

# Santhosh Kumar G

## List of Publications by Year in descending order

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41  
papers

269  
citations

1936888

4  
h-index

1588620

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g-index

41  
all docs

41  
docs citations

41  
times ranked

222  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concept Drift Detection in Data Stream Clustering and its Application on Weather Data. International Journal of Agricultural and Environmental Information Systems, 2020, 11, 67-85.	1.8	7
2	Verb Phrases Alignment Technique for English-Malayalam Parallel Corpus in Statistical Machine Translation Special issue on MTIL 2017. Journal of Intelligent Systems, 2019, 28, 479-492.	1.2	2
3	Change detection in urban landscapes: a tensor factorization approach. Spatial Information Research, 2019, 27, 587-600.	1.3	3
4	Methodology for Integrating Computational Tree Logic Model Checking in Unified Modelling Language Artefacts A Case Study of an Embedded Controller. Defence Science Journal, 2019, 69, 58-64.	0.5	3
5	Performance of IoT protocols under constrained network, a Use Case based approach. , 2018, , .		6
6	Inter-Spectral and Intra-Spectral Features for Effective Classification of Remotely Sensed Images. Procedia Computer Science, 2017, 115, 549-555.	1.2	3
7	Direction estimation of crowd flow in surveillance videos. , 2017, , .		5
8	Enhanced fast retina keypoint descriptor. , 2017, , .		0
9	Analysis of the smart growth of kochi city through landscape metrics. , 2017, , .		3
10	A framework for predicting the performance of IoT protocols, a use case based approach. , 2017, , .		6
11	Modeling and verification of timed automaton based hybrid systems using spin model checker. , 2016, , .		4
12	Detection of similar community in large network based on graph edit distance. , 2016, , .		0
13	Modelling and Verification of CoAP over Routing Layer Using SPIN Model Checker. Procedia Computer Science, 2016, 93, 299-308.	1.2	13
14	Dynamic power profile estimation of interconnected smart objects. , 2015, , .		3
15	A Hierarchical Framework for the Classification of Multispectral Imagery. Procedia Computer Science, 2015, 46, 78-85.	1.2	3
16	Rainfall Prediction using Artificial Neural Network on Map-Reduce Framework. , 2015, , .		13
17	An effective private data storage and retrieval system using secret sharing scheme based on secure multi-party computation. , 2014, , .		7
18	Association rule extraction from medical transcripts of diabetic patients. , 2014, , .		11

#	ARTICLE	IF	CITATIONS
19	Using open source software for digital libraries. Electronic Library, 2013, 31, 217-225.	0.8	15
20	Implementation and evaluation of an improved header compression for 6LoWPAN. , 2012, , .		1
21	An Improved Color Video Super-Resolution Using Kernel Regression and Fuzzy Enhancement. , 2012, , .		0
22	Extension Schemes for the Alignment Model of English-Malayalam Statistical Machine Translator. , 2012, , .		0
23	Real time recognition of pedestrian and vehicles from videos. , 2012, , .		1
24	Ontology based framework for news extraction in visual media. , 2012, , .		0
25	Automatic image annotation using SURF descriptors. , 2012, , .		5
26	Integrated environment for launch vehicle telemetry data management. , 2012, , .		0
27	RMAC-M: Extending the R-MAC protocol for an energy efficient, delay tolerant underwater acoustic sensor network application with a mobile data mule node. , 2011, , .		5
28	Authentication in Wireless Sensor Networks Using Zero Knowledge Protocol. Communications in Computer and Information Science, 2011, , 416-421.	0.4	0
29	Virtualization Techniques: A Methodical Review of XEN and KVM. Communications in Computer and Information Science, 2011, , 399-410.	0.4	10
30	Improving Energy Efficiency of Underwater Acoustic Sensor Networks Using Transmission Power Control: A Cross-Layer Approach. Communications in Computer and Information Science, 2011, , 93-101.	0.4	4
31	Interestingness Analysis of Semantic Association Mining in Medical Images. Communications in Computer and Information Science, 2011, , 1-10.	0.4	0
32	An adaptive cluster based routing scheme for mobile wireless sensor networks. , 2010, , .		3
33	English to Malayalam translation. , 2010, , .		11
34	DNA sequence representation methods. , 2010, , .		1
35	Alignment Model and Training Technique in SMT from English to Malayalam. Communications in Computer and Information Science, 2010, , 305-315.	0.4	3
36	Safe Contiki OS: Type and Memory Safety for Contiki OS. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
37	Modeling of ALFA Programs Using PVS Theorem Prover. , 2009, , .		0
38	Face recognition using probabilistic neural networks. , 2009, , .		6
39	Mobility Metric based LEACH-Mobile Protocol. , 2008, , .		92
40	Routing protocol enhancement for handling node mobility in wireless sensor networks. , 2008, , .		17
41	Evaluation of the Power Consumption of Routing Protocols for Wireless Sensor Networks. , 2006, , .		0