

Evangelos Pournaras

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

813
citations

516561

16
h-index

610775

24
g-index

53
all docs

53
docs citations

53
times ranked

678
citing authors

#	ARTICLE	IF	CITATIONS
1	Decrypting distributed ledger designâ€™ taxonomy, classification and blockchain community evaluation. Cluster Computing, 2022, 25, 1817-1838.	3.5	26
2	Crowd Sensing and Living Lab Outdoor Experimentation Made Easy. IEEE Pervasive Computing, 2022, 21, 18-27.	1.1	2
3	Human Activity Recognition based on Wi-Fi CSI Data -A Deep Neural Network Approach. Procedia Computer Science, 2022, 198, 59-66.	1.2	11
4	Collective Intelligence Using 5G: Concepts, Applications, and Challenges in Sociotechnical Environments. IEEE Access, 2022, 10, 70394-70417.	2.6	6
5	(So) Big Data and the transformation of the city. International Journal of Data Science and Analytics, 2021, 11, 311-340.	2.4	15
6	Self-improving system integration: Mastering continuous change. Future Generation Computer Systems, 2021, 117, 29-46.	4.9	32
7	Decentralized Edge-to-Cloud Load Balancing: Service Placement for the Internet of Things. IEEE Access, 2021, 9, 64983-65000.	2.6	38
8	Decentralized cooperative scheduling of prosumer flexibility under forecast uncertainties. Applied Energy, 2021, 290, 116706.	5.1	24
9	Containing Future Epidemics With Trustworthy Federated Systems for Ubiquitous Warning and Response. Frontiers in Communications and Networks, 2021, 2, .	1.9	2
10	Decentralized Optimization of Vehicle Route Planningâ€™A Cross-City Comparative Study. IEEE Internet Computing, 2021, 25, 34-42.	3.2	3
11	Human-centered Democratic Innovations with Digital and Participatory Elements. , 2021, , .		6
12	Self-Healing Dilemmas in Distributed Systems: Fault Correction vs. Fault Tolerance. IEEE Transactions on Network and Service Management, 2021, 18, 2728-2741.	3.2	8
13	How value-sensitive design can empower sustainable consumption. Royal Society Open Science, 2021, 8, 201418.	1.1	8
14	Ethics of Smart Cities: Towards Value-Sensitive Design and Co-Evolving City Life. Sustainability, 2021, 13, 11162.	1.6	27
15	Mobile link prediction: Automated creation and crowdsourced validation of knowledge graphs. Microprocessors and Microsystems, 2021, 87, 104335.	1.8	3
16	Optimization of privacy-utility trade-offs under informational self-determination. Future Generation Computer Systems, 2020, 109, 488-499.	4.9	20
17	Holarchic structures for decentralized deep learning: a performance analysis. Cluster Computing, 2020, 23, 219-240.	3.5	8
18	On cycling risk and discomfort: urban safety mapping and bike route recommendations. Computing (Vienna/New York), 2020, 102, 1259-1274.	3.2	10

#	ARTICLE	IF	CITATIONS
19	A self-integration testbed for decentralized socio-technical systems. <i>Future Generation Computer Systems</i> , 2020, 113, 541-555.	4.9	12
20	Collective Learning: A 10-Year Odyssey to Human-centered Distributed Intelligence. , 2020, , .		9
21	Appliance-Level Flexible Scheduling for Socio-Technical Smart Grid Optimization. <i>IEEE Access</i> , 2020, 8, 119880-119898.	2.6	13
22	Proof of witness presence: Blockchain consensus for augmented democracy in smart cities. <i>Journal of Parallel and Distributed Computing</i> , 2020, 145, 160-175.	2.7	33
23	Cascading Failures in Interconnected Power-to-Water Networks. <i>Performance Evaluation Review</i> , 2020, 47, 16-20.	0.4	9
24	TRAPPED in Traffic? A Self-Adaptive Framework for Decentralized Traffic Optimization. , 2019, , .		18
25	Democratizing Data Analytics: Crowd-Sourcing Decentralized Collective Measurements. , 2019, , .		1
26	Socio-technical smart grid optimization via decentralized charge control of electric vehicles. <i>Applied Soft Computing Journal</i> , 2019, 82, 105573.	4.1	17
27	Structural Self-Adaptation for Decentralized Pervasive Intelligence. , 2019, , .		4
28	Augmented Shopping Experience for Sustainable Consumption Using the Internet of Thing. <i>IEEE Internet of Things Magazine</i> , 2019, 2, 46-51.	2.0	8
29	Measuring network reliability and repairability against cascading failures. <i>Journal of Intelligent Information Systems</i> , 2019, 52, 573-594.	2.8	11
30	Privacy-enhancing aggregation of Internet of Things data via sensors grouping. <i>Sustainable Cities and Society</i> , 2018, 39, 387-400.	5.1	15
31	Decentralized Collective Learning for Self-managed Sharing Economies. <i>ACM Transactions on Autonomous and Adaptive Systems</i> , 2018, 13, 1-33.	0.4	39
32	Prototyping self-managed interdependent networks. , 2018, , .		3
33	Engineering Democratization in Internet of Things Data Analytics. , 2017, , .		16
34	Sensing and Mining Urban Qualities in Smart Cities. , 2017, , .		9
35	Self-regulating supply"demand systems. <i>Future Generation Computer Systems</i> , 2017, 76, 73-91.	4.9	23
36	SFINA - Simulation Framework for Intelligent Network Adaptations. <i>Simulation Modelling Practice and Theory</i> , 2017, 72, 34-50.	2.2	8

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37	Self-Adaptive Learning in Decentralized Combinatorial Optimization - A Design Paradigm for Sharing Economies. , 2017, , .		15
38	On-demand self-adaptive data analytics in large-scale decentralized networks. , 2017, , .		4
39	Self-Corrective Dynamic Networks via Decentralized Reverse Computations. , 2017, , .		6
40	Cross-disciplinary higher education of data science “beyond the computer science student. Data Science, 2017, 1, 101-117.	0.7	11
41	Mining social interactions in privacy-preserving temporal networks. , 2016, , .		10
42	Tracking Language Mobility in the Twitter Landscape. , 2016, , .		8
43	Self-regulatory information sharing in participatory social sensing. EPI Data Science, 2016, 5, .	1.5	20
44	Temporal Self-Regulation of Energy Demand. IEEE Transactions on Industrial Informatics, 2016, 12, 1196-1205.	7.2	16
45	Society: Build digital democracy. Nature, 2015, 527, 33-34.	13.7	72
46	Peer-to-peer aggregation for dynamic adjustments in power demand. Peer-to-Peer Networking and Applications, 2015, 8, 189-202.	2.6	2
47	Measuring and controlling unfairness in decentralized planning of energy demand. , 2014, , .		14
48	Improving robustness of complex networks via the effective graph resistance. European Physical Journal B, 2014, 87, 1.	0.6	63
49	Decentralized Planning of Energy Demand for the Management of Robustness and Discomfort. IEEE Transactions on Industrial Informatics, 2014, 10, 2280-2289.	7.2	32
50	Organizational Control Reconfigurations for a Robust Smart Power Grid. Studies in Computational Intelligence, 2013, , 189-206.	0.7	11
51	Load-driven neighbourhood reconfiguration of Gnutella overlay. Computer Communications, 2008, 31, 3030-3039.	3.1	18
52	Trust and innovativeness in virtual organisations. International Journal of Business Innovation and Research, 2008, 2, 262.	0.1	11