

# Jakub Gizbert-Studnicki

## List of Publications by Year in descending order

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24  
papers

377  
citations

687363

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752698

20  
g-index

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docs citations

24  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topology induced first-order phase transitions in lattice quantum gravity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
2	CDT Quantum Toroidal Spacetimes: An Overview. Universe, 2021, 7, 79.	2.5	14
3	Cosmic voids and filaments from quantum gravity. European Physical Journal C, 2021, 81, 1.	3.9	5
4	Scalar fields in causal dynamical triangulations. Classical and Quantum Gravity, 2021, 38, 195030.	4.0	6
5	Matter-Driven Change of Spacetime Topology. Physical Review Letters, 2021, 127, 161301.	7.8	6
6	Renormalization in Quantum Theories of Geometry. Frontiers in Physics, 2020, 8, .	2.1	19
7	The higher-order phase transition in toroidal CDT. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
8	Critical phenomena in causal dynamical triangulations. Classical and Quantum Gravity, 2019, 36, 224001.	4.0	7
9	Towards an UV fixed point in CDT gravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
10	Pseudo-Cartesian coordinates in a model of Causal Dynamical Triangulations. Nuclear Physics B, 2019, 943, 114626.	2.5	7
11	The phase structure of causal dynamical triangulations with toroidal spatial topology. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
12	Four-dimensional CDT with toroidal topology. Nuclear Physics B, 2017, 922, 226-246.	2.5	24
13	Characteristics of the new phase in CDT. European Physical Journal C, 2017, 77, 152.	3.9	28
14	New higher-order transition in causal dynamical triangulations. Physical Review D, 2017, 95, .	4.7	24
15	Recent results in CDT quantum gravity. , 2017, , .		3
16	Phase Structure of Causal Dynamical Triangulations in 4D. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 305.	0.1	1
17	Impact of topology in causal dynamical triangulations quantum gravity. Physical Review D, 2016, 94, .	4.7	22
18	Searching for a continuum limit in causal dynamical triangulation quantum gravity. Physical Review D, 2016, 93, .	4.7	18

#	ARTICLE	IF	CITATIONS
19	Exploring the new phase transition of CDT. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
20	Signature change of the metric in CDT quantum gravity?. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
21	The effective action in 4-dim CDT. The transfer matrix approach. Journal of High Energy Physics, 2014, 2014, 1.	4.7	28
22	The transfer matrix in four dimensional causal dynamical triangulations. , 2013, , .		3
23	The transfer matrix in four-dimensional CDT. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
24	The semiclassical limit of causal dynamical triangulations. Nuclear Physics B, 2011, 849, 144-165.	2.5	60