Fridolin H Heidler

List of Publications by Year
in descending order

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13 papers	134 citations	1307594 7 h-index	1372567 10 g-index
13 all docs	13 docs citations	13 times ranked	102 citing authors

#	Article	IF	Citations
1	The Slow-Varying Electric Field of Negative Upward Lightning Initiated by the Peissenberg Tower, Germany. IEEE Transactions on Electromagnetic Compatibility, 2013, 55, 353-361.	2.2	32
2	Characteristics of Upward Positive Lightning Initiated From the Peissenberg Tower, Germany. IEEE Transactions on Electromagnetic Compatibility, 2015, 57, 102-111.	2.2	31
3	Some Return Stroke Characteristics of Negative Lightning Flashes Recorded at the Peissenberg Tower. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1490-1497.	2.2	17
4	Properties of Three Types of M-Components and ICC-Pulses From Currents of Negative Upward Lightning Measured at the Peissenberg Tower. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1825-1832.	2.2	15
5	Review and Extension of the TCS Model to Consider the Current Reflections at Ground and at the Upper End of the Lightning Channel. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 644-652.	2.2	8
6	Performance of the European Lightning Detection Network EUCLID in Case of Various Types of Current Pulses From Upward Lightning Measured at the Peissenberg Tower. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 116-123.	2.2	8
7	Electric Field Characteristics of Subsequent Return Strokes, M-Components, and ICC-Pulses From Negative Upward Lightning Measured at the Peissenberg Tower. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1138-1146.	2.2	7
8	Field Enhancement by Lightning Strikes to Tall Tower Versus Lightning Strikes to Flat Ground. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 550-557.	2.2	6
9	High-Speed Video Observation, Currents, and EM-Fields From Four Negative Upward Lightning to the Peissenberg Tower, Germany. IEEE Transactions on Electromagnetic Compatibility, 2021, 63, 803-810.	2.2	4
10	Currents on electric installations inside of buildings in case of lightning equipotential bonding at the roof. , 2017, , .		3
11	Share of the Lightning Current on Electric Installation Lines Within a Building Considering Equipotential Bonding at Roof Level. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 1492-1498.	2.2	3
12	Return Stroke Process Simulation Using TCS Model. , 0, , .		0
13	Current and Electric Field Characteristics of 35 Return Strokes from Negative Lightning Measured at Peissenberg Tower Germany. Lecture Notes in Electrical Engineering, 2020, , 1169-1179.	0.4	0