

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