# Lijing Lin

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 18<br>papers | 400<br>citations | 759233<br>12<br>h-index | 839539<br>18<br>g-index |
| 19<br>all docs | 19<br>docs citations | 19<br>times ranked | 453<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Cytokine Responses to Rhinovirus and Development of Asthma, Allergic Sensitization, and Respiratory Infections during Childhood. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1265-1274. | 5.6 | 73 |
| 2 | A Schur–Padé Algorithm for Fractional Powers of a Matrix. SIAM Journal on Matrix Analysis and Applications, 2011, 32, 1056-1078. | 1.4 | 49 |
| 3 | An Improved Schur--Padé Algorithm for Fractional Powers of a Matrix and Their Fréchet Derivatives. SIAM Journal on Matrix Analysis and Applications, 2013, 34, 1341-1360. | 1.4 | 46 |
| 4 | On pth roots of stochastic matrices. Linear Algebra and Its Applications, 2011, 435, 448-463. | 0.9 | 41 |
| 5 | Perturbation analysis and condition numbers of scaled total least squares problems. Numerical Algorithms, 2009, 51, 381-399. | 1.9 | 30 |
| 6 | Covariance structure regularization via entropy loss function. Computational Statistics and Data Analysis, 2014, 72, 315-327. | 1.2 | 28 |
| 7 | A scoping review of causal methods enabling predictions under hypothetical interventions. Diagnostic and Prognostic Research, 2021, 5, 3. | 1.8 | 24 |
| 8 | Informative presence and observation in routine health data: A review of methodology for clinical risk prediction. Journal of the American Medical Informatics Association: JAMIA, 2021, 28, 155-166. | 4.4 | 20 |
| 9 | Toward a framework for the design, implementation, and reporting of methodology scoping reviews. Journal of Clinical Epidemiology, 2020, 127, 191-197. | 5.0 | 16 |
| 10 | Convergence and quotient convergence of iterative methods for solving singular linear equations with index one. Linear Algebra and Its Applications, 2009, 430, 1665-1674. | 0.9 | 13 |
| 11 | Condition numbers and perturbation analysis for the Tikhonov regularization of discrete ill-posed problems. Numerical Linear Algebra With Applications, 2011, 18, 87-103. | 1.6 | 13 |
| 12 | On level-2 condition number for the weighted Moore–Penrose inverse. Computers and Mathematics With Applications, 2008, 55, 788-800. | 2.7 | 12 |
| 13 | On the convergence of splittings for semidefinite linear systems. Linear Algebra and Its Applications, 2008, 429, 2555-2566. | 0.9 | 11 |
| 14 | Molecular characterization of fast-growing melanomas. Journal of the American Academy of Dermatology, 2022, 86, 312-321. | 1.2 | 11 |
| 15 | Sex differences in innate anti-viral immune responses to respiratory viruses and in their clinical outcomes in a birth cohort study. Scientific Reports, 2021, 11, 23741. | 3.3 | 6 |
| 16 | New perturbation bounds for the W-weighted Drazin inverse. Journal of Applied Mathematics and Computing, 2006, 21, 153-173. | 2.5 | 4 |
| 17 | On the convergence of subproper (multi)-splitting methods for solving rectangular linear systems. Calcolo, 2008, 45, 17-33. | 1.1 | 2 |
| 18 | Matrix Functions: A Short Course. Series in Contemporary Applied Mathematics, 2015, , 1-27. | 0.8 | 1 |