

Eugene Tyrttyshnikov

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

658
citations

1306789

7
h-index

1125271

13
g-index

17
all docs

17
docs citations

17
times ranked

391
citing authors

#	ARTICLE	IF	CITATIONS
1	TT-cross approximation for multidimensional arrays. <i>Linear Algebra and Its Applications</i> , 2010, 432, 70-88.	0.4	324
2	Mosaic-Skeleton approximations. <i>Calcolo</i> , 1996, 33, 47-57.	0.6	168
3	Kronecker-product approximations for some function-related matrices. <i>Linear Algebra and Its Applications</i> , 2004, 379, 423-437.	0.4	51
4	Tensor properties of multilevel Toeplitz and related matrices. <i>Linear Algebra and Its Applications</i> , 2006, 412, 1-21.	0.4	33
5	Tensor-Train Ranks for Matrices and Their Inverses. <i>Computational Methods in Applied Mathematics</i> , 2011, 11, 394-403.	0.4	19
6	A unifying approach to the construction of circulant preconditioners. <i>Linear Algebra and Its Applications</i> , 2006, 418, 435-449.	0.4	17
7	Mosaic ranks and skeletons. <i>Lecture Notes in Computer Science</i> , 1997, , 505-516.	1.0	16
8	Superfast Inversion of Two-Level Toeplitz Matrices Using Newton Iteration and Tensor-Displacement Structure. , 2007, , 229-240.		11
9	A reciprocal preconditioner for structured matrices arising from elliptic problems with jumping coefficients. <i>Linear Algebra and Its Applications</i> , 2012, 436, 2980-3007.	0.4	7
10	Tensor ranks for the inversion of tensor-product binomials. <i>Journal of Computational and Applied Mathematics</i> , 2010, 234, 3170-3174.	1.1	5
11	Preservation of Linear Constraints in Approximation of Tensors. <i>Numerical Mathematics</i> , 2009, 2, 421-426.	0.6	2
12	Matrix inversion cases with size-independent tensor rank estimates. <i>Linear Algebra and Its Applications</i> , 2009, 431, 558-570.	0.4	2
13	Structured matrices and tensors. <i>Numerical Linear Algebra With Applications</i> , 2012, 19, 1-2.	0.9	2
14	Structured preconditioners for operator equations. <i>Numerical Linear Algebra With Applications</i> , 2005, 12, 251-259.	0.9	1
15	Further generalization of locally Toeplitz sequences. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	0
16	Application of the Global Optimization Methods for Solving the Parameter Estimation Problem in Mathematical Immunology. <i>Lecture Notes in Computer Science</i> , 2020, , 203-209.	1.0	0
17	Preface to the special issue, CMAM 2011, no. 3.. <i>Computational Methods in Applied Mathematics</i> , 2011, 11, 272.	0.4	0