

# Andrew Meintz

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

1,248  
citations

759233

12  
h-index

888059

17  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Control of Megawatt-Scale Charging Stations for Electric Trucks With Distributed Energy Resources. IEEE Transactions on Transportation Electrification, 2023, 9, 4951-4963.	7.8	8
2	A Framework to Analyze the Requirements of a Multiport Megawatt-Level Charging Station for Heavy-Duty Electric Vehicles. Energies, 2022, 15, 3788.	3.1	7
3	Challenges and Opportunities of Integrating Electric Vehicles in Electricity Distribution Systems. Current Sustainable/Renewable Energy Reports, 2022, 9, 27-40.	2.6	6
4	In-route inductive versus stationary conductive charging for shared automated electric vehicles: A university shuttle service. Applied Energy, 2021, 282, 116132.	10.1	6
5	Real-Time Implementation of Smart Wireless Charging of On-Demand Shuttle Service for Demand Charge Mitigation. IEEE Transactions on Vehicular Technology, 2021, 70, 59-68.	6.3	8
6	A highly efficient control framework for centralized residential charging coordination of large electric vehicle populations. International Journal of Electrical Power and Energy Systems, 2020, 117, 105661.	5.5	55
7	Planning Optimization for Inductively Charged On-Demand Automated Electric Shuttles Project at Greenville, South Carolina. IEEE Transactions on Industry Applications, 2020, 56, 1010-1020.	4.9	21
8	Evaluation of smart charging for electric vehicle-to-building integration: A case study. Applied Energy, 2020, 266, 114803.	10.1	25
9	Testing and Assessment of EMFs and Touch Currents From 25-kW IPT System for Medium-Duty EVs. IEEE Transactions on Vehicular Technology, 2019, 68, 7477-7487.	6.3	29
10	Modeling and Analysis of a Fast Charging Station and Evaluation of Service Quality for Electric Vehicles. IEEE Transactions on Transportation Electrification, 2019, 5, 215-225.	7.8	82
11	System Design and Optimization of In-Route Wireless Charging Infrastructure for Shared Automated Electric Vehicles. IEEE Access, 2019, 7, 79968-79979.	4.2	28
12	Enabling Seamless Integration of EV Charging Infrastructure with Weak Electric Grids. , 2019, , .		1
13	Optimum Planning for Inductively Charged On-demand Automated Electric Shuttles at Greenville, South Carolina. , 2019, , .		3
14	In-Vehicle Assessment of Human Exposure to EMFs from 25-kW WPT System Based on Near-Field Analysis. , 2018, , .		15
15	Workplace Charge Management with Aggregated Building Loads. , 2018, , .		4
16	Development of a DC Fast Charging Station Model for use with EV Infrastructure Projection Tool. , 2018, , .		7
17	Enabling fast charging “ Vehicle considerations. Journal of Power Sources, 2017, 367, 216-227.	7.8	129
18	Enabling fast charging “ Infrastructure and economic considerations. Journal of Power Sources, 2017, 367, 237-249.	7.8	130

#	ARTICLE	IF	CITATIONS
19	Enabling fast charging – A battery technology gap assessment. Journal of Power Sources, 2017, 367, 250-262.	7.8	342
20	Enabling fast charging – Battery thermal considerations. Journal of Power Sources, 2017, 367, 228-236.	7.8	216
21	Enabling fast charging – Introduction and overview. Journal of Power Sources, 2017, 367, 214-215.	7.8	35
22	Analysis of in-route wireless charging for the shuttle system at Zion National Park. , 2016, , .		6
23	An opportunistic wireless charging system design for an on-demand shuttle service. , 2016, , .		11
24	A Cost Effectiveness Analysis of Quasi-Static Wireless Power Transfer for Plug-In Hybrid Electric Transit Buses. , 2015, , .		4
25	Designing efficient hybrid electric vehicles. IEEE Vehicular Technology Magazine, 2009, 4, 65-72.	3.4	18
26	Supervisory control development of a fuel cell plug-in hybrid electric vehicle. , 2009, , .		0
27	Single-phase bidirectional AC-DC converters for plug-in hybrid electric vehicle applications. , 2008, , .		27
28	Control strategy optimization for a parallel hybrid electric vehicle. , 2008, , .		11
29	Parametric study of alternative EV1 powertrains. , 2008, , .		4
30	Study on the effects of battery capacity on the performance of hybrid electric vehicles. , 2008, , .		10