

Cormac Breen

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

104
citations

1307594

7
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

46
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode-sum prescription for the vacuum polarization in odd dimensions. <i>Physical Review D</i> , 2016, 94, .	4.7	16
2	Extended Green-Liouville asymptotics and vacuum polarization for lukewarm black holes. <i>Physical Review D</i> , 2010, 82, .	4.7	15
3	Mode-sum prescription for vacuum polarization in black hole spacetimes in even dimensions. <i>Physical Review D</i> , 2017, 96, .	4.7	14
4	Hadamard renormalization of the stress energy tensor in a spherically symmetric black hole space-time with an application to lukewarm black holes. <i>Physical Review D</i> , 2012, 85, .	4.7	13
5	Hadamard renormalization of the stress energy tensor on the horizons of a spherically symmetric black hole space-time. <i>Physical Review D</i> , 2012, 85, .	4.7	10
6	Vacuum polarization on the brane. <i>Physical Review D</i> , 2015, 92, .	4.7	8
7	Investigating secondary students beliefs about mathematical problem-solving. <i>International Journal of Mathematical Education in Science and Technology</i> , 2018, 49, 1203-1218.	1.4	7
8	Maximizing the impact of digital supports in Mathematics Learning Support in Higher Education – An overview of the 9th Annual IMLSN Workshop. <i>MSOR Connections</i> , 2015, 14, 11.	0.1	5
9	Measuring the mathematical problem solving and procedural skills of students in an Irish higher education institution – A pilot study. <i>European Journal of Science and Mathematics Education</i> , 2020, 8, 92-106.	1.1	4
10	Mind the gap: an initial analysis of the transition of a second level curriculum reform to higher education. <i>Teaching Mathematics and Its Applications</i> , 2017, , hrw024.	0.8	3
11	Vacuum polarization for varying quantum scalar field parameters in Schwarzschild–anti–de Sitter spacetime. <i>Physical Review D</i> , 2018, 98, .	4.7	3
12	How well do engineering students retain core mathematical knowledge after a series of high threshold online mathematics tests?. <i>Teaching Mathematics and Its Applications</i> , 0, , hrw021.	0.8	2
13	Mathematics Learning Support across a Multi-Campus Institution: A Prototype of Virtual Support. <i>MSOR Connections</i> , 2016, 14, 8.	0.1	2
14	Profiling mathematical procedural and problem-solving skills of undergraduate students following a new mathematics curriculum. <i>International Journal of Mathematical Education in Science and Technology</i> , 2023, 54, 220-249.	1.4	1
15	Semiclassical backreaction on asymptotically anti–de Sitter black holes. <i>Physical Review D</i> , 2021, 103, .	4.7	1