

# Topological quantum chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Double crystallographic groups and their representations on the Bilbao Crystallographic Server. Journal of Applied Crystallography, 2017, 50, 1457-1477.	1.9	177
3	Robust doubly charged nodal lines and nodal surfaces in centrosymmetric systems. Physical Review B, 2017, 96, .	1.1	156
4	Spinless hourglass nodal-line semimetals. Physical Review B, 2017, 96, .	1.1	48
5	Quantum materials: Where many paths meet. MRS Bulletin, 2017, 42, 698-705.	1.7	12
6	Line nodes, Dirac points, and Lifshitz transition in two-dimensional nonsymmorphic photonic crystals. Physical Review B, 2017, 96, .	1.1	34
7	Realizing double Dirac particles in the presence of electronic interactions. Physical Review B, 2017, 96, Structural and electronic properties of $\hat{I}\pm$ -(BEDT-TTF)	1.1	23
8	$\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I} \pm \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mi} \rangle \langle \text{mml:mathvariant="normal"} \rangle I \langle \text{mml:mi} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle$ , $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mi} \rangle \hat{I}^2 \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$		

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21	Symmorphic Intersecting Nodal Rings in Semiconducting Layers. <i>Physical Review Letters</i> , 2018, 120, 106403.	2.9	42
22	Universal Relation among the Many-Body Chern Number, Rotation Symmetry, and Filling. <i>Physical Review Letters</i> , 2018, 120, 096601.	2.9	16
23	Quantum oscillation evidence for a topological semimetal phase in ZrSnTe. <i>Physical Review B</i> , 2018, 97, .	1.1	22
24	Magnetic second-order topological insulators and semimetals. <i>Physical Review B</i> , 2018, 97, .	1.1	91
25	Chemical Principles of Topological Semimetals. <i>Chemistry of Materials</i> , 2018, 30, 3155-3176.	3.2	166
26	Band connectivity for topological quantum chemistry: Band structures as a graph theory problem. <i>Physical Review B</i> , 2018, 97, .	1.1	49
27	Building blocks of topological quantum chemistry: Elementary band representations. <i>Physical Review B</i> , 2018, 97, .	1.1	160
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36	Casting a Wider Net: Rational Synthesis Design of Low-Dimensional Bulk Materials. <i>Accounts of Chemical Research</i> , 2018, 51, 12-20.	7.6	18
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61	Invariance and Quantization of Charges and Currents. , 0, , 5-37.		0
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81	Conversion Rules for Weyl Points and Nodal Lines in Topological Media. Physical Review Letters, 2018, 121, 106402.	2.9	39

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83	Diagnosis for Nonmagnetic Topological Semimetals in the Absence of Spin-Orbital Coupling. <i>Physical Review X</i> , 2018, 8, .	2.8	76
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210	Spectral and optical properties of $\text{Ag}_3\text{Au}(\text{Se}_2, \text{Te}_2)$ and dark matter detection. <i>JPhys Materials</i> , 2020, 3, 014001.	1.8	9
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