

Nicolas Bernard

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Design Optimization with Flux Weakening of High-Speed PMSM for Electrical Vehicle Considering the Driving Cycle. IEEE Transactions on Industrial Electronics, 2017, 64, 9834-9843. | 7.9 | 80 |
| 2 | Design Methodology for High-Speed Permanent Magnet Synchronous Machines. IEEE Transactions on Energy Conversion, 2016, 31, 477-485. | 5.2 | 38 |
| 3 | Design Methodology of a Permanent Magnet Synchronous Machine for a Screwdriver Application. IEEE Transactions on Energy Conversion, 2012, 27, 624-633. | 5.2 | 35 |
| 4 | Efficient Implementation of Continuous-Discrete Extended Kalman Filters for State and Parameter Estimation of Nonlinear Dynamic Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 3077-3085. | 11.3 | 8 |
| 5 | Co-Design Optimization of Direct Drive PMSGs for Offshore Wind Turbines Based on Wind Speed Profile. Energies, 2021, 14, 4486. | 3.1 | 5 |
| 6 | Design Optimization of a Direct-Drive Electrically Excited Synchronous Generator for Tidal Wave Energy. Energies, 2022, 15, 3174. | 3.1 | 5 |
| 7 | Optimal Design of a Converter-Machine System on a Load Profile Applied to a CAES System. IEEE Transactions on Energy Conversion, 2019, 34, 1839-1847. | 5.2 | 2 |
| 8 | Parameter Estimation With Continuous-Discrete Extended Kalman Filters Using Implicit Integration Methods. , 2020, , . | | 2 |