

Zuocheng Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1365850/zuocheng-zhang-publications-by-citations.pdf>

Version: 2024-04-10

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

13 papers	1,332 citations	11 h-index	13 g-index
13 ext. papers	1,517 ext. citations	13.1 avg, IF	3.68 L-index

#	Paper	IF	Citations
13	Direct observation of the layer-dependent electronic structure in phosphorene. <i>Nature Nanotechnology</i> , 2017 , 12, 21-25	28.7	473
12	Quantum Hall effect in black phosphorus two-dimensional electron system. <i>Nature Nanotechnology</i> , 2016 , 11, 593-7	28.7	289
11	Electron interaction-driven insulating ground state in Bi ₂ Se ₃ topological insulators in the two-dimensional limit. <i>Physical Review B</i> , 2011 , 83,	3.3	204
10	Strain-Modulated Bandgap and Piezo-Resistive Effect in Black Phosphorus Field-Effect Transistors. <i>Nano Letters</i> , 2017 , 17, 6097-6103	11.5	88
9	Chemical-potential-dependent gap opening at the Dirac surface states of Bi ₂ Se ₃ induced by aggregated substitutional Cr atoms. <i>Physical Review Letters</i> , 2014 , 112, 056801	7.4	84
8	Thickness Dependence of the Quantum Anomalous Hall Effect in Magnetic Topological Insulator Films. <i>Advanced Materials</i> , 2016 , 28, 6386-90	24	50
7	Electrically tuned magnetic order and magnetoresistance in a topological insulator. <i>Nature Communications</i> , 2014 , 5, 4915	17.4	42
6	Quantum Hall Effect in Electron-Doped Black Phosphorus Field-Effect Transistors. <i>Nano Letters</i> , 2018 , 18, 6611-6616	11.5	31
5	Disentangling the magnetoelectric and thermoelectric transport in topological insulator thin films. <i>Physical Review B</i> , 2015 , 91,	3.3	28
4	Magnetic quantum phase transition in Cr-doped Bi(SeTe) driven by the Stark effect. <i>Nature Nanotechnology</i> , 2017 , 12, 953-957	28.7	13
3	Transport properties of Sb ₂ Te ₃ /Bi ₂ Te ₃ topological insulator heterostructures. <i>Physica Status Solidi - Rapid Research Letters</i> , 2013 , 7, 142-144	2.5	12
2	Field-effect modulation of anomalous Hall effect in diluted ferromagnetic topological insulator epitaxial films. <i>Science China: Physics, Mechanics and Astronomy</i> , 2016 , 59, 1	3.6	11
1	Zeeman effect of the topological surface states revealed by quantum oscillations up to 91 Tesla. <i>Physical Review B</i> , 2015 , 92,	3.3	7