

Venkatesan Muthukumar

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

111
citations

6
h-index

9
g-index

27
ext. papers

149
ext. citations

1.6
avg, IF

2.8
L-index

#	Paper	IF	Citations
20	Foot Contact Dynamics and Fall Risk among Children Diagnosed with Idiopathic Toe Walking. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 2862	2.6	2
19	Linear Quadratic Regulator for Helicopter Model with a Prescribed Degree of Stability. <i>Lecture Notes in Networks and Systems</i> , 2021 , 379-389	0.5	
18	Testing the acceptability and initial efficacy of a smartphone-app mindfulness intervention for college student veterans with PTSD. <i>Archives of Psychiatric Nursing</i> , 2020 , 34, 58-66	2.1	13
17	Promoting Resilience Among College Student Veterans Through an Acceptance-and-Commitment-Therapy App: An Intervention Refinement Study. <i>Community Mental Health Journal</i> , 2020 , 56, 1206-1214	2.1	6
16	Optimal trajectory design and analysis for soft landing on the moon from lunar parking orbits. <i>International Journal of Space Science and Engineering</i> , 2019 , 5, 321	0.3	1
15	Proof-of-Concept Testing of a Real-Time mHealth Measure to Estimate Postural Control During Walking: A Potential Application for Mild Traumatic Brain Injuries. <i>Asian Pacific Island Nursing Journal</i> , 2018 , 3, 177-189	0.6	5
14	Finite-time sliding mode and super-twisting control of fighter aircraft. <i>Aerospace Science and Technology</i> , 2018 , 82-83, 487-498	4.9	14
13	A Trajectory Based Method of Automatic Counting of Cyclist in Traffic Video Data. <i>International Journal on Artificial Intelligence Tools</i> , 2017 , 26, 1750015	0.9	2
12	Real-Time Horizon Line Detection based on Fusion of Classification and Clustering. <i>International Journal of Computer Applications</i> , 2015 , 121, 5-11	1.1	2
11	A CUDA Based Implementation of Locally-and Feature-Adaptive Diffusion Based Image Denoising Algorithm 2014 ,		3
10	Test a Queue Detection System for Special Events in Nevada. <i>Journal of Transportation Technologies</i> , 2014 , 04, 126-139	0.8	
9	Framework for Simulation of Heterogeneous MpSoC for Design Space Exploration. <i>VLSI Design</i> , 2013 , 2013, 1-16		6
8	Energy Aware Scheduling of Aperiodic Real-Time Tasks on Multiprocessor Systems. <i>Journal of Computing Science and Engineering</i> , 2013 , 7, 30-43	1.8	6
7	Loopback Virtual Channel Router Architecture for Network on Chip 2012 ,		2
6	Video Based Vehicle Detection and its Application in Intelligent Transportation Systems. <i>Journal of Transportation Technologies</i> , 2012 , 02, 305-314	0.8	30
5	A unified design space simulation environment for network-on-chip: fuse-N. <i>International Journal of High Performance Systems Architecture</i> , 2011 , 3, 23	0.9	
4	Efficient Scheduling Algorithms for MpSoC Systems 2011 ,		5

3	Traffic Aware Scheduling Algorithm for Network on Chip 2009 ,		5
2	An efficient variable partitioning approach for functional decomposition of circuits. <i>Journal of Systems Architecture</i> , 2007 , 53, 53-67	5-5	6
1	Multiple voltage and frequency scheduling for power minimization. <i>Journal of Systems Architecture</i> , 2005 , 51, 382-394	5-5	3