

# Pavel Valtr

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

124  
citations

1684188

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1372567

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docs citations

11  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of the Refractivity Structure of the Lower Troposphere From Measurements on a Terrestrial Multiple-Receiver Radio Link. IEEE Transactions on Antennas and Propagation, 2011, 59, 1707-1715.	5.1	29
2	Atmospheric observations with E-band microwave links – challenges and opportunities. Atmospheric Measurement Techniques, 2020, 13, 6559-6578.	3.1	28
3	Quantifying Wet Antenna Attenuation in 38-GHz Commercial Microwave Links of Cellular Backhaul. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 514-518.	3.1	26
4	Excess Attenuation Caused by Antenna Wetting of Terrestrial Microwave Links at 32 GHz. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1636-1640.	4.0	14
5	Inductive Frequency Selective Surface: An Application for Dichroic Sub-Reflectors. IEEE Access, 2020, 8, 22721-22732.	4.2	9
6	Atmospheric refractivity profiles and microwave propagation on a terrestrial path - Experiment and simulation. , 2013, , .		5
7	Inclusion of Higher Order Diffracted Fields in the Epstein-Peterson Method. IEEE Transactions on Antennas and Propagation, 2015, 63, 3240-3244.	5.1	4
8	On horizontal distribution of vertical gradient of atmospheric refractivity. Atmospheric Science Letters, 2017, 18, 294-299.	1.9	3
9	Interwoven Hexagonal Frequency Selective Surface: An Application for WiFi Propagation Control. IEEE Access, 2021, 9, 111552-111566.	4.2	3
10	Experimental Study on Terrestrial Links Enhancement at 11 and 38 GHz. IEEE Transactions on Antennas and Propagation, 2015, 63, 3179-3186.	5.1	2
11	A Mode-Matching Technique for Analysis of Scattering by Periodic Comb Surfaces. IEEE Transactions on Antennas and Propagation, 2015, 63, 4016-4023.	5.1	1