

Nicolas Bernard

List of Publications by Year in descending order

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docs citations

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202
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Design Optimization of a Direct-Drive Electrically Excited Synchronous Generator for Tidal Wave Energy. Energies, 2022, 15, 3174.	3.1	5
3	Co-Design Optimization of Direct Drive PMSGs for Offshore Wind Turbines Based on Wind Speed Profile. Energies, 2021, 14, 4486.	3.1	5
4	Parameter Estimation With Continuous-Discrete Extended Kalman Filters Using Implicit Integration Methods. , 2020, , .		2
5	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
6	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
7	Design Methodology for High-Speed Permanent Magnet Synchronous Machines. IEEE Transactions on Energy Conversion, 2016, 31, 477-485.	5.2	38
8	Design Methodology of a Permanent Magnet Synchronous Machine for a Screwdriver Application. IEEE Transactions on Energy Conversion, 2012, 27, 624-633.	5.2	35