

K S Amitkumar

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

209
citations

1684188

5
h-index

2053705

5
g-index

11
all docs

11
docs citations

11
times ranked

133
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A Versatile Power-Hardware-in-the-Loop-Based Emulator for Rapid Testing of Transportation Electric Drives. IEEE Transactions on Transportation Electrification, 2018, 4, 901-911. | 7.8 | 64 |
| 2 | Linear Amplifier-Based Power-Hardware-in-the-Loop Emulation of a Variable Flux Machine. IEEE Transactions on Industry Applications, 2019, 55, 4624-4632. | 4.9 | 35 |
| 3 | Emulation of a Permanent-Magnet Synchronous Generator in Real-Time Using Power Hardware-in-the-Loop. IEEE Transactions on Transportation Electrification, 2018, 4, 474-482. | 7.8 | 34 |
| 4 | Power Electronic Converter-Based Induction Motor Emulator Including Main and Leakage Flux Saturation. IEEE Transactions on Transportation Electrification, 2018, 4, 483-493. | 7.8 | 33 |
| 5 | Power-Hardware-in-the-Loop Based Emulation of a Variable Flux Machine. , 2018, , . | | 15 |
| 6 | An Investigation of Power-Hardware-in-the-Loop- Based Electric Machine Emulation for Driving Inverter Open-Circuit Faults. IEEE Transactions on Transportation Electrification, 2021, 7, 170-182. | 7.8 | 13 |
| 7 | A versatile power-hardware-in-the-loop based emulator for rapid testing of electric drives. , 2017, , . | | 8 |
| 8 | Power Hardware-in-the-Loop based Emulation of an Open-Winding Permanent Magnet Machine. , 2020, , . | | 5 |
| 9 | Hardware-in-the-loop Simulations of Inverter Faults in an Electric Drive System. , 2019, , . | | 2 |
| 10 | A hybrid switching VSC based converter for reactive power compensation in utility grid. , 2017, , . | | 0 |
| 11 | Independent Phase Current Control of a Permanent Magnet Motor. , 2018, , . | | 0 |