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List of Publication for Past 5 Years:

S.No	Title	Year
1	A novel nonlinear sliding mode controller for a single stage grid-connected photovoltaic system D Menaga, V Sankaranarayanan ISA transactions 107, 329-339	2020
2	Performance comparison for grid connected photovoltaic system using sliding mode control D Menaga, V Sankaranarayanan Journal of King Saud University-Engineering Sciences	2020
3	Powertrain control of a solar photovoltaic-battery powered hybrid electric vehicle P Padmagirisan, V Sankaranarayanan Frontiers in Energy 13 (2), 296-306	2019
4	Power-assist control of a human–electric hybrid bicycle with energy regeneration and cruise control P Padmagirisan, R Sowmya, V Sankaranarayanan Proceedings of the Institution of Mechanical Engineers, Part I: Journal of Systems and Control Engineering, 233 (2), 179-191	2019
5	A new electric braking system with energy regeneration for a BLDC motor driven electric vehicle AJ Godfrey, V Sankaranarayanan Engineering Science and Technology, an International Journal 21 (4), 704-713	2018
6	Optimised sliding mode control for MIMO uncertain non-linear system with mismatched disturbances MS Sunila, V Sankaranarayanan, K Sundereswaran Electronics Letters 54 (5), 290-291	2018
7	A new electric braking system with energy regeneration for a BLDC motor driven electric vehicle A Joseph Godfrey, V Sankaranarayanan Engineering science and technology, an international journal 21 (4), 704-713	2018
8	Comparative analysis of optimized output regulation of a SISO nonlinear system using different sliding manifolds MS Sunila, V Sankaranarayanan, K Sundaeswaran International Journal of Automation and Computing 14 (4), 450-462	2017
9	Extended state observer-based sliding mode control for multi-input multi-output system with multiple disturbances RM Brisilla, V Sankaranarayanan	2017

	Journal of Control, Automation and Electrical Systems 28 (1), 11-25	
10	Stabilisation of nonholonomic wheeled mobile robot using switched control-theory and experiment RM Brisilla, V Sankaranarayanan International Journal of Automation and Control 10 (2), 193-213	2016
11	Point-to-point control of a quadrotor: Theory and experiment J Ajmera, V Sankaranarayanan IFAC-PapersOnLine 49 (1), 401-406	2016
12	Nonlinear control of mobile inverted pendulum RM Brisilla, V Sankaranarayanan Robotics and Autonomous Systems 70, 145-155	2015