

# Mehmet GÃ¼leÅ

## List of Publications by Year in descending order

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21  
papers

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citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction of Cogging Torque in Double-Rotor Axial-Flux Permanent-Magnet Disk Motors: A Review of Cost-Effective Magnet-Skewing Techniques With Experimental Verification. IEEE Transactions on Industrial Electronics, 2014, 61, 5025-5034.	7.9	106
2	A New Coreless Axial Flux Interior Permanent Magnet Synchronous Motor With Sinusoidal Rotor Segments. IEEE Transactions on Magnetics, 2016, 52, 1-4.	2.1	71
3	A New Asymmetric Planar V-Shaped Magnet Arrangement for A Linear PM Synchronous Motor. IEEE Transactions on Magnetics, 2019, 55, 1-5.	2.1	42
4	Magnet asymmetry in reduction of cogging torque for integer slot axial flux permanent magnet motors. IET Electric Power Applications, 2014, 8, 189-198.	1.8	30
5	Implementation of different 2D finite element modelling approaches in axial flux permanent magnet disc machines. IET Electric Power Applications, 2018, 12, 195-202.	1.8	26
6	Magneto-Thermal Analysis of an Axial-Flux Permanent-Magnet-Assisted Eddy-Current Brake at High-Temperature Working Conditions. IEEE Transactions on Industrial Electronics, 2021, 68, 5112-5121.	7.9	24
7	Design, analysis and real time dynamic torque control of single-rotor single-stator axial flux eddy current brake. IET Electric Power Applications, 2016, 10, 869-876.	1.8	23
8	An Innovative Dual-Rotor Axial-Gap Flux-Switching Permanent-Magnet Machine Topology With Hybrid Excitation. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	20
9	Design and validation of a 24-pole coreless axial flux permanent magnet motor for a solar powered vehicle. , 2016, , .		17
10	Influence of magnet grouping in reduction of cogging torque for a slotted double-rotor axial-flux PM motor. , 2012, , .		12
11	Design and control of an 8-slot radial flux magnetic bearing. , 2014, , .		6
12	Modeling based on 3D finite element analysis and experimental study of a 24-slot 8-pole axial-flux permanent-magnet synchronous motor for no cogging torque and sinusoidal back-EMF. Turkish Journal of Electrical Engineering and Computer Sciences, 2016, 24, 262-275.	1.4	6
13	Modelling and analysis of a new axial flux permanent magnet biased eddy current brake. , 2016, , .		5
14	Nonlinear Multidisciplinary Design Approach for Axial-Flux Eddy Current Brakes. IEEE Transactions on Energy Conversion, 2019, 34, 1917-1927.	5.2	5
15	Investigation of Braking Torque Characteristic for a Double-Stator Single-Rotor Axial-Flux Permanent-Magnet Eddy-Current Brake. , 2018, , .		3
16	Design and Validation of an Unconventional 39-Slot PM Synchronous Motor With Asymmetric and Unbalanced AC Windings. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1733-1744.	5.4	3
17	Cost Minimization of a Permanent Magnet Eddy Current Brake by Multiobjective Particle Swarm Optimization Based on Nonlinear Reluctance Network Modeling. IEEE Access, 2021, 9, 157361-157370.	4.2	3
18	2D finite element modelling approach for axial flux permanent magnet synchronous motors. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Design and Comparison of Radial Flux Magnetic Levitation Systems Based on Conventional and Buried Permanent Magnet Types Rotors. , 2018, , .		0
20	A New Unconventional Magnet Arrangement for Linear Permanent Magnet Motors with Semi-FEA-Based Optimization Approach. , 2021, , .		0
21	Performance Comparison of Different IPM Motor Topologies for Spindle Motor Drives. , 2021, , .		0