

# Daniel Bulmash

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1906086/publications.pdf>

Version: 2024-02-01

16  
papers

1,799  
citations

686830

13  
h-index

940134

16  
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all docs

16  
docs citations

16  
times ranked

3510  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scanning tunnelling microscopy and spectroscopy of ultra-flat graphene on hexagonal boron nitride. Nature Materials, 2011, 10, 282-285.	13.3	1,157
2	Prediction of a Weyl semimetal in $\text{HgCdMn}_2$ . Physical Review B, 2014, 89, .	1.1	97
3	Higgs mechanism in higher-rank symmetric U(1) gauge theories. Physical Review B, 2018, 97, .	1.6	68
4	Quantum oscillations from generic surface Fermi arcs and bulk chiral modes in Weyl semimetals. Scientific Reports, 2016, 6, 23741.	1.1	55
5	Wiedemann-Franz law and Fermi liquids. Physical Review B, 2019, 99, .	1.3	54
6	Topological defect networks for fractons of all types. Physical Review Research, 2020, 2, .	3.0	49
7	FERMI LARGE AREA TELESCOPE DETECTION OF GRAVITATIONAL LENS DELAYED $\hat{\gamma}$ -RAY FLARES FROM BLAZAR B0218+357. Astrophysical Journal Letters, 2014, 782, L14.	1.6	45
8	GAMMA-RAY FLARING ACTIVITY FROM THE GRAVITATIONALLY LENSED BLAZAR PKS 1830-211 OBSERVED BY FERMI-LAT. Astrophysical Journal, 2015, 799, 143.	1.1	33
9	Quantum oscillations in Weyl and Dirac semimetal ultrathin films. Physical Review B, 2016, 93, .	1.1	31
10	Gauging fractons: Immobile non-Abelian quasiparticles, fractals, and position-dependent degeneracies. Physical Review B, 2019, 100, .	1.3	16
11	Braiding and gapped boundaries in fracton topological phases. Physical Review B, 2019, 99, .	2.8	11
12	Absolute anomalies in (2+1)D symmetry-enriched topological states and exact (3+1)D constructions. Physical Review Research, 2020, 2, .	1.1	8
13	Fermionic symmetry fractionalization in $2+1$ dimensions. Physical Review B, 2022, 105, .	1.1	3
14	Unified Topological Response Theory For Gapped and Gapless Free Fermions. Physical Review X, 2015, 5, .		
15	Anomaly cascade in $\text{TjETQq110.784314rgBT/Overlock10Tf50187Td}$ (arXiv:1508.04012)		
16	Strongly interacting phases of metallic wires in strong magnetic field. Physical Review B, 2017, 96, .		