

# Jakob Gath

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6675792/publications.pdf>

Version: 2024-02-01

12  
papers

936  
citations

933447

10  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

1496  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Reply to comment on "The Computational 2D Materials Database: high-throughput modeling and discovery of atomically thin crystals". 2D Materials, 2019, 6, 048002. | 4.4 | 12        |
| 2  | Consistency in drift-ordered fluid equations. Physics of Plasmas, 2019, 26, .   | 1.9 | 4         |
| 3  | Dissipative hydrodynamics with higher-form symmetry. Journal of High Energy Physics, 2018, 2018, 1.   | 4.7 | 22        |
| 4  | The Computational 2D Materials Database: high-throughput modeling and discovery of atomically thin crystals. 2D Materials, 2018, 5, 042002.                       | 4.4 | 711       |
| 5  | Forced fluid dynamics from blackfolds in general supergravity backgrounds. Journal of High Energy Physics, 2016, 2016, 1.   | 4.7 | 17        |
| 6  | Petrov classification and holographic reconstruction of spacetime. Journal of High Energy Physics, 2015, 2015, 1.   | 4.7 | 15        |
| 7  | Probing the hydrodynamic limit of (super)gravity. Journal of High Energy Physics, 2015, 2015, 1.  | 4.7 | 8         |
| 8  | Viscous asymptotically flat Reissner-Nordström black branes. Journal of High Energy Physics, 2014, 2014, 1.   | 4.7 | 11        |
| 9  | Holographic models for theories with hyperscaling violation. Journal of High Energy Physics, 2013, 2013, 1.   | 4.7 | 66        |
| 10 | Electroelasticity of charged black branes. Journal of High Energy Physics, 2013, 2013, 1.   | 4.7 | 15        |
| 11 | Black Branes as Piezoelectrics. Physical Review Letters, 2012, 109, 241101.   | 7.8 | 22        |
| 12 | First-principles calculations of graphene nanoribbons in gaseous environments: Structural and electronic properties. Physical Review B, 2010, 82, .               | 3.2 | 33        |