

# Yao Zhao

## List of Publications by Year in descending order

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papers

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1478280

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11  
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docs citations

11  
times ranked

128  
citing authors

#	ARTICLE	IF	CITATIONS
1	An Online ESR Estimation Method for Output Capacitor of Boost Converter. IEEE Transactions on Power Electronics, 2019, 34, 10153-10165.	5.4	47
2	Comparative Research of a Wound-Field Doubly Salient Generator With Different Rectifiers. IEEE Transactions on Industrial Informatics, 2018, 14, 4851-4863.	7.2	27
3	Electromagnetic performance of three-phase doubly fed doubly salient electromagnetic generator. IET Electric Power Applications, 2016, 10, 161-171.	1.1	14
4	Fault-Tolerant Performance of a Three-Phase Dual Armature-Winding Doubly Salient Brushless DC Generator. IEEE Access, 2018, 6, 18022-18031.	2.6	13
5	A dynamic-model-based fault diagnosis method for a wind turbine planetary gearbox using a deep learning network. Protection and Control of Modern Power Systems, 2022, 7, .	4.3	13
6	Two-Step Rotor Position Estimation Method for Doubly Salient Electromagnetic Starter-Generator Over Zero and Low Speeds Range. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 2664-2673.	3.7	8
7	Novel Adaptive Sliding Mode Control with Nonlinear Disturbance Observer for SMT Assembly Machine. Mathematical Problems in Engineering, 2016, 2016, 1-14.	0.6	4
8	Development of Dual Armature-Winding Four-Phase Variable Flux Reluctance Generator for Fault-Tolerant Capability Improvement. IEEE Transactions on Energy Conversion, 2022, 37, 598-611.	3.7	4
9	Comparative Research on Four-Phase Dual Armature-Winding Wound-Field Doubly Salient Generator With Distributed Field Magnetomotive Forces for High-Reliability Application. IEEE Access, 2021, 9, 12579-12591.	2.6	4
10	Overview of the Optimal Design of the Electrically Excited Doubly Salient Variable Reluctance Machine. Energies, 2022, 15, 228.	1.6	4
11	An energy storage coordinated control strategy based on model predictive control for smoothing wind power fluctuations. Transactions of the Institute of Measurement and Control, 0, , 014233122211044.	1.1	0