Luca Rossi

List of Publications by Year
in descending order

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38	506	840585	752573
papers	citations	11	20
		h-index	g-index

38	38	38	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Learning Backtrackless Aligned-Spatial Graph Convolutional Networks for Graph Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 783-798.	9.7	43
2	3D Shape Analysis Through a Quantum Lens: the Average Mixing Kernel Signature. International Journal of Computer Vision, 2022, 130, 1474-1493.	10.9	5
3	k-Anonymity on Graphs Using the SzemerÃ©di Regularity Lemma. IEEE Transactions on Network Science and Engineering, 2021, 8, 1283-1292.	4.1	1
4	Learning Graph Convolutional Networks based on Quantum Vertex Information Propagation. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	4.0	9
5	Estimating the Manifold Dimension of a Complex Network Using Weylâ€™s Law. Lecture Notes in Computer Science, 2021, , 164-173.	1.0	0
6	Local-global nested graph kernels using nested complexity traces. Pattern Recognition Letters, 2020, 134, 87-95.	2.6	7
7	A Quantum-Inspired Similarity Measure for the Analysis of Complete Weighted Graphs. IEEE Transactions on Cybernetics, 2020, 50, 1264-1277.	6.2	17
8	The Average Mixing Kernel Signature. Lecture Notes in Computer Science, 2020, , 1-17.	1.0	8
9	On the von Neumann entropy of graphs. Journal of Complex Networks, 2019, 7, 491-514.	1.1	23
10	You Can't See Me: Anonymizing Graphs Using the SzemerÃ©di Regularity Lemma. Frontiers in Big Data, 2019, 2, 7.	1.8	3
11	Can a Quantum Walk Tell Which Is Which?A Study of Quantum Walk-Based Graph Similarity. Entropy, 2019, 21, 328.	1.1	11
12	Thermodynamic Analysis of Time Evolving Networks. Entropy, 2018, 20, 759.	1.1	8
13	A Deep Hybrid Graph Kernel Through Deep Learning Networks. , 2018, , .		0
14	A Preliminary Survey of Analyzing Dynamic Time-Varying Financial Networks Using Graph Kernels. Lecture Notes in Computer Science, 2018, , 237-247.	1.0	2
15	Venice through the Lens of Instagram. , 2018, , .		12
16	A Mixed Entropy Local-Global Reproducing Kernel for Attributed Graphs. Lecture Notes in Computer Science, 2018, , 501-511.	1.0	0
17	Measuring Vertex Centrality Using the Holevo Quantity. Lecture Notes in Computer Science, 2017, , 154-164.	1.0	3
18	Quantum kernels for unattributed graphs using discrete-time quantum walks. Pattern Recognition Letters, 2017, 87, 96-103.	2.6	25

#	Article	IF	Citations
19	Adaptive Feature Selection Based on the Most Informative Graph-Based Features. Lecture Notes in Computer Science, 2017, , 276-287.	1.0	6
20	A Nested Alignment Graph Kernel Through the Dynamic Time Warping Framework. Lecture Notes in Computer Science, 2017, , 59-69.	1.0	3
21	The Average Mixing Matrix Signature. Lecture Notes in Computer Science, 2016, , 474-484.	1.0	2
22	Edge Centrality via the Holevo Quantity. Lecture Notes in Computer Science, 2016, , 143-152.	1.0	5
23	A transitive aligned Weisfeiler-Lehman subtree kernel. , 2016, , .		1
24	A novel entropy-based graph signature from the average mixing matrix. , 2016, , .		1
25	Spatio-temporal techniques for user identification by means of GPS mobility data. EPJ Data Science, 2015, 4, .	1.5	40
26	Measuring graph similarity through continuous-time quantum walks and the quantum Jensen-Shannon divergence. Physical Review E, 2015, 91, 022815.	0.8	36
27	Unfolding Kernel embeddings of graphs: Enhancing class separation through manifold learning. Pattern Recognition, 2015, 48, 3357-3370.	5.1	13
28	A quantum Jensenâ€“Shannon graph kernel for unattributed graphs. Pattern Recognition, 2015, 48, 344-355.	5.1	78
29	A Quantum Jensen-Shannon Graph Kernel Using Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 252-261.	1.0	2
30	An Edge-Based Matching Kernel Through Discrete-Time Quantum Walks. Lecture Notes in Computer Science, 2015, , 27-38.	1.0	3
31	Node Centrality for Continuous-Time Quantum Walks. Lecture Notes in Computer Science, 2014, , 103-112.	1.0	8
32	Attributed Graph Kernels Using the Jensen-Tsallis q-Differences. Lecture Notes in Computer Science, 2014, , 99-114.	1.0	18
33	It's the way you check-in. , 2014, , .		51
34	Characterizing graph symmetries through quantum Jensen-Shannon divergence. Physical Review E, 2013, 88, 032806.	0.8	32
35	A Continuous-Time Quantum Walk Kernel for Unattributed Graphs. Lecture Notes in Computer Science, 2013, , 101-110.	1.0	12
36	A Quantum Jensen-Shannon Graph Kernel Using the Continuous-Time Quantum Walk. Lecture Notes in Computer Science, 2013, , 121-131.	1.0	10

#	Article	IF	Citations
37	Attributed Graph Similarity from the Quantum Jensen-Shannon Divergence. Lecture Notes in Computer Science, 2013, , 204-218.	1.0	2
38	Supervised Learning of Graph Structure. Lecture Notes in Computer Science, 2011, , 117-132.	1.0	6