

# Alan Lawrence Carey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/881999/publications.pdf>

Version: 2024-02-01

16  
papers

485  
citations

1163117

8  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systems science and systems thinking for public health: a systematic review of the field. <i>BMJ Open</i> , 2015, 5, e009002.	1.9	254
2	Spectral flow and Dixmier traces. <i>Advances in Mathematics</i> , 2003, 173, 68-113.	1.1	81
3	Spectral Flow in Fredholm Modules, Eta Invariants and the JLO Cocycle. <i>K-theory</i> , 2004, 31, 135-194.	0.5	42
4	Spectral flow is the integral of one forms on the Banach manifold of self adjoint Fredholm operators. <i>Advances in Mathematics</i> , 2009, 222, 1809-1849.	1.1	18
5	Infinite complex spin groups. <i>Journal of Functional Analysis</i> , 1989, 83, 1-43.	1.4	14
6	Anomalies of Dirac Type Operators on Euclidean Space. <i>Communications in Mathematical Physics</i> , 2015, 335, 445-475.	2.2	10
7	On the Witten index in terms of spectral shift functions. <i>Journal D'Analyse Mathematique</i> , 2017, 132, 1-61.	0.8	10
8	Trace formulas for a class of non-Fredholm operators: A review. <i>Reviews in Mathematical Physics</i> , 2016, 28, 1630002.	1.7	9
9	L2 TORSION WITHOUT THE DETERMINANT CLASS CONDITION AND EXTENDED L2 COHOMOLOGY. <i>Communications in Contemporary Mathematics</i> , 2005, 07, 421-462.	1.2	8
10	Measurable operators and the asymptotics of heat kernels and zeta functions. <i>Journal of Functional Analysis</i> , 2012, 262, 4582-4599.	1.4	8
11	On index theory for non-Fredholm operators: A $(1 + 1)$ -dimensional example. <i>Mathematische Nachrichten</i> , 2016, 289, 575-609.	0.8	8
12	K-cycles for twisted K-homology. <i>Journal of K-Theory</i> , 2013, 12, 69-98.	0.2	7
13	A Jost-Pais-Type Reduction of Fredholm Determinants and Some Applications. <i>Integral Equations and Operator Theory</i> , 2014, 79, 389-447.	0.8	6
14	On a spectral flow formula for the homological index. <i>Advances in Mathematics</i> , 2016, 289, 1106-1156.	1.1	5
15	Double operator integral methods applied to continuity of spectral shift functions. <i>Journal of Spectral Theory</i> , 2016, 6, 747-779.	0.8	4
16	The Witten index and the spectral shift function. <i>Reviews in Mathematical Physics</i> , 0, , .	1.7	1