Pubudu N Pathirana

List of Publications by Year
in descending order

229
papers

5,814
citations

147726

31
h-index

91828

69
g-index

232
all docs

232
docs citations

232
times ranked

3937
citing authors

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1	6G Internet of Things: A Comprehensive Survey. IEEE Internet of Things Journal, 2022, 9, 359-383.	5.5	366
2	Federated Learning for Internet of Things: A Comprehensive Survey. IEEE Communications Surveys and Tutorials, 2021, 23, 1622-1658.	24.8	365
3	Optimality analysis of sensor-target localization geometries. Automatica, 2010, 46, 479-492.	3.0	362
4	Blockchain for Secure EHRs Sharing of Mobile Cloud Based E-Health Systems. IEEE Access, 2019, 7, 66792-66806.	2.6	340
5	Federated Learning Meets Blockchain in Edge Computing: Opportunities and Challenges. IEEE Internet of Things Journal, 2021, 8, 12806-12825.	5.5	255
6	Blockchain for 5G and beyond networks: A state of the art survey. Journal of Network and Computer Applications, 2020, 166, 102693.	5.8	239
7	Node localization using mobile robots in delay-tolerant sensor networks. IEEE Transactions on Mobile Computing, 2005, 4, 285-296.	3.9	215
8	Artificial Intelligence (AI) and Big Data for Coronavirus (COVID-19) Pandemic: A Survey on the State-of-the-Arts. IEEE Access, 2020, 8, 130820-130839.	2.6	212
9	A survey on blockchain for big data: Approaches, opportunities, and future directions. Future Generation Computer Systems, 2022, 131, 209-226.	4.9	184
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26	Optimality Analysis of Sensor-Target Geometries in Passive Localization: Part 2 - Time-of-Arrival Based Localization. , 2007, , .		60
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30	A Mobile Cloud based IoMT Framework for Automated Health Assessment and Management. , 2019, 2019, 6517-6520.		42
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35	Localization of Emitters via the Intersection of Bearing Lines: A Ghost Elimination Approach. IEEE Transactions on Vehicular Technology, 2007, 56, 3106-3110.	3.9	33
36	Quantitative assessment of cerebellar ataxia, through automated limb functional tests. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 31.	2.4	33

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37	Swarm intelligence for next-generation networks: Recent advances and applications. Journal of Network and Computer Applications, 2021, 191, 103141.	5.8	32
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63	On <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e91" altimg="si192.svg"><mml:msub><mml:mrow><mml:mi>â‚</mml:mi></mml:mrow><mml:mrow><mml:mn>1</mml:mn></mml:mrow control of 2-D positive Roesser systems with directional delays: Necessary and sufficient conditions. Automatica, 2020, 112, 108720.	3.0	16
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151	On the Effect of Path Loss Rates on the Optimal Receiver Position in Sensor Networks. , 2006, , .		2
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165	A Comparative Severity Assessment of Impaired Balance due to Cerebellar Ataxia using Regression Models. , 2020, 2020, 4571-4574.		2
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