

# Ciaran Mullan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/631285/publications.pdf>

Version: 2024-02-01

7  
papers

358  
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1651377

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1905433

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7  
docs citations

7  
times ranked

681  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Machine learning enhanced electrical impedance tomography for 2D materials. Inverse Problems, 2022, 38, 085007.                | 1.0  | 5         |
| 2 | Tunable van Hove singularities and correlated states in twisted monolayer–bilayer graphene. Nature Physics, 2021, 17, 619-626. | 6.5  | 103       |
| 3 | Long-range ballistic transport of Brown-Zak fermions in graphene superlattices. Nature Communications, 2020, 11, 5756.         | 5.8  | 25        |
| 4 | In situ manipulation of van der Waals heterostructures for twistrionics. Science Advances, 2020, 6, .                          | 4.7  | 69        |
| 5 | Electronic phase separation in multilayer rhombohedral graphite. Nature, 2020, 584, 210-214.                                   | 13.7 | 81        |
| 6 | High-temperature electronic devices enabled by hBN-encapsulated graphene. Applied Physics Letters, 2019, 114, .                | 1.5  | 32        |
| 7 | Graphene hot-electron light bulb: incandescence from hBN-encapsulated graphene in air. 2D Materials, 2018, 5, 011006.          | 2.0  | 43        |