

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