

Chris Bourne

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

220
citations

1478505

6
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Locally equivalent quasifree states and index theory. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 104004.	2.1	1
2	Localised Module Frames and Wannier Bases from Groupoid Morita Equivalences. Journal of Fourier Analysis and Applications, 2021, 27, 1.	1.0	4
3	The classification of symmetry protected topological phases of one-dimensional fermion systems. Forum of Mathematics, Sigma, 2021, 9, .	0.7	16
4	On \hat{A} -indices for ground states of fermionic chains. Reviews in Mathematical Physics, 2020, 32, 2050028.	1.7	7
5	The Cayley transform in complex, real and graded K-theory. International Journal of Mathematics, 2020, 31, 2050074.	0.5	3
6	Index Theory and Topological Phases of Aperiodic Lattices. Annales Henri Poincare, 2019, 20, 1969-2038.	1.7	6
7	Application of Semifinite Index Theory to Weak Topological Phases. MATRIX Book Series, 2018, , 203-227.	0.2	2
8	Non-commutative Chern numbers for generic aperiodic discrete systems. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 235202.	2.1	40
9	Chern Numbers, Localisation and the Bulk-edge Correspondence for Continuous Models of Topological Phases. Mathematical Physics Analysis and Geometry, 2018, 21, 1.	1.0	21
10	The K-Theoretic Bulk-Edge Correspondence for Topological Insulators. Annales Henri Poincare, 2017, 18, 1833-1866.	1.7	47
11	TOPOLOGICAL STATES OF MATTER AND NONCOMMUTATIVE GEOMETRY. Bulletin of the Australian Mathematical Society, 2016, 94, 349-349.	0.5	1
12	A non-commutative framework for topological insulators. Reviews in Mathematical Physics, 2016, 28, 1650004.	1.7	44
13	The Bulk-Edge Correspondence for the Quantum Hall Effect in Kasparov Theory. Letters in Mathematical Physics, 2015, 105, 1253-1273.	1.1	24
14	The KO-valued spectral flow for skew-adjoint Fredholm operators. Journal of Topology and Analysis, 0, , 1-52.	0.5	4