

Sumati Surya

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

377
citations

840776

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794594

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23
all docs

23
docs citations

23
times ranked

175
citing authors

#	ARTICLE	IF	CITATIONS
1	The causal set approach to quantum gravity. <i>Living Reviews in Relativity</i> , 2019, 22, 1.	26.7	101
2	On recovering continuum topology from a causal set. <i>Journal of Mathematical Physics</i> , 2007, 48, 032501.	1.1	34
3	Evidence for the continuum in 2D causal set quantum gravity. <i>Classical and Quantum Gravity</i> , 2012, 29, 132001.	4.0	33
4	Stable homology as an indicator of manifoldlikeness in causal set theory. <i>Classical and Quantum Gravity</i> , 2009, 26, 175008.	4.0	26
5	Towards a definition of locality in a manifoldlike causal set. <i>Physical Review D</i> , 2013, 88, .	4.7	26
6	A 2D model of causal set quantum gravity: the emergence of the continuum. <i>Classical and Quantum Gravity</i> , 2008, 25, 105025.	4.0	19
7	Boundary terms for causal sets. <i>Classical and Quantum Gravity</i> , 2015, 32, 205004.	4.0	16
8	Echoes of asymptotic silence in causal set quantum gravity. <i>Classical and Quantum Gravity</i> , 2017, 34, 16LT01.	4.0	15
9	Onset of the Asymptotic Regime for (Uniformly Random) Finite Orders. <i>Experimental Mathematics</i> , 2017, 26, 253-266.	0.7	13
10	The Hartleâ€“Hawking wave function in 2D causal set quantum gravity. <i>Classical and Quantum Gravity</i> , 2016, 33, 065003.	4.0	12
11	Observables in extended percolation models of causal set cosmology. <i>Classical and Quantum Gravity</i> , 2006, 23, 1381-1390.	4.0	11
12	Studies on the SJ vacuum in de Sitter spacetime. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	4.7	11
13	Dimensionally restricted causal set quantum gravity: examples in two and three dimensions. <i>Classical and Quantum Gravity</i> , 2020, 37, 054002.	4.0	11
14	Scalar field Green functions on causal sets. <i>Classical and Quantum Gravity</i> , 2017, 34, 124002.	4.0	9
15	Spectral dimension on spatial hypersurfaces in causal set quantum gravity. <i>Classical and Quantum Gravity</i> , 2019, 36, 235013.	4.0	7
16	Entanglement entropy of causal set de Sitter horizons. <i>Classical and Quantum Gravity</i> , 2021, 38, 115001.	4.0	7
17	Sorkin-Johnston vacuum for a massive scalar field in the 2D causal diamond. <i>Physical Review D</i> , 2019, 100, .	4.7	5
18	Induced spatial geometry from causal structure. <i>Classical and Quantum Gravity</i> , 2019, 36, 105005.	4.0	5

#	ARTICLE	IF	CITATIONS
19	A spacetime calculation of the Calabrese-Cardy entanglement entropy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136567.	4.1	4
20	A criterion for covariance in complex sequential growth models. Classical and Quantum Gravity, 2020, 37, 195030.	4.0	4
21	Entropy and the link action in the causal set path-sum. Classical and Quantum Gravity, 2021, 38, 045017.	4.0	4
22	Spacetime entanglement entropy of de Sitter and black hole horizons. Classical and Quantum Gravity, 2022, 39, 035004.	4.0	4