Michael Katsav

List of Publications by Year
in descending order

11 papers	**85** citations	1478505 **6** h-index	1474206 **9** g-index
11 all docs	**11** docs citations	**11** times ranked	**37** citing authors

#	Article	IF	Citations
1	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
2	Beam Diffraction by a Wedge: Exact and Complex Ray Solutions. IEEE Transactions on Antennas and Propagation, 2014, 62, 3731-3740.	5.1	13
3	Phase Space Gaussian Beam Summation Analysis of Half Plane Diffraction. IEEE Transactions on Antennas and Propagation, 2007, 55, 1535-1545.	5.1	12
4	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
5	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
6	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
7	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
8	Diverging and converging beam diffraction by wedges and cones. , 2016, , .		2
9	Tip Diffraction Coefficient of Wide-Angle Cones. IEEE Transactions on Antennas and Propagation, 2020, 68, 6777-6786.	5.1	2
10	Ultrawideband beam summation algorithms for focusing near curved interfaces. Radio Science, 2005, 40, n/a-n/a.	1.6	1
11	Converging beam diffraction by a wedge. , 2014, , .		0