D V Ashok Kumar

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POWER SYSTEMS
SOLAR ENERGY
POWER ELECTRONICS

	All	Since 2016
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Power Electronic Converters
Multi Level Inverters
FPGA
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LENINE D

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Power Quality
DC_DC Converter
AC-DC Converter
DC Drives
AC Drives

	All	Since 2016
Citations	168	120
h-index	9	9
i10-index	9	8

0 articles — 1 article

not available — available

Based on funding mandates

TITLE	CITED BY	YEAR
Estimation of speed and rotor position of BLDC motor using extended Kalman filter D Lenine, BR Reddy, SV Kumar IET Digital Library	26	2007
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Design and Analysis of Predictive control using PI controller for Boost Converter with Active Power Factor Correction MBS Sreenivas, CS Babu, MD Lenine International Journal of Emerging Technology and Advanced Engineering 2 (6)	11	2012
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A Novel PWM Technique for Multilevel VSI fed Vector Controlled Drives based on Universal Offset Time Expression PR Mohan, N Mallikarjuna, POAS Kumar, D Lenine J. Mech. Cont. & Math. Sci., Special Issue, 82-96	1	2019
Novel scalar PWM techniques for vector control based induction motor drives to reduce common mode voltage PR Mohan, D Lenine, KN Kumar, GB Subbarayudu, AS Kumar J Mech Cont & Math Sci, Special Issue 3, 52-67	1	2019
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TITLE	CITED BY	YEAR
Goertzel algorithm based islanding detection method based on small second order harmonic component for grid integrated PV systems M Vasu, D Lenine, R Kiranmayi NISCAIR-CSIR, India	1	2019
Design and investigation of adaptive fixed duty cycle MPPT algorithm for photovoltaic systems JS Kumari, D Lenine, CS Babu NISCAIR-CSIR, India	1	2019
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Associate Professor, EEE Department, RGMCET India, Ex-Postdoctoral Researcher ZJU-UIUC China

Robotics
Biomedical Applications
Electrical Power and Energy System

	All	Since 2016
Citations	242	232
h-index	9	9
i10-index	9	8

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Complex-NLMS Algorithm Based Power System Harmonic Estimation SK Singh, BR Deka, A Nath, R Chakravorty, J Kalita, AK Goswami, ... Proceedings of ICRTIT-2014 (IEEE Chennai Section)		2014
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TITLE	CITED BY	YEAR
Design and Testing Of Stockbridge Vibration Damper SK Singh, D Prasad, G Agarwal Electrical Monitor, 88-92		2009

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RENWEABLE ENERGY SOURCE
MPPT TECNIQUES

	All	Since 2016
Citations	443	294
h-index	11	10
i10-index	11	10

0 articles — 1 article

not available — available

Based on funding mandates

TITLE	CITED BY	YEAR
Mathematical modeling and simulation of photovoltaic cell using matlab-simulink environment JS Kumari, CS Babu International Journal of Electrical and Computer Engineering 2 (1), 26	159	2012
Design and analysis of P&O and IP&O MPPT techniques for photovoltaic system JS Kumari, DCS Babu, AK Babu International Journal of Modern Engineering Research 2 (4), 2174-2180	70	2012
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Design and Implementation of different MPPT Algorithms for PV System C Kalpana, CS Babu, JS Kumari International Journal of Science, Engineering and Technology Research …	18	2013
Improvement of static performance of multilevel inverter for single-phase grid connected photovoltaic modules JS Kumari, CS Babu, D Lenine, J Laksmiah 2009 Second International Conference on Emerging Trends in Engineering …	15	2009

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TITLE	CITED BY	YEAR
An Enhancement of Static Performance of Multilevel Inverter for Single Phase Grid Connected Photovoltaic modules JS Kumari, CS Babu, DL Mr International journal of Recent Trends in Engineering, Academy Publishers …	14	2010
Design and analysis of open circuit voltage based maximum power point tracking for photovoltaic system MJS Kumari, CS Babu, MTR Kullayappa International Journal of Advances in Science and Technology 2 (2), 51-86	12	2011
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TITLE	CITED BY	YEAR
Design and Analysis of P&O and FLC MPPT Techniques for Photovoltaic System G SudhaNar, JS Kumari IRET Transaction on Power Electronics and Drives (ITPED) Vol 1		2013

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Power Electronics & Drives

	All	Since 2016
Citations	54	25
h-index	3	2
i10-index	1	0

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TITLE	CITED BY	YEAR
A high-performance PWM algorithm for vector controlled induction motor drive for reduced current ripple P Rama Mohan, T Brahmananda Reddy, M Vijaya Kumar International Conference on Recent Advances and Innovations in Engineering …	2	2014
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Regulation of Output Voltage in Boost Power Factor Correction Converter with Electro Magnetic Interference Filter PR Mohan, MV Kumar, OVR Reddy Journal of Electrical Engineering 8 (2), 55-5	1	2008

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Manjunath BM

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Power Electronics

	All	Since 2016
Citations	55	50
h-index	5	5
i10-index	1	1

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