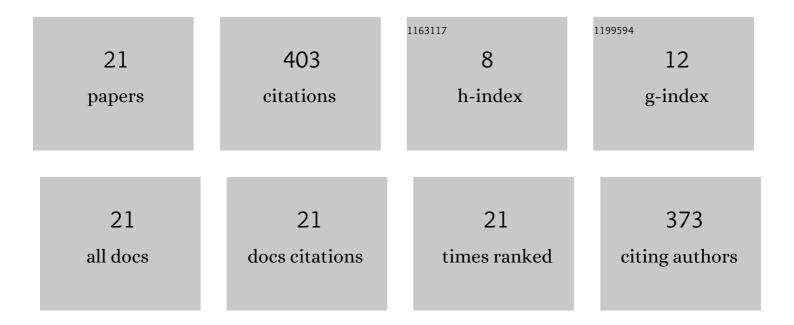
Mehmet Güleç

List of Publications by Year in descending order

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Μεμμετ <u>Cã1/1 εã</u>8

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| # | 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 singleâ€rotor–singleâ€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, , .

| # | 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 |