

# Henk Huisman

## List of Publications by Year in descending order

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papers

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1684188

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1872680

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times ranked

167  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Dynamic Behavior for the Series-Resonant Converter Using Bidirectional Charge Control. IEEE Transactions on Power Electronics, 2022, 37, 11607-11619.	7.9	1
2	Influence of Dead-Time and Diode's Reverse Recovery on the Input Current Ripple of Three-phase Voltage Source Inverters. , 2022, , .		1
3	Input Current Ripple Analysis of Six-Phase Full-Bridge Inverters. , 2021, , .		2
4	Thermal Stress Reduction of Power MOSFET in Electric Drive Application with Dynamic Gate Driving Strategy. , 2021, , .		4
5	Thermal Stress Reduction of Power MOSFET with Dynamic Gate Voltage Control and Circulation Current Injection in Electric Drive Application. Electronics (Switzerland), 2020, 9, 2025.	3.1	5
6	A Heuristic Method to Improve Power Cycling Related Lifetime in Series Connectable Modular Full-Bridge Inverter. , 2020, , .		1
7	Innovative and Highly Integrated Modular Electric Drivetrain. World Electric Vehicle Journal, 2019, 10, 89.	3.0	5
8	An Analysis of the Highly Linear Transfer Characteristics of Dual-Buck Converters. IEEE Transactions on Industrial Electronics, 2018, 65, 4681-4690.	7.9	19
9	Charge-based ZVS modulation of a 3â€“5 level bidirectional dual active bridge DC-DC converter. , 2016, , .		12
10	Comparative Evaluation of Bidirectional Dual Active Bridge DC-DC Converter Variants. , 2016, , .		10
11	ZVS modulation strategy for a 3 - 5 level bidirectional Dual Active Bridge DC - DC converter. , 2016, , .		9
12	A 80-kW Isolated DCâ€“DC Converter for Railway Applications. IEEE Transactions on Power Electronics, 2015, 30, 6639-6647.	7.9	63
13	Fast-Shared Current Transient Response in High-Precision Interleaved Inverters. IEEE Transactions on Power Electronics, 2011, 26, 3308-3317.	7.9	12