

# Jerzy Julian Michalski

## List of Publications by Year in descending order

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10  
papers

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1478505

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	ARTIFICIAL NEURAL NETWORKS APPROACH IN MICROWAVE FILTER TUNING. Progress in Electromagnetics Research M, 2010, 13, 173-188.	0.9	35
2	INVERSE MODELING IN APPLICATION FOR SEQUENTIAL FILTER TUNING. Progress in Electromagnetics Research, 2011, 115, 113-129.	4.4	15
3	Efficient and Systematic Solution of Real and Complex Eigenvalue Problems Employing Simplex Chain Vertices Searching Procedure. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2197-2205.	4.6	14
4	THE ANALYTIC EXTRACTION OF THE COMPLEX-VALUED COUPLING MATRIX AND ITS APPLICATION IN THE MICROWAVE FILTER MODELING. Progress in Electromagnetics Research, 2012, 130, 131-151.	4.4	11
5	ON LINEAR MAPPING OF FILTER CHARACTERISTIC TO POSITION OF TUNING ELEMENTS IN FILTER TUNING ALGORITHM. Progress in Electromagnetics Research, 2012, 123, 279-298.	4.4	10
6	Complex Border Tracking Algorithm for Determining of Complex Zeros and Poles and its Applications. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5383-5390.	4.6	9
7	FILTER TUNING BASED ON LINEAR DECOMPOSITION OF SCATTERING CHARACTERISTICS. Progress in Electromagnetics Research, 2013, 135, 451-464.	4.4	5
8	Topological attitude towards path following, applied to localization of complex dispersion characteristics for a lossy microwave, ferrite-coupled transmission line. IMA Journal of Applied Mathematics, 2015, 80, 494-507.	1.6	5
9	Coupling Matrix Extraction by Numerical Solving of Polynomial Systems by Homotopy Continuation. IEEE Microwave and Wireless Components Letters, 2021, 31, 1031-1034.	3.2	2
10	Coupling Matrix Extraction by Entries Deviation and with Use of Sherman-Morrison Formula. , 2019, , .		1