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[Embedded SystemsInstrumentation and Automation](#)

TITLE	CITED YB	YEAR
Combining statistical models using modified spectral subtraction method for embedded system VR Balaji, S Maheswaran, MR Babu, M Kowsigan, E Prabhu, ... Microprocessors and Microsystems 73, 102957	56	2020
Identification of Artificially Ripened Fruits using Smart Phones S Maheswaran, S Sathesh, P Priyadharshini, B Vivek International Conference on Intelligent Computing and Control 2017 (I2C2) 4 ...	22	2017
Refractive index sensor using dual core photonic crystal fiber–glucose detection applications S Maheswaran, P Kuppusamy, S Ramesh, T Sundararajan, P Yupapin Results Phys 11, 577-578	19	2018
An Efficient Method for Brain Tumor Detection Using Texture Features and SVM Classifier in MR Images K Kumar K, M Devi T, M S Asian Pacific Journal of Cancer Prevention 19 (10), 2789-2794	17*	2018
A wearable embedded device for chronic low back patients to track lumbar spine position S Maheswaran, N Sunilvignesh, S Sathesh Biomedical Research 2018 (Special Section: Computational Life Scie), S118-S123	16*	2017
Design of tellurite glass based quasi photonic crystal fiber with high nonlinearity S Maheswaran, BK Paul, MA Khalek, S Chakma, K Ahmed, MSM Rajan Optik 181, 185-190	14	2019
Computer vision based real time tracking system to identify overtaking vehicles for safety precaution using single board computer S Sathesh, VA Pradheep, S Maheswaran, P Premkumar, S Gokul Nathan, ... Journal of Advanced Research in Dynamical and Control Systems 12 (7), 1551-1561	13	2020
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Monitoring the turmeric finger disease and growth characteristics using sensor based embedded system—A novel method M Shanmugam, A Ramasamy, S Paramasivam, P Prabhakaran Circuits and Systems 7 (08), 1280	8	2016
A real time image processing based system to scaring the birds from the agricultural field S Maheswaran, M Ramya, P Priyadharshini, P Sivaranjani Indian Journal of Science and Technology 9 (30), 1-5	7	2016
Sensor-based turmeric finger growth characteristics monitoring using embedded system under soil M Shanmugam, A Ramasamy International Journal of Distributed Sensor Networks 10 (6), 476176	7	2014
Development of Machine Learning Based Grain Classification and Sorting with Machine Vision Approach for Eco-Friendly Environment S Maheswaran, B Vivek, P Sivaranjani, S Sathesh, K Pon Vignesh Journal of Green Engineering 10 (3), 526–543	6	2020
Sivaranjani. P., Sathesh, S., and Vignesh, K P.," Development of Machine Learning Based Grain Classification and Sorting with Machine Vision Approach for Eco-Friendly Environment," S Maheswaran, B Vivek Journal of Green Engineering 10 (3), 526-543	6	2020
A machine-vision-based real-time sensor system to control weeds in agricultural fields M Shanmugam, R Asokan Sensor Letters 13 (6), 489-495	6	2015
A deep-RNN and meta-heuristic feature selection approach for IoT malware detection G Radhakrishnan, K Srinivasan, S Maheswaran, K Mohanasundaram, ... Materials Today: Proceedings	5	2021
<u>Unmanned Ground Vehicle for Surveillance</u> S Maheswaran, G Murugesan, P Duraisamy, B Vivek, S Selvapriya, ...	4	2020

TITLE	CITED YB	YEAR
2020 11th International Conference on Computing, Communication and ...		
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