

# Bernard Multon

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

194  
citations

1684188

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h-index

1872680

6  
g-index

11  
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11  
docs citations

11  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sizing Optimization Methodology of a Surface Permanent Magnet Machine-Converter System Over a Torque-Speed Operating Profile: Application to a Wave Energy Converter. IEEE Transactions on Industrial Electronics, 2012, 59, 2116-2125.	7.9	61
2	A validated model of a photovoltaic water pumping system for off-grid rural communities. Applied Energy, 2019, 241, 580-591.	10.1	33
3	Design and optimization of magnetic gears with arrangement and mechanical constraints for wind turbine applications. , 2016, , .		24
4	Computation Time Analysis of the Magnetic Gear Analytical Model. IEEE Transactions on Magnetics, 2017, 53, 1-9.	2.1	20
5	Development of a Hybrid Analytical Model for a Fast Computation of Magnetic Losses and Optimization of Coaxial Magnetic Gears. IEEE Transactions on Energy Conversion, 2019, 34, 25-35.	5.2	19
6	Sensitivity Analysis of Photovoltaic Pumping Systems for Domestic Water Supply. IEEE Transactions on Industry Applications, 2020, 56, 6734-6743.	4.9	10
7	Analytical iron loss model for the optimization of magnetic gear. , 2017, , .		9
8	Gear ratio optimization of a full magnetic indirect drive chain for wind turbine applications. , 2017, , .		7
9	Modelling and Optimal Sizing of Photovoltaic Water Pumping Systems – Sensitivity Analysis. , 2019, , .		6
10	Effect of irradiance data on the optimal sizing of photovoltaic water pumping systems. , 2019, , .		3
11	Experimental validation of a transverse flux magnetic gear. Journal of Magnetism and Magnetic Materials, 2021, 536, 168139.	2.3	2