

# Jakub Gizbert-Studnicki

## List of Publications by Year in descending order

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24  
papers

377  
citations

687363

13  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

109  
citing authors

#	ARTICLE	IF	CITATIONS
1	The semiclassical limit of causal dynamical triangulations. Nuclear Physics B, 2011, 849, 144-165.	2.5	60
2	The effective action in 4-dim CDT. The transfer matrix approach. Journal of High Energy Physics, 2014, 2014, 1.	4.7	28
3	Characteristics of the new phase in CDT. European Physical Journal C, 2017, 77, 152.	3.9	28
4	Signature change of the metric in CDT quantum gravity?. Journal of High Energy Physics, 2015, 2015, 1.	4.7	26
5	Four-dimensional CDT with toroidal topology. Nuclear Physics B, 2017, 922, 226-246.	2.5	24
6	New higher-order transition in causal dynamical triangulations. Physical Review D, 2017, 95, .	4.7	24
7	Impact of topology in causal dynamical triangulations quantum gravity. Physical Review D, 2016, 94, .	4.7	22
8	The phase structure of causal dynamical triangulations with toroidal spatial topology. Journal of High Energy Physics, 2018, 2018, 1.	4.7	21
9	Renormalization in Quantum Theories of Geometry. Frontiers in Physics, 2020, 8, .	2.1	19
10	The transfer matrix in four-dimensional CDT. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
11	Searching for a continuum limit in causal dynamical triangulation quantum gravity. Physical Review D, 2016, 93, .	4.7	18
12	Exploring the new phase transition of CDT. Journal of High Energy Physics, 2016, 2016, 1.	4.7	15
13	CDT Quantum Toroidal Spacetimes: An Overview. Universe, 2021, 7, 79.	2.5	14
14	Towards an UV fixed point in CDT gravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
15	The higher-order phase transition in toroidal CDT. Journal of High Energy Physics, 2020, 2020, 1.	4.7	8
16	Critical phenomena in causal dynamical triangulations. Classical and Quantum Gravity, 2019, 36, 224001.	4.0	7
17	Pseudo-Cartesian coordinates in a model of Causal Dynamical Triangulations. Nuclear Physics B, 2019, 943, 114626.	2.5	7
18	Scalar fields in causal dynamical triangulations. Classical and Quantum Gravity, 2021, 38, 195030.	4.0	6

#	ARTICLE	IF	CITATIONS
19	Matter-Driven Change of Spacetime Topology. Physical Review Letters, 2021, 127, 161301.	7.8	6
20	Cosmic voids and filaments from quantum gravity. European Physical Journal C, 2021, 81, 1.	3.9	5
21	Topology induced first-order phase transitions in lattice quantum gravity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	4
22	The transfer matrix in four dimensional causal dynamical triangulations. , 2013, , .		3
23	Recent results in CDT quantum gravity. , 2017, , .		3
24	Phase Structure of Causal Dynamical Triangulations in 4D. Acta Physica Polonica B, Proceedings Supplement, 2017, 10, 305.	0.1	1