

Ziyan Luo

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

139
citations

1684188

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1281871

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19
all docs

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75
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Path-following interior point algorithms for the Cartesian $P^*(\mathbb{R}^p)$ -LCP over symmetric cones. Science in China Series A: Mathematics, 2009, 52, 1769-1784. | 0.5 | 41 |
| 2 | Quaternion Matrix Optimization: Motivation and Analysis. Journal of Optimization Theory and Applications, 2022, 193, 621-648. | 1.5 | 20 |
| 3 | Completely Positive Tensors: Properties, Easily Checkable Subclasses, and Tractable Relaxations. SIAM Journal on Matrix Analysis and Applications, 2016, 37, 1675-1698. | 1.4 | 19 |
| 4 | Linear operators and positive semidefiniteness of symmetric tensor spaces. Science China Mathematics, 2015, 58, 197-212. | 1.7 | 15 |
| 5 | Restricted Robinson Constraint Qualification and Optimality for Cardinality-Constrained Cone Programming. Journal of Optimization Theory and Applications, 2017, 175, 104-118. | 1.5 | 8 |
| 6 | A Lagrangeâ€™s Newton algorithm for sparse nonlinear programming. Mathematical Programming, 2022, 195, 903-928. | 2.4 | 6 |
| 7 | Closed-form solutions for short-term sparse portfolio optimization. Optimization, 2022, 71, 1937-1953. | 1.7 | 5 |
| 8 | SLRTA: A sparse and low-rank tensor-based approach to internet traffic anomaly detection. Neurocomputing, 2021, 434, 295-314. | 5.9 | 5 |
| 9 | An $\ell_{0,1}$ -Norm Minimization for Energy-Efficient Timetabling in Subway Systems. IEEE Access, 2019, 7, 59422-59436. | 4.2 | 4 |
| 10 | $\ell_{1,2}$ -based selection and estimation for multivariate generalized linear models. Journal of Multivariate Analysis, 2021, 185, 104782. | 1.0 | 4 |
| 11 | Computing One-Bit Compressive Sensing via Double-Sparsity Constrained Optimization. IEEE Transactions on Signal Processing, 2022, 70, 1593-1608. | 5.3 | 4 |
| 12 | Feasibility and solvability of Lyapunov-type linear programming over symmetric cones. Positivity, 2010, 14, 481-499. | 0.7 | 3 |
| 13 | Tensor Bernstein concentration inequalities with an application to sample estimators for high-order moments. Frontiers of Mathematics in China, 2020, 15, 367-384. | 0.7 | 2 |
| 14 | A regularized strong duality for nonsymmetric semidefinite least squares problem. Optimization Letters, 2011, 5, 665-682. | 1.6 | 1 |
| 15 | Lagrangian duality and saddle points for sparse linear programming. Science China Mathematics, 2019, 62, 2015-2032. | 1.7 | 1 |
| 16 | A sparse tensor optimization approach for background subtraction from compressive measurements. Multimedia Tools and Applications, 2021, 80, 26657. | 3.9 | 1 |
| 17 | Half thresholding eigenvalue algorithm for semidefinite matrix completion. Science China Mathematics, 2015, 58, 2015-2032. | 1.7 | 0 |
| 18 | Orthogonal tucker decomposition using factor priors for 2D+3D facial expression recognition. IET Biometrics, 2021, 10, 664. | 2.5 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Tensor Manifold with Tucker Rank Constraints. Asia-Pacific Journal of Operational Research, 0, , 2150022. | 1.3 | 0 |