

Christian Grussler

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

119
citations

1683934

5
h-index

1588896

8
g-index

18
all docs

18
docs citations

18
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Rank Optimization With Convex Constraints. IEEE Transactions on Automatic Control, 2018, 63, 4000-4007.	3.6	25
2	A symmetry approach for balanced truncation of positive linear systems. , 2012, , .		12
3	Modified balanced truncation preserving ellipsoidal cone-invariance. , 2014, , .		12
4	Variation diminishing linear time-invariant systems. Automatica, 2022, 136, 109985.	3.0	11
5	On Second-Order Cone Positive Systems. SIAM Journal on Control and Optimization, 2021, 59, 2717-2739.	1.1	10
6	Balanced Truncation of \mathbb{S}^k -Positive Systems. IEEE Transactions on Automatic Control, 2022, 67, 526-531.	3.6	8
7	Low-Rank Inducing Norms with Optimality Interpretations. SIAM Journal on Optimization, 2018, 28, 3057-3078.	1.2	7
8	Strongly unimodal systems. , 2019, , .		7
9	On optimal low-rank approximation of non-negative matrices. , 2015, , .		6
10	The use of the r^* heuristic in covariance completion problems. , 2016, , .		6
11	Identification of externally positive systems. , 2017, , .		5
12	Local convergence of proximal splitting methods for rank constrained problems. , 2017, , .		4
13	Geometric Matrix Midranges. SIAM Journal on Matrix Analysis and Applications, 2020, 41, 1347-1368.	0.7	2
14	Variation diminishing Hankel operators. , 2020, , .		2
15	Symmetric Positivity Preserving Balanced Truncation. Proceedings in Applied Mathematics and Mechanics, 2012, 12, 717-718.	0.2	1
16	On the similarity to nonnegative and Metzler Hessenberg forms. Special Matrices, 2022, 10, 1-8.	0.2	1
17	Optimality Interpretations for Atomic Norms. , 2019, , .		0
18	Efficient Proximal Mapping Computation for Low-Rank Inducing Norms. Journal of Optimization Theory and Applications, 2022, 192, 168-194.	0.8	0