

# Mizuyo Takamatsu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6247009/publications.pdf>

Version: 2024-02-01

16  
papers

89  
citations

1478505

6  
h-index

1474206

9  
g-index

16  
all docs

16  
docs citations

16  
times ranked

45  
citing authors

#	ARTICLE	IF	CITATIONS
1	Bus Timetable Design to Ensure Smooth Transfers in Areas with Low-Frequency Public Transportation Services. <i>Transportation Science</i> , 2020, 54, 1238-1250.	4.4	11
2	Index Reduction for Differential-algebraic Equations with Mixed Matrices. <i>Journal of the ACM</i> , 2019, 66, 1-34.	2.2	4
3	Index Reduction for Differential-Algebraic Equations with Mixed Matrices. , 2018, , 45-55.		0
4	Index Reduction via Unimodular Transformations. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2018, 39, 1135-1151.	1.4	5
5	On the Kronecker Canonical Form of Singular Mixed Matrix Pencils. <i>SIAM Journal on Control and Optimization</i> , 2017, 55, 2134-2150.	2.1	6
6	Matching Problems with Delta-Matroid Constraints. <i>SIAM Journal on Discrete Mathematics</i> , 2014, 28, 942-961.	0.8	0
7	Structural characterization of hybrid equations with tractability index at most two. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 411, 639-651.	1.0	1
8	Computing the Maximum Degree of Minors in Mixed Polynomial Matrices via Combinatorial Relaxation. <i>Algorithmica</i> , 2013, 66, 346-368.	1.3	7
9	On the Kronecker Canonical Form of Mixed Matrix Pencils. <i>SIAM Journal on Matrix Analysis and Applications</i> , 2011, 32, 44-71.	1.4	5
10	Tractability index of hybrid equations for circuit simulation. <i>Mathematics of Computation</i> , 2011, 81, 923-939.	2.1	13
11	NETAL : HIGH-PERFORMANCE IMPLEMENTATION OF NETWORK ANALYSIS LIBRARY CONSIDERING COMPUTER MEMORY HIERARCHY(<Special Issue>SCOPE (Seminar on Computation and OPTimization for new) Tj ETQq1 1 0.7843 14 rgB4 /Overlock		
12	Index characterization of differential-algebraic equations in hybrid analysis for circuit simulation. <i>International Journal of Circuit Theory and Applications</i> , 2010, 38, 419-440.	2.0	10
13	Index minimization of differential-algebraic equations in hybrid analysis for circuit simulation. <i>Mathematical Programming</i> , 2010, 121, 105-121.	2.4	9
14	Computing the Degrees of All Cofactors in Mixed Polynomial Matrices. <i>SIAM Journal on Discrete Mathematics</i> , 2009, 23, 647-660.	0.8	1
15	Index reduction for differential-algebraic equations by substitution method. <i>Linear Algebra and Its Applications</i> , 2008, 429, 2268-2277.	0.9	11
16	Optimizing train stopping patterns for congestion management. <i>Public Transport</i> , 0, , 1.	2.7	2