

# Madhab Neupane

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6361966/publications.pdf>

Version: 2024-02-01

54  
papers

10,275  
citations

196777

29  
h-index

198040

52  
g-index

55  
all docs

55  
docs citations

55  
times ranked

8348  
citing authors



#	ARTICLE	IF	CITATIONS
19	A novel artificial condensed matter lattice and a new platform for one-dimensional topological phases. <i>Science Advances</i> . 2017. 3. e1501692. Tunability of the topological nodal-line semimetal phase in $ZrSiX$	4.7	48

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#	ARTICLE	IF	CITATIONS
37	Fermi surface topology and hot spot distribution in the Kondo lattice system Physical Review B, 2015, 92, .	1.1	29
38	Tunable spin helical Dirac quasiparticles on the surface of three-dimensional HgTe. Physical Review B, 2015, 92, .	1.1	19
39	Fermi surface interconnectivity and topology in Weyl fermion semimetals TaAs, TaP, NbAs, and NbP. Physical Review B, 2015, 92, .	1.1	127
40	Gigantic Surface Lifetime of an Intrinsic Topological Insulator. Physical Review Letters, 2015, 115, 116801.	2.9	84
41	Non-Kondo-like Electronic Structure in the Correlated Rare-Earth Hexaboride Physical Review Letters, 2015, 114, 016403.	2.9	46
42	A Weyl Fermion semimetal with surface Fermi arcs in the transition metal monpnictide TaAs class. Nature Communications, 2015, 6, 7373.	5.8	1,336
43	Discovery of a Weyl fermion semimetal and topological Fermi arcs. Science, 2015, 349, 613-617.	6.0	2,753
44	Unconventional transformation of spin Dirac phase across a topological quantum phase transition. Nature Communications, 2015, 6, 6870.	5.8	34
45	Observation of Fermi arc surface states in a topological metal. Science, 2015, 347, 294-298.	6.0	603
46	Electronic structure of the quantum spin Hall parent compound CdTe and related topological issues. Physical Review B, 2014, 90, .	1.1	11
47	Observation of a three-dimensional topological Dirac semimetal phase in high-mobility Cd <sub>3</sub> As <sub>2</sub> . Nature Communications, 2014, 5, 3786.	5.8	1,166
48	Observation of quantum-tunnelling-modulated spin texture in ultrathin topological insulator Bi <sub>2</sub> Se <sub>3</sub> films. Nature Communications, 2014, 5, 3841.	5.8	112
49	Momentum-space imaging of Cooper pairing in a half-Dirac-gas topological superconductor. Nature Physics, 2014, 10, 943-950.	6.5	134
50	Spin-correlated electronic state on the surface of a spin-orbit Mott system. Physical Review B, 2014, 90, .	1.1	11
51	Observation of monolayer valence band spin-orbit effect and induced quantum well states in MoX <sub>2</sub> . Nature Communications, 2014, 5, 4673.	5.8	121
52	Optical evidence of surface state suppression in Bi-based topological insulators. Physical Review B, 2014, 89, .	1.1	56
53	Fermi surface topology and low-lying electronic structure of the iron-based superconductor Ca		