Eugene Tyrtyshnikov

List of Publications by Year
in descending order

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