

# David Carpentier

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7055020/publications.pdf>

Version: 2024-02-01

10  
papers

509  
citations

1163117

8  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

548  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Index for Periodically Driven Time-Reversal Invariant 2D Systems. Physical Review Letters, 2015, 114, 106806.	7.8	134
2	An introduction to topological insulators. Comptes Rendus Physique, 2013, 14, 779-815.	0.9	131
3	Topological Weyl semi-metal from a lattice model. Europhysics Letters, 2012, 97, 67004.	2.0	98
4	Volkov-Pankratov states in topological heterojunctions. Physical Review B, 2017, 96, .	3.2	49
5	Observation of Volkov-Pankratov states in topological HgTe heterojunctions using high-frequency compressibility. Physical Review B, 2017, 96, .	3.2	40
6	Construction and properties of a topological index for periodically driven time-reversal invariant 2D crystals. Nuclear Physics B, 2015, 896, 779-834.	2.5	28
7	Dynamical conductivity of the Fermi arc and the Volkov-Pankratov states on the surface of Weyl semimetals. Physical Review B, 2019, 100, .	3.2	17
8	Topological Elasticity of Nonorientable Ribbons. Physical Review X, 2019, 9, .	8.9	9
9	Signature of the chiral anomaly in ballistic Weyl junctions. JPhys Materials, 2018, 1, 015008.	4.2	2
10	Topological power pumping in quantum circuits. Physical Review Research, 2022, 4, .	3.6	1