K.Srinivasan

Professor of Electronics and Instrumentation Engineering,
Sri Ramakrishna Engineering College

Image and video processing

	All	Since 2015
Citations	98	71
h-index	6	5
i10-index	3	3

TITLE	CITED BY	YEAR
Improved Background Subtraction Techniques for Security in Video Applications K Srinivasan, K Porkumaran, G Sainarayanan Third International Conference on Anti-counterfeiting, Security, and …	29	2009
Intelligent human body tracking, modeling, and activity analysis of video surveillance system: A survey K Srinivasan, K Porkumaran, G Sainarayanan Journal of Convergence in Engineering, Technology and Science 1, 1-8	17	2009
A new approach for human activity analysis through identification of body parts using skin colour segmentation K Srinivasan, K Porkumaran, G Sainarayanan International Journal of signal and Imaging Systems Engineering 3 (2), 93-104	16 *	2010
Background subtraction techniques for human body segmentation in indoor video surveillance K Srinivasan, K Porkumaran, G Sainarayanan NISCAIR-CSIR, India	8	2014
Skin colour segmentation based 2D and 3D human pose modelling using Discrete Wavelet Transform K Srinivasan, DK Porkumaran, G Sainarayanan Pattern Recognition and Image Analysis 21 (4), 740-753	8	2011
Level control of three-tank system using intelligent techniques K Srinivasan, J Devassy, S Dhanapal International Journal of Image Mining 2 (3-4), 318-328	6	2017
Development of 2D human body modelling using Thinning algorithm K Srinivasan, K Porkumaran, G Sainarayanan ICTACT Journal on Image and Video Processing 1 (2), 80-86	3	2010
Online monitoring and control of industrial effluents in IoT environment J Devassy, K Srinivasan Int. J. Innov. Res. Technol 2, 340-345	2	2016
Design of fuzzy based model predictive controller for conical tank system K Srinivasan, D Sindhiya, J Devassy 2016 IEEE International Conference on Control and Robotics Engineering …	2	2016
Moving object tracking using color feature in a video K Srinivasan, P Balamurugan Global Journal of Computer Science and Technology	2	2015

TITLE	CITED BY	YEAR
An approach of wavelet transform-based human pose models for indoor video applications K Srinivasan, K Porkumaran, G Sainarayanan The Imaging Science Journal 60 (6), 352-372	2	2012
Enhanced Background Subtraction Techniques for Monocular Video Applications K Srinivasan, K Porkumaran, G Sainarayanan Int. J. of Image Processing and Applications 1 (2), 87-93	2	2010
Quality Improvement of Yarn by Automatic Waste Removal in Autoconer K Srinivasan. International Journal of Advanced Research in Electrical, Electronics and …	1 *	2013
IoT Based Smart Security and Safety System for Women and Children K Srinivasan, T Navaneetha, R Nivetha International Research Journal of Multidisciplinary Technovation 2 (2), 23-30		2020
Location-Aware Security System for Smart Cities Using IoT VR Azhaguramyaa, K Srinivasan International Conference on Advanced Machine Learning Technologies and …		2020
EFFICIENT SWARM OPTIMIZED DATA AGGREGATION OF IOT DEVICES AND ITS APPLICATION IN AGRICULTURE C Sathish, K Srinivasan Journal of Critical Reviews 7 (14), 29-36		2020
Internet of Things (IoT) based Object Recognition Technologies K Srinivasan, VR Azhaguramyaa 2019 Third International conference on I-SMAC (IoT in Social, Mobile …		2019
COMPUTATIONAL RESEARCH ON SENSING MECHANISM OF NANO-METAL DOTS BASED LIQUID FILLED FIBER K Srinivasan, S Addanki, N Chandrasekharan DIGEST JOURNAL OF NANOMATERIALS AND BIOSTRUCTURES 14 (1), 161-165		2019
PID and PIλDμ Controller Implementation for speed control analysis of two mass drive system DDKS M.Predeep, B.Sharmila Int. Conference on Communication and Signal Processing		2018
Demand side management in residential areas using geographical information system D Srinivasan, T Reindl 2017 IEEE Conference on Energy Internet and Energy System Integration (EI2), 1-6		2017