

Sejong Kim

List of Publications by Year in descending order

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papers

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1163117

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1058476

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docs citations

28
times ranked

132
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Phase estimation at the quantum Cram r-Rao bound via parity detection. <i>Physical Review A</i> , 2013, 87, . | 2.5 | 72 |
| 2 | The matrix geometric mean of parameterized, weighted arithmetic and harmonic means. <i>Linear Algebra and Its Applications</i> , 2011, 435, 2114-2131. | 0.9 | 16 |
| 3 | Unit Balls, Lorentz Boosts, and Hyperbolic Geometry. <i>Results in Mathematics</i> , 2013, 63, 1225-1242. | 0.8 | 16 |
| 4 | The power mean and the least squares mean of probability measures on the space of positive definite matrices. <i>Linear Algebra and Its Applications</i> , 2015, 465, 325-346. | 0.9 | 13 |
| 5 | Distances of qubit density matrices on Bloch sphere. <i>Journal of Mathematical Physics</i> , 2011, 52, 102303. | 1.1 | 9 |
| 6 | Bounds for the Wasserstein mean with applications to the Lie-Trotter mean. <i>Journal of Mathematical Analysis and Applications</i> , 2019, 475, 1744-1753. | 1.0 | 9 |
| 7 | Inequalities of the Wasserstein mean with other matrix means. <i>Annals of Functional Analysis</i> , 2020, 11, 194-207. | 0.8 | 9 |
| 8 | Relative operator entropy related with the spectral geometric mean. <i>Analysis and Mathematical Physics</i> , 2015, 5, 233-240. | 1.3 | 8 |
| 9 | An order inequality characterizing invariant barycenters on symmetric cones. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 442, 1-16. | 1.0 | 8 |
| 10 | Barycentric maps for compactly supported measures. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 458, 1009-1026. | 1.0 | 8 |
| 11 | Hilbert Projective Metric on a Gyrogroup of Qubit Density Matrices. <i>Reports on Mathematical Physics</i> , 2015, 76, 389-400. | 0.8 | 7 |
| 12 | Operator entropy and fidelity associated with the geometric mean. <i>Linear Algebra and Its Applications</i> , 2013, 438, 2475-2483. | 0.9 | 6 |
| 13 | Ordered Gyrovector Spaces. <i>Symmetry</i> , 2020, 12, 1041. | 2.2 | 6 |
| 14 | A converse inequality of higher order weighted arithmetic and geometric means of positive definite operators. <i>Linear Algebra and Its Applications</i> , 2007, 426, 490-496. | 0.9 | 5 |
| 15 | Lie-Trotter means of positive definite operators. <i>Linear Algebra and Its Applications</i> , 2017, 531, 268-280. | 0.9 | 5 |
| 16 | The Hadamard product for the weighted Karcher means. <i>Linear Algebra and Its Applications</i> , 2016, 501, 290-303. | 0.9 | 4 |
| 17 | A fixed point mean approximation to the Cartan barycenter of positive definite matrices. <i>Linear Algebra and Its Applications</i> , 2016, 496, 420-437. | 0.9 | 4 |
| 18 | The quasi-arithmetic means and Cartan barycenters of compactly supported measures. <i>Forum Mathematicum</i> , 2018, 30, 753-765. | 0.7 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Tensor product and Hadamard product for the Wasserstein means. <i>Linear Algebra and Its Applications</i> , 2020, 603, 496-507. | 0.9 | 3 |
| 20 | An Approach to the Log-Euclidean Mean via the Karcher Mean on Symmetric Cones. <i>Taiwanese Journal of Mathematics</i> , 2016, 20, . | 0.4 | 3 |
| 21 | Local midpoints on smooth manifolds. <i>Differential Geometry and Its Applications</i> , 2015, 39, 129-146. | 0.5 | 2 |
| 22 | The Order Properties and Karcher Barycenters of Probability Measures on the Open Convex Cone. <i>Taiwanese Journal of Mathematics</i> , 2018, 22, . | 0.4 | 2 |
| 23 | Geometric mean block matrices. <i>Linear Algebra and Its Applications</i> , 2019, 575, 299-313. | 0.9 | 2 |
| 24 | Repetition invariant geometric means. <i>Linear Algebra and Its Applications</i> , 2018, 544, 443-459. | 0.9 | 1 |
| 25 | Matrix extremal problems and shift invariant means. <i>Linear Algebra and Its Applications</i> , 2020, 587, 166-194. | 0.9 | 1 |
| 26 | Two-Variable Wasserstein Means of Positive Definite Operators. <i>Mediterranean Journal of Mathematics</i> , 2022, 19, . | 0.8 | 1 |
| 27 | Geometric mean of partial positive definite matrices with missing entries. <i>Linear and Multilinear Algebra</i> , 2020, 68, 2408-2433. | 1.0 | 0 |
| 28 | Wasserstein barycenters of compactly supported measures. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1. | 1.3 | 0 |