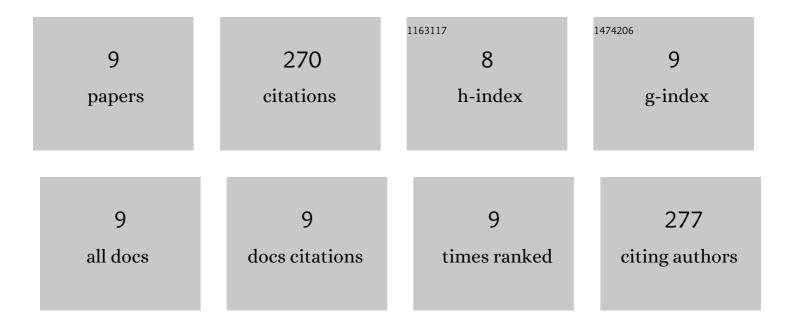
Rohan Vernekar

List of Publications by Year in descending order

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ROHAN VERNERAR

| # | Article | IF | CITATIONS |
|---|--|------|-----------|
| 1 | Deterministic Lateral Displacement: Challenges and Perspectives. ACS Nano, 2020, 14, 10784-10795. | 14.6 | 97 |
| 2 | Anisotropic permeability in deterministic lateral displacement arrays. Lab on A Chip, 2017, 17, 3318-3330. | 6.0 | 37 |
| 3 | Analysis of transport of collimated radiation in a participating media using the lattice Boltzmann method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 2088-2099. | 2.3 | 32 |
| 4 | Lattice Boltzmann Method Applied to Radiative Transport Analysis in a Planar Participating Medium. Heat Transfer Engineering, 2014, 35, 1267-1278. | 1.9 | 28 |
| 5 | Labelâ€Free Biophysical Markers from Whole Blood Microfluidic Immune Profiling Reveal Severe Immune Response Signatures. Small, 2021, 17, e2006123. | 10.0 | 22 |
| 6 | Analysis of transport of short-pulse radiation in a participating medium using lattice Boltzmann method. International Journal of Heat and Mass Transfer, 2014, 77, 218-229. | 4.8 | 21 |
| 7 | Breakdown of deterministic lateral displacement efficiency for non-dilute suspensions: A numerical study. Medical Engineering and Physics, 2015, 37, 845-854. | 1.7 | 20 |
| 8 | The fluidic resistance of an array of obstacles and a method for improving boundaries in deterministic lateral displacement arrays. Microfluidics and Nanofluidics, 2020, 24, 1. | 2.2 | 12 |
| 9 | Inflammation Biomarkers: Labelâ€Free Biophysical Markers from Whole Blood Microfluidic Immune Profiling Reveal Severe Immune Response Signatures (Small 12/2021). Small, 2021, 17, 2170051. | 10.0 | 1 |