

Pavel P Shibayev

List of Publications by Year in descending order

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8
papers

3,780
citations

1478505

6
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

4374
citing authors

#	ARTICLE	IF	CITATIONS
1	Discovery of a Weyl fermion semimetal and topological Fermi arcs. Science, 2015, 349, 613-617.	12.6	2,753
2	Observation of Fermi arc surface states in a topological metal. Science, 2015, 347, 294-298.	12.6	603
3	Experimental discovery of a topological Weyl semimetal state in TaP. Science Advances, 2015, 1, e1501092.	10.3	337
4	Unconventional transformation of spin Dirac phase across a topological quantum phase transition. Nature Communications, 2015, 6, 6870.	12.8	34
5	Fermi surface topology and hot spot distribution in the Kondo lattice system $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \text{mathvariant="bold"} \rangle \text{CeB} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \text{mathvariant="bold"} \rangle 6 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2015, 92, .	3.2	29
6	Electric field modulated topological magnetoelectric effect in $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \text{Bi} \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$. Physical Review B, 2018, 98, .	7.8	6
7	Infrared Spectroscopy of the Topological Surface States of $\langle \text{mml:math} \text{xmlns:mml="http://www.w3.org/1998/Math/MathML"} \text{display="inline"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi} \rangle \text{Bi} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ by Use of the Berreman Effect. Physical Review Letters, 2018, 121, 176803.	7.8	6
8	Engineering Topological Superlattices and Phase Diagrams. Nano Letters, 2019, 19, 716-721.	9.1	5