

# Michael Katsav

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Beam Diffraction by the Tip of a Cone and Creeping Beam Waves: Phenomenology Analysis via the Generalized Complex-Source Method. IEEE Transactions on Antennas and Propagation, 2021, 69, 7830-7845.	5.1	3
2	Tip Diffraction Coefficient of Wide-Angle Cones. IEEE Transactions on Antennas and Propagation, 2020, 68, 6777-6786.	5.1	2
3	Diverging and converging beam diffraction by wedges and cones. , 2016, , .		2
4	Converging and Diverging Beam Diffraction by a Wedge: A Complex-Source Formulation and Alternative Solutions. IEEE Transactions on Antennas and Propagation, 2016, 64, 3080-3093.	5.1	11
5	Converging beam diffraction by a wedge. , 2014, , .		0
6	Beam Diffraction by a Wedge: Exact and Complex Ray Solutions. IEEE Transactions on Antennas and Propagation, 2014, 62, 3731-3740.	5.1	13
7	Gaussian Beams Summation Representation of Half Plane Diffraction: A Full 3-D Formulation. IEEE Transactions on Antennas and Propagation, 2009, 57, 1081-1094.	5.1	17
8	A Beam Summation Representation for 3-D Radiation From a Line Source Distribution. IEEE Transactions on Antennas and Propagation, 2008, 56, 602-605.	5.1	12
9	Phase Space Gaussian Beam Summation Analysis of Half Plane Diffraction. IEEE Transactions on Antennas and Propagation, 2007, 55, 1535-1545.	5.1	12
10	Gaussian Beam Summation Representation of a Two-Dimensional Gaussian Beam Diffraction by a Half Plane. IEEE Transactions on Antennas and Propagation, 2007, 55, 2247-2257.	5.1	12
11	Ultrawideband beam summation algorithms for focusing near curved interfaces. Radio Science, 2005, 40, n/a-n/a.	1.6	1