# Tanvi Jain

List of Publications by Year
in descending order

| 16 papers | 274 citations | 1163117<br>8 h-index | 1125743<br>13 g-index |
|---|---|---|---|
| 17 all docs | 17 docs citations | 17 times ranked | 149 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Derivatives of symplectic eigenvalues and a Lidskii type theorem. Canadian Journal of Mathematics, 2022, 74, 457-485. | 0.6 | 11 |
| 2 | Variational principles for symplectic eigenvalues. Canadian Mathematical Bulletin, 2021, 64, 553-559. | 0.5 | 5 |
| 3 | Sums and products of symplectic eigenvalues. Linear Algebra and Its Applications, 2021, 631, 67-82. | 0.9 | 1 |
| 4 | Hadamard powers of rank two, doubly nonnegative matrices. Advances in Operator Theory, 2020, 5, 839-849. | 0.6 | 6 |
| 5 | Rajendra Bhatia and his mathematical achievements. Advances in Operator Theory, 2020, 5, 850-863. | 0.6 | 1 |
| 6 | A Schur-Horn theorem for symplectic eigenvalues. Linear Algebra and Its Applications, 2020, 599, 133-139. | 0.9 | 6 |
| 7 | Matrix versions of the Hellinger distance. Letters in Mathematical Physics, 2019, 109, 1777-1804. | 1.1 | 28 |
| 8 | Inequalities for the Wasserstein mean of positive definite matrices. Linear Algebra and Its Applications, 2019, 576, 108-123. | 0.9 | 17 |
| 9 | On the Bures–Wasserstein distance between positive definite matrices. , 2019, 37, 165-191. | | 102 |
| 10 | Strong convexity of sandwiched entropies and related optimization problems. Reviews in Mathematical Physics, 2018, 30, 1850014. | 1.7 | 13 |
| 11 | Hadamard powers of some positive matrices. Linear Algebra and Its Applications, 2017, 528, 147-158. | 0.9 | 11 |
| 12 | Inertia of Loewner matrices. Indiana University Mathematics Journal, 2016, 65, 1251-1261. | 0.9 | 9 |
| 13 | On symplectic eigenvalues of positive definite matrices. Journal of Mathematical Physics, 2015, 56, . | 1.1 | 42 |
| 14 | Inertia of the matrix $[(p_i+p_j)^r]$. Journal of Spectral Theory, 2015, 5, 71-87. | 0.8 | 12 |
| 15 | On some positive definite functions. Positivity, 2015, 19, 903-910. | 0.7 | 7 |
| 16 | Positivity properties of the matrix $$\left[(i+j)^{i+j}\right]$$ $( i + j ) i + j$. Archiv Der Mathematik, 2014, 103, 279-283. | 0.5 | 1 |