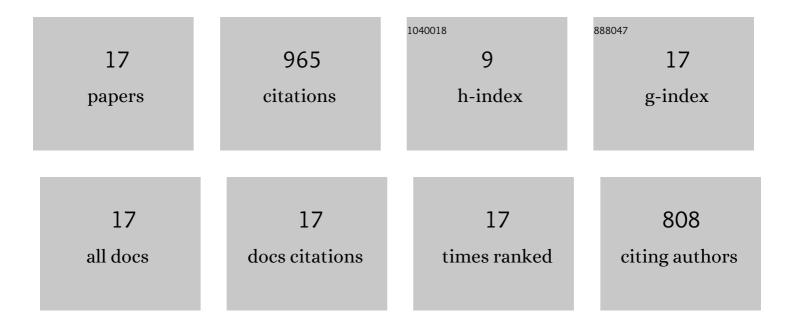
## Kinjalk Lochan

List of Publications by Year in descending order

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KINIALKLOCHAN

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Models of wave-function collapse, underlying theories, and experimental tests. Reviews of Modern<br>Physics, 2013, 85, 471-527.                                | 45.6 | 775       |
| 2  | Black Holes: Eliminating Information or Illuminating New Physics?. Universe, 2017, 3, 55.  | 2.5  | 41        |
| 3  | Trace Dynamics and a non-commutative special relativity. Physics Letters, Section A: General, Atomic and Solid State Physics, 2011, 375, 3747-3750.            | 2.1  | 17        |
| 4  | Statistical Thermodynamics for a Non-commutative Special Relativity: Emergence of a Generalized Quantum Dynamics. Foundations of Physics, 2012, 42, 1556-1572. | 1.3  | 17        |
| 5  | Extracting Information about the Initial State from the Black Hole Radiation. Physical Review Letters, 2016, 116, 051301.                                      | 7.8  | 16        |
| 6  | Detecting Acceleration-Enhanced Vacuum Fluctuations with Atoms Inside a Cavity. Physical Review Letters, 2020, 125, 241301.                                    | 7.8  | 15        |
| 7  | Quantum correlators in Friedmann spacetimes: The omnipresent de Sitter spacetime and the invariant vacuum noise. Physical Review D, 2018, 98, .                | 4.7  | 14        |
| 8  | Signature of neutrino mass hierarchy in gravitational lensing. Physical Review D, 2020, 102, .   | 4.7  | 13        |
| 9  | Noise kernel for the self-similar Tolman-Bondi metric: Fluctuations on the Cauchy horizon. Physical<br>Review D, 2013, 87, .                                   | 4.7  | 11        |
| 10 | Tunneling during quantum collapse in AdS spacetime. Physical Review D, 2013, 87, .   | 4.7  | 8         |
| 11 | A Comparison Between Models of Gravity Induced Decoherence. Foundations of Physics, 2015, 45, 1537-1560.   | 1.3  | 8         |
| 12 | Unruh-DeWitt detector responses for complex scalar fields in de Sitter spacetime. Journal of High<br>Energy Physics, 2021, 2021, 1.                            | 4.7  | 7         |
| 13 | Generalized thermalization for integrable system under quantum quench. Physical Review E, 2018, 97, 012142.  | 2.1  | 6         |
| 14 | Stress energy correlator in de Sitter spacetime: Its conformal masking or growth in connected<br>Friedmann universes. Physical Review D, 2020, 102, .          | 4.7  | 6         |
| 15 | Unruh effect for inertial observers through vacuum correlations. European Physical Journal C, 2018,<br>78, 1.  | 3.9  | 5         |
| 16 | Aspects of gravitational decoherence in neutrino lensing. Physical Review D, 2021, 104, .  | 4.7  | 4         |
| 17 | Infrared signatures of a quantum bounce in a minisuperspace analysis of Lemaître-Tolman-Bondi dust<br>collapse. Physical Review D, 2021, 104, .                | 4.7  | 2         |