Venkatesan Muthukumar

List of Publications by Citations

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	Video Based Vehicle Detection and its Application in Intelligent Transportation Systems. *Journal of Transportation Technologies*, **2012**, 02, 305-314	0.8	30
19	Finite-time sliding mode and super-twisting control of fighter aircraft. *Aerospace Science and Technology*, **2018**, 82-83, 487-498	4.9	14
18	Testing the acceptability and initial efficacy of a smartphone-app mindfulness intervention for college student veterans with PTSD. *Archives of Psychiatric Nursing*, **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. *Community Mental Health Journal*, **2020**, 56, 1206-1214	2.1	6
16	Framework for Simulation of Heterogeneous MpSoC for Design Space Exploration. *VLSI Design*, **2013**, 2013, 1-16		6
15	An efficient variable partitioning approach for functional decomposition of circuits. *Journal of Systems Architecture*, **2007**, 53, 53-67	5.5	6
14	Energy Aware Scheduling of Aperiodic Real-Time Tasks on Multiprocessor Systems. *Journal of Computing Science and Engineering*, **2013**, 7, 30-43	1.8	6
13	Efficient Scheduling Algorithms for MpSoC Systems **2011**,		5
12	Traffic Aware Scheduling Algorithm for Network on Chip **2009**,		5
11	Proof-of-Concept Testing of a Real-Time mHealth Measure to Estimate Postural Control During Walking: A Potential Application for Mild Traumatic Brain Injuries. *Asian Pacific Island Nursing Journal*, **2018**, 3, 177-189	0.6	5
10	A CUDA Based Implementation of Locally-and Feature-Adaptive Diffusion Based Image Denoising Algorithm **2014**,		3
9	Multiple voltage and frequency scheduling for power minimization. *Journal of Systems Architecture*, **2005**, 51, 382-394	5.5	3
8	A Trajectory Based Method of Automatic Counting of Cyclist in Traffic Video Data. *International Journal on Artificial Intelligence Tools*, **2017**, 26, 1750015	0.9	2
7	Loopback Virtual Channel Router Architecture for Network on Chip **2012**,		2
6	Real-Time Horizon Line Detection based on Fusion of Classification and Clustering. *International Journal of Computer Applications*, **2015**, 121, 5-11	1.1	2
5	Foot Contact Dynamics and Fall Risk among Children Diagnosed with Idiopathic Toe Walking. *Applied Sciences (Switzerland)*, **2021**, 11, 2862	2.6	2
4	Optimal trajectory design and analysis for soft landing on the moon from lunar parking orbits. *International Journal of Space Science and Engineering*, **2019**, 5, 321	0.3	1

List of Publications

3	A unified design space simulation environment for network-on-chip: fuse-N. *International Journal of High Performance Systems Architecture*, **2011**, 3, 23	0.9
2	Test a Queue Detection System for Special Events in Nevada. *Journal of Transportation Technologies*, **2014**, 04, 126-139	0.8
1	Linear Quadratic Regulator for Helicopter Model with a Prescribed Degree of Stability. *Lecture Notes in Networks and Systems*, **2021**, 379-389	0.5