

# Netta Engelhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8426572/publications.pdf>

Version: 2024-02-01

24  
papers

1,564  
citations

567281

15  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

514  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The entropy of bulk quantum fields and the entanglement wedge of an evaporating black hole. Journal of High Energy Physics, 2019, 2019, 1. | 4.7 | 491       |
| 2  | Quantum extremal surfaces: holographic entanglement entropy beyond the classical regime. Journal of High Energy Physics, 2015, 2015, 1.    | 4.7 | 436       |
| 3  | Extremal surface barriers. Journal of High Energy Physics, 2014, 2014, 1.  | 4.7 | 69        |
| 4  | New Area Law in General Relativity. Physical Review Letters, 2015, 115, 081301.  | 7.8 | 62        |
| 5  | Simple holographic models of black hole evaporation. Journal of High Energy Physics, 2020, 2020, 1.  | 4.7 | 58        |
| 6  | Decoding the Apparent Horizon: Coarse-Grained Holographic Entropy. Physical Review Letters, 2018, 121, 211301.                             | 7.8 | 55        |
| 7  | Free energy from replica wormholes. Physical Review D, 2021, 103, .  | 4.7 | 53        |
| 8  | Coarse graining holographic black holes. Journal of High Energy Physics, 2019, 2019, 1.  | 4.7 | 52        |
| 9  | Proof of a new area law in general relativity. Physical Review D, 2015, 92, .  | 4.7 | 49        |
| 10 | Holographic Signatures of Cosmological Singularities. Physical Review Letters, 2014, 113, 121602.  | 7.8 | 42        |
| 11 | Quantum maximin surfaces. Journal of High Energy Physics, 2020, 2020, 1.   | 4.7 | 40        |
| 12 | A world without pythons would be so simple. Classical and Quantum Gravity, 2021, 38, 234001.   | 4.0 | 22        |
| 13 | Recovering the spacetime metric from a holographic dual. Advances in Theoretical and Mathematical Physics, 2017, 21, 1635-1653.            | 0.6 | 18        |
| 14 | Surface theory: the classical, the quantum, and the holographic. Classical and Quantum Gravity, 2019, 36, 205002.                          | 4.0 | 17        |
| 15 | Finding pythons in unexpected places. Classical and Quantum Gravity, 2022, 39, 094002.   | 4.0 | 16        |
| 16 | The gravity dual of boundary causality. Classical and Quantum Gravity, 2016, 33, 175004.   | 4.0 | 15        |
| 17 | New insights into quantum gravity from gauge/gravity duality. International Journal of Modern Physics D, 2016, 25, 1643002.                | 2.1 | 13        |
| 18 | No simple dual to the causal holographic information?. Journal of High Energy Physics, 2017, 2017, 1.                                      | 4.7 | 13        |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | General bounds on holographic complexity. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.                     | 4.7 | 13        |
| 20 | Canonical purification of evaporating black holes. <i>Physical Review D</i> , 2022, 105, .                           | 4.7 | 12        |
| 21 | Holographic argument for the Penrose inequality in AdS spacetimes. <i>Physical Review D</i> , 2019, 99, .            | 4.7 | 8         |
| 22 | Locality from quantum gravity: All or nothing. <i>International Journal of Modern Physics D</i> , 2017, 26, 1743028. | 2.1 | 4         |
| 23 | Causal density matrices. <i>Physical Review D</i> , 2017, 95, .  | 4.7 | 3         |
| 24 | Holography abhors visible trapped surfaces. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.                   | 4.7 | 3         |