

Vipulkumar I Patel

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Six-Phase Fractional-Slot-per-Pole-per-Phase Permanent-Magnet Machines With Low Space Harmonics for Electric Vehicle Application. IEEE Transactions on Industry Applications, 2014, 50, 2554-2563.	4.9	74
2	Fractional-Slot Permanent Magnet Brushless Machines with Low Space Harmonic Contents. IEEE Transactions on Magnetics, 2014, 50, 1-9.	2.1	72
3	A Nine-Phase 18-Slot 14-Pole Interior Permanent Magnet Machine With Low Space Harmonics for Electric Vehicle Applications. IEEE Transactions on Energy Conversion, 2016, 31, 860-871.	5.2	62
4	Enhanced Availability of Drivetrain Through Novel Multiphase Permanent-Magnet Machine Drive. IEEE Transactions on Industrial Electronics, 2016, 63, 469-480.	7.9	46
5	Demagnetization Assessment of Fractional-Slot and Distributed Wound 6-Phase Permanent Magnet Machines. IEEE Transactions on Magnetics, 2015, 51, 1-11.	2.1	44
6	Post-Demagnetization Performance Assessment for Interior Permanent Magnet AC Machines. IEEE Transactions on Magnetics, 2016, 52, 1-10.	2.1	37
7	A Generic Approach to Reduction of Magnetomotive Force Harmonics in Permanent-Magnet Machines With Concentrated Multiple Three-Phase Windings. IEEE Transactions on Magnetics, 2014, 50, 1-4.	2.1	23
8	Analysis and design of 6-phase fractional slot per pole per phase permanent magnet machines with low space harmonics. , 2013, , .		12
9	Assessment of 12-slot, 14-pole permanent magnet flux switching machine with hybrid excitation for electric vehicle application. , 2013, , .		8
10	Permanent magnet generator turn fault detection using Kalman filter technique. , 2016, , .		3