

Hongguang Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2902174/publications.pdf>

Version: 2024-02-01

15
papers

186
citations

1040056

9
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

68
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytic continuation of spinfoam models. <i>Physical Review D</i> , 2022, 105, .	4.7	5
2	Improved effective dynamics of loop-quantum-gravity black hole and Nariai limit. <i>Classical and Quantum Gravity</i> , 2022, 39, 035011.	4.0	14
3	Finiteness of spinfoam vertex amplitude with timelike polyhedra and the regularization of full amplitude. <i>Physical Review D</i> , 2022, 105, .	4.7	4
4	Spinfoam on a Lefschetz thimble: Markov chain Monte Carlo computation of a Lorentzian spinfoam propagator. <i>Physical Review D</i> , 2021, 103, .	4.7	24
5	Unitarity and Information in Quantum Gravity: A Simple Example. <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	2.8	11
6	Path integral renormalization in loop quantum cosmology. <i>Physical Review D</i> , 2021, 103, .	4.7	5
7	Loop quantum gravity on dynamical lattice and improved cosmological effective dynamics with inflaton. <i>Physical Review D</i> , 2021, 104, .	4.7	4
8	Improved $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mover accent="true"} \langle \text{mml:mi} \hat{I}^4 \langle \text{mml:mi} \rangle \langle \text{mml:mo stretchy="false"} \rangle \hat{A} \langle \text{mml:mo} \rangle \langle \text{mml:mover} \rangle \langle \text{mml:math} \rangle$ -scheme effective dynamics of full loop quantum gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	18
9	Numerical computations of next-to-leading order corrections in spinfoam large- $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"} \langle \text{mml:mi} \rangle \langle \text{mml:math} \rangle$ asymptotics. <i>Physical Review D</i> , 2020, 102, .	4.7	8
10	Manifestly gauge-invariant cosmological perturbation theory from full loop quantum gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	7
11	Semiclassical limit of new path integral formulation from reduced phase space loop quantum gravity. <i>Physical Review D</i> , 2020, 102, .	4.7	15
12	Effective dynamics from coherent state path integral of full loop quantum gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	32
13	Asymptotic analysis of spin foam amplitude with timelike triangles. <i>Physical Review D</i> , 2019, 99, .	4.7	19
14	Gravity as an SU (1, 1) gauge theory in four dimensions. <i>Classical and Quantum Gravity</i> , 2017, 34, 135008.	4.0	11
15	Distinguishing f(R) theories from general relativity by gravitational lensing effect. <i>European Physical Journal C</i> , 2017, 77, 1.	3.9	9