

# Yichao Tang

## List of Publications by Year in descending order

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docs citations

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times ranked

577  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Single-Phase Integrated Onboard Battery Charger Using Propulsion System for Plug-in Electric Vehicles. IEEE Transactions on Vehicular Technology, 2017, 66, 10899-10910.	6.3	120
2	A Three-Phase Integrated Onboard Charger for Plug-In Electric Vehicles. IEEE Transactions on Power Electronics, 2018, 33, 4716-4725.	7.9	101
3	A Bridgeless Boost Rectifier for Low-Voltage Energy Harvesting Applications. IEEE Transactions on Power Electronics, 2013, 28, 5206-5214.	7.9	94
4	An Integrated Dual-Output Isolated Converter for Plug-in Electric Vehicles. IEEE Transactions on Vehicular Technology, 2018, 67, 966-976.	6.3	68
5	A Multiinput Bridgeless Resonant AC-DC Converter for Electromagnetic Energy Harvesting. IEEE Transactions on Power Electronics, 2016, 31, 2254-2263.	7.9	26
6	An Ultracompact Dual-Stage Converter for Driving Electrostatic Actuators in Mobile Microrobots. IEEE Transactions on Power Electronics, 2014, 29, 2991-3000.	7.9	23
7	Bidirectional Resonant DC-DC Step-Up Converters for Driving High-Voltage Actuators in Mobile Microrobots. IEEE Transactions on Power Electronics, 2016, 31, 340-352.	7.9	21
8	Bidirectional hybrid Battery/Ultracapacitor Energy Storage Systems for next generation MVDC shipboard power systems. , 2011, , .		17
9	Reducing detent force while harvesting energy from center of gravity: an 11-poles, 12-slots Generator Design. , 2012, , .		11
10	Miniaturized Bridgeless High-Frequency Resonant AC-DC Step-Up/Step-Down Converters. IEEE Transactions on Power Electronics, 2014, 29, 6518-6533.	7.9	9
11	A low-power and high-gain converter for driving dielectric elastomer actuators. , 2013, , .		8