

Shuai Wu

List of Publications by Year in descending order

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9
papers

238
citations

1307594

7
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a Fit-to-Surface and Lightweight Magnetic Coupler for Autonomous Underwater Vehicle Wireless Charging Systems. IEEE Transactions on Power Electronics, 2021, 36, 9927-9940.	7.9	51
2	A 500-W Wireless Charging System With Lightweight Pick-Up for Unmanned Aerial Vehicles. IEEE Transactions on Power Electronics, 2020, 35, 7721-7724.	7.9	44
3	Unmanned Aerial Vehicle Wireless Charging System With Orthogonal Magnetic Structure and Position Correction Aid Device. IEEE Transactions on Power Electronics, 2021, 36, 7564-7575.	7.9	40
4	A Circumferential Coupled Dipole-Coil Magnetic Coupler for Autonomous Underwater Vehicles Wireless Charging Applications. IEEE Access, 2020, 8, 65432-65442.	4.2	27
5	Compact and Free-Positioning Omnidirectional Wireless Power Transfer System for Unmanned Aerial Vehicle Charging Applications. IEEE Transactions on Power Electronics, 2022, 37, 8790-8794.	7.9	27
6	Uniform Power IPT System With Quadruple-Coil Transmitter and Crossed Dipole Receiver for Autonomous Underwater Vehicles. IEEE Transactions on Industry Applications, 2022, 58, 1289-1297.	4.9	17
7	Development of a Cross-Type Magnetic Coupler for Unmanned Aerial Vehicle IPT Charging Systems. IEEE Access, 2020, 8, 67974-67989.	4.2	14
8	A Novel Magnetic Coupler for Unmanned Aerial Vehicle Wireless Charging Systems. , 2018, , .		9
9	A Strong Misalignment Tolerance Magnetic Coupler for Autonomous Underwater Vehicle Wireless Power Transfer System. , 2018, , .		9