

# Sejong Kim

## List of Publications by Year in descending order

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papers

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citations

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#	ARTICLE	IF	CITATIONS
1	Two-Variable Wasserstein Means of Positive Definite Operators. <i>Mediterranean Journal of Mathematics</i> , 2022, 19, .	0.8	1
2	Wasserstein barycenters of compactly supported measures. <i>Analysis and Mathematical Physics</i> , 2021, 11, 1.	1.3	0
3	Geometric mean of partial positive definite matrices with missing entries. <i>Linear and Multilinear Algebra</i> , 2020, 68, 2408-2433.	1.0	0
4	Matrix extremal problems and shift invariant means. <i>Linear Algebra and Its Applications</i> , 2020, 587, 166-194.	0.9	1
5	Ordered Gyrovector Spaces. <i>Symmetry</i> , 2020, 12, 1041.	2.2	6
6	Tensor product and Hadamard product for the Wasserstein means. <i>Linear Algebra and Its Applications</i> , 2020, 603, 496-507.	0.9	3
7	Inequalities of the Wasserstein mean with other matrix means. <i>Annals of Functional Analysis</i> , 2020, 11, 194-207.	0.8	9
8	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
9	Geometric mean block matrices. <i>Linear Algebra and Its Applications</i> , 2019, 575, 299-313.	0.9	2
10	Repetition invariant geometric means. <i>Linear Algebra and Its Applications</i> , 2018, 544, 443-459.	0.9	1
11	Barycentric maps for compactly supported measures. <i>Journal of Mathematical Analysis and Applications</i> , 2018, 458, 1009-1026.	1.0	8
12	The quasi-arithmetic means and Cartan barycenters of compactly supported measures. <i>Forum Mathematicum</i> , 2018, 30, 753-765.	0.7	4
13	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
14	Lie-Trotter means of positive definite operators. <i>Linear Algebra and Its Applications</i> , 2017, 531, 268-280.	0.9	5
15	An order inequality characterizing invariant barycenters on symmetric cones. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 442, 1-16.	1.0	8
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	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

#	ARTICLE	IF	CITATIONS
19	Hilbert Projective Metric on a Gyrogroup of Qubit Density Matrices. Reports on Mathematical Physics, 2015, 76, 389-400.	0.8	7
20	Local midpoints on smooth manifolds. Differential Geometry and Its Applications, 2015, 39, 129-146.	0.5	2
21	Relative operator entropy related with the spectral geometric mean. Analysis and Mathematical Physics, 2015, 5, 233-240.	1.3	8
22	The power mean and the least squares mean of probability measures on the space of positive definite matrices. Linear Algebra and Its Applications, 2015, 465, 325-346.	0.9	13
23	Unit Balls, Lorentz Boosts, and Hyperbolic Geometry. Results in Mathematics, 2013, 63, 1225-1242.	0.8	16
24	Operator entropy and fidelity associated with the geometric mean. Linear Algebra and Its Applications, 2013, 438, 2475-2483.	0.9	6
25	Phase estimation at the quantum Cram�r-Rao bound via parity detection. Physical Review A, 2013, 87, .	2.5	72
26	The matrix geometric mean of parameterized, weighted arithmetic and harmonic means. Linear Algebra and Its Applications, 2011, 435, 2114-2131.	0.9	16
27	Distances of qubit density matrices on Bloch sphere. Journal of Mathematical Physics, 2011, 52, 102303.	1.1	9
28	A converse inequality of higher order weighted arithmetic and geometric means of positive definite operators. Linear Algebra and Its Applications, 2007, 426, 490-496.	0.9	5