

Huanyu Yang

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

171
citations

1163117

8
h-index

1372567

10
g-index

13
all docs

13
docs citations

13
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis and Design of Cost-Effective WPT Systems With Dual Independently Regulatable Outputs for Automatic Guided Vehicles. IEEE Transactions on Power Electronics, 2021, 36, 6183-6187.	7.9	34
2	A Monitoring Equipment Charging System for HVTL Based on Domino-Resonator WPT With Constant Current or Constant Voltage Output. IEEE Transactions on Power Electronics, 2022, 37, 3668-3680.	7.9	29
3	Design, Synthesis, and Anti-ToCV Activity of Novel 4(3 <i>H</i>)-Quinazolinone Derivatives Bearing Dithioacetal Moiety. Journal of Agricultural and Food Chemistry, 2020, 68, 5539-5544.	5.2	21
4	First Anti-ToCV Activity Evaluation of Glucopyranoside Derivatives Containing a Dithioacetal Moiety through a Novel ToCVCP-Oriented Screening Method. Journal of Agricultural and Food Chemistry, 2019, 67, 7243-7248.	5.2	18
5	High-Efficiency WPT System for CC/CV Charging Based on Double-half-bridge Inverter Topology with Variable Inductors. IEEE Transactions on Power Electronics, 2021, , 1-1.	7.9	16
6	Discovery of Potent and Novel Quinazolinone Sulfide Inhibitors with Anti-ToCV Activity. Journal of Agricultural and Food Chemistry, 2020, 68, 5302-5308.	5.2	15
7	An Accurate Model of Magnetic Energy Harvester in the Saturated Region for Harvesting Maximum Power: Analysis, Design, and Experimental Verification. IEEE Transactions on Industrial Electronics, 2023, 70, 276-285.	7.9	15
8	Efficiency Analysis and Optimization Method of Power-Relay IPT Systems for Reefer Containers. IEEE Transactions on Power Electronics, 2021, 36, 4942-4947.	7.9	9
9	Tomato Chlorosis Virus Minor Coat Protein as a Novel Target To Screen Antiviral Drugs. Journal of Agricultural and Food Chemistry, 2020, 68, 3425-3433.	5.2	8
10	Efficiency Optimization of Multiple-Tap-Coil-Based IPT System for Reefer Container. , 2020, , .		2
11	Efficiency analysis and optimization of a three-coil wireless power transfer system based on an active rectifier using optimal current ratio control. Journal of Power Electronics, 2021, 21, 1233.	1.5	2
12	Research on Reflective Properties in the IPT System With Dual Secondary Loops. IEEE Transactions on Industry Applications, 2022, 58, 1126-1135.	4.9	1
13	An Accurate Model of Magnetic Energy Harvester for Harvesting Maximum Power Based on Fitting Method. , 2021, , .		1