

Luca Rossi

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

506
citations

840776

11
h-index

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20
g-index

38
all docs

38
docs citations

38
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	A quantum Jensen-Shannon graph kernel for unattributed graphs. Pattern Recognition, 2015, 48, 344-355.	8.1	78
2	It's the way you check-in. , 2014, , .		51
3	Learning Backtrackless Aligned-Spatial Graph Convolutional Networks for Graph Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 783-798.	13.9	43
4	Spatio-temporal techniques for user identification by means of GPS mobility data. EPJ Data Science, 2015, 4, .	2.8	40
5	Measuring graph similarity through continuous-time quantum walks and the quantum Jensen-Shannon divergence. Physical Review E, 2015, 91, 022815.	2.1	36
6	Characterizing graph symmetries through quantum Jensen-Shannon divergence. Physical Review E, 2013, 88, 032806.	2.1	32
7	Quantum kernels for unattributed graphs using discrete-time quantum walks. Pattern Recognition Letters, 2017, 87, 96-103.	4.2	25
8	On the von Neumann entropy of graphs. Journal of Complex Networks, 2019, 7, 491-514.	1.8	23
9	Attributed Graph Kernels Using the Jensen-Tsallis q-Differences. Lecture Notes in Computer Science, 2014, , 99-114.	1.3	18
10	A Quantum-Inspired Similarity Measure for the Analysis of Complete Weighted Graphs. IEEE Transactions on Cybernetics, 2020, 50, 1264-1277.	9.5	17
11	Unfolding Kernel embeddings of graphs: Enhancing class separation through manifold learning. Pattern Recognition, 2015, 48, 3357-3370.	8.1	13
12	Venice through the Lens of Instagram. , 2018, , .		12
13	A Continuous-Time Quantum Walk Kernel for Unattributed Graphs. Lecture Notes in Computer Science, 2013, , 101-110.	1.3	12
14	Can a Quantum Walk Tell Which Is Which?A Study of Quantum Walk-Based Graph Similarity. Entropy, 2019, 21, 328.	2.2	11
15	A Quantum Jensen-Shannon Graph Kernel Using the Continuous-Time Quantum Walk. Lecture Notes in Computer Science, 2013, , 121-131.	1.3	10
16	Learning Graph Convolutional Networks based on Quantum Vertex Information Propagation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	9
17	Thermodynamic Analysis of Time Evolving Networks. Entropy, 2018, 20, 759.	2.2	8
18	Node Centrality for Continuous-Time Quantum Walks. Lecture Notes in Computer Science, 2014, , 103-112.	1.3	8

#	ARTICLE	IF	CITATIONS
19	The Average Mixing Kernel Signature. Lecture Notes in Computer Science, 2020, , 1-17.	1.3	8
20	Local-global nested graph kernels using nested complexity traces. Pattern Recognition Letters, 2020, 134, 87-95.	4.2	7
21	Adaptive Feature Selection Based on the Most Informative Graph-Based Features. Lecture Notes in Computer Science, 2017, , 276-287.	1.3	6
22	Supervised Learning of Graph Structure. Lecture Notes in Computer Science, 2011, , 117-132.	1.3	6
23	Edge Centrality via the Holevo Quantity. Lecture Notes in Computer Science, 2016, , 143-152.	1.3	5
24	3D Shape Analysis Through a Quantum Lens: the Average Mixing Kernel Signature. International Journal of Computer Vision, 2022, 130, 1474-1493.	15.6	5
25	Measuring Vertex Centrality Using the Holevo Quantity. Lecture Notes in Computer Science, 2017, , 154-164.	1.3	3
26	You Can't See Me: Anonymizing Graphs Using the Szemerédi Regularity Lemma. Frontiers in Big Data, 2019, 2, 7.	2.9	3
27	A Nested Alignment Graph Kernel Through the Dynamic Time Warping Framework. Lecture Notes in Computer Science, 2017, , 59-69.	1.3	3
28	An Edge-Based Matching Kernel Through Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 27-38.	1.3	3
29	The Average Mixing Matrix Signature. Lecture Notes in Computer Science, 2016, , 474-484.	1.3	2
30	A Preliminary Survey of Analyzing Dynamic Time-Varying Financial Networks Using Graph Kernels. Lecture Notes in Computer Science, 2018, , 237-247.	1.3	2
31	Attributed Graph Similarity from the Quantum Jensen-Shannon Divergence. Lecture Notes in Computer Science, 2013, , 204-218.	1.3	2
32	A Quantum Jensen-Shannon Graph Kernel Using Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 252-261.	1.3	2
33	A transitive aligned Weisfeiler-Lehman subtree kernel. , 2016, , .		1
34	A novel entropy-based graph signature from the average mixing matrix. , 2016, , .		1
35	k-Anonymity on Graphs Using the Szemerédi Regularity Lemma. IEEE Transactions on Network Science and Engineering, 2021, 8, 1283-1292.	6.4	1
36	A Deep Hybrid Graph Kernel Through Deep Learning Networks. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
37	Estimating the Manifold Dimension of a Complex Network Using Weyl's Law. Lecture Notes in Computer Science, 2021, , 164-173.	1.3	0
38	A Mixed Entropy Local-Global Reproducing Kernel for Attributed Graphs. Lecture Notes in Computer Science, 2018, , 501-511.	1.3	0