 45, 337-362.	1.3	25
12	Investigating the Causal Mechanisms of Symptom Recovery in Chronic Whiplash-associated Disorders Using Bayesian Networks. <i>Clinical Journal of Pain</i> , 2019, 35, 647-655.	1.9	18
13	Network Structures of Symptoms From the Zung Depression Scale. <i>Psychological Reports</i> , 2021, 124, 1897-1911.	1.7	18
14	Improving the efficiency of genomic selection. <i>Statistical Applications in Genetics and Molecular Biology</i> , 2013, 12, 517-27.	0.6	17
15	Bayesian network models for incomplete and dynamic data. <i>Statistica Neerlandica</i> , 2020, 74, 397-419.	1.6	17
16	A network perspective on patient experiences and health status: the Medical Expenditure Panel Survey 2004 to 2011. <i>BMC Health Services Research</i> , 2017, 17, 579.	2.2	15
17	Hard and Soft EM in Bayesian Network Learning from Incomplete Data. <i>Algorithms</i> , 2020, 13, 329.	2.1	10
18	Probing the mechanisms underpinning recovery in post-surgical patients with cervical radiculopathy using Bayesian networks. <i>European Journal of Pain</i> , 2020, 24, 909-920.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Self-efficacy beliefs mediate the association between pain intensity and pain interference in acute/subacute whiplash-associated disorders. <i>European Spine Journal</i> , 2021, 30, 1689-1698.	2.2	9
20	Impact of Noise on Molecular Network Inference. <i>PLoS ONE</i> , 2013, 8, e80735.	2.5	8
21	Bayesian network analysis reveals the interplay of intracranial aneurysm rupture risk factors. <i>Computers in Biology and Medicine</i> , 2022, 147, 105740.	7.0	8
22	A network perspective of engaging patients in specialist and chronic illness care: The 2014 International Health Policy Survey. <i>PLoS ONE</i> , 2018, 13, e0201355.	2.5	6
23	Mechanisms of recovery after neck-specific or general exercises in patients with cervical radiculopathy. <i>European Journal of Pain</i> , 2021, 25, 1162-1172.	2.8	4
24	Learning Bayesian networks from incomplete data with the node-average likelihood. <i>International Journal of Approximate Reasoning</i> , 2021, 138, 145-160.	3.3	3
25	A constraint-based algorithm for the structural learning of continuous-time Bayesian networks. <i>International Journal of Approximate Reasoning</i> , 2021, 138, 105-122.	3.3	3
26	How does individualised physiotherapy work for people with low back pain? A Bayesian Network analysis using randomised controlled trial data. <i>PLoS ONE</i> , 2021, 16, e0258515.	2.5	3
27	A Bayesian hierarchical score for structure learning from related data sets. <i>International Journal of Approximate Reasoning</i> , 2022, 142, 248-265.	3.3	0
28	Comments on: Hybrid semiparametric Bayesian networks. <i>Test</i> , 0, , .	1.1	0