

Hal M Haggard

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

708
citations

567281

15
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642732

23
g-index

23
all docs

23
docs citations

23
times ranked

337
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum-gravity effects outside the horizon spark black to white hole tunneling. <i>Physical Review D</i> , 2015, 92, .	4.7	166
2	White holes as remnants: a surprising scenario for the end of a black hole. <i>Classical and Quantum Gravity</i> , 2018, 35, 225003.	4.0	93
3	http://www.w3.org/1998/Math/MathML $\langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="normal"} \rangle \text{SL} \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mo stretchy="false"} \rangle \langle \text{mml:mn} \rangle 2 \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle , \langle \text{mml:mo} \rangle \langle \text{mml:mi} \rangle \text{Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 65$ theory, a non-planar graph operator, and 4D quantum gravity with a cosmological constant; Semiclassical geometry. <i>Nuclear Physics B</i> , 2015, 900, 1-79	2.5	55
4	Discreteness of the Volume of Space from Bohr-Sommerfeld Quantization. <i>Physical Review Letters</i> , 2011, 107, 011301.	7.8	50
5	Four-dimensional quantum gravity with a cosmological constant from three-dimensional holomorphic blocks. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2016, 752, 258-262.	4.1	41
6	Effective Spin Foam Models for Four-Dimensional Quantum Gravity. <i>Physical Review Letters</i> , 2020, 125, 231301.	7.8	35
7	Bohr-Sommerfeld quantization of space. <i>Physical Review D</i> , 2012, 86, .	4.7	31
8	Encoding Curved Tetrahedra in Face Holonomies: Phase Space of Shapes from Group-Valued Moment Maps. <i>Annales Henri Poincare</i> , 2016, 17, 2001-2048.	1.7	30
9	Asymptotics of the Wigner 9 j -symbol. <i>Classical and Quantum Gravity</i> , 2010, 27, 135010.	4.0	25
10	exocartographer: A Bayesian Framework for Mapping Exoplanets in Reflected Light. <i>Astronomical Journal</i> , 2018, 156, 146.	4.7	25
11	Discrete gravity dynamics from effective spin foams. <i>Classical and Quantum Gravity</i> , 2021, 38, 145023.	4.0	24
12	Quantum gravity effects around Sagittarius A*. <i>International Journal of Modern Physics D</i> , 2016, 25, 1644021.	2.1	20
13	Spin connection of twisted geometry. <i>Physical Review D</i> , 2013, 87, .	4.7	18
14	Death and resurrection of the zeroth principle of thermodynamics. <i>Physical Review D</i> , 2013, 87, .	4.7	17
15	Coupling and thermal equilibrium in general-covariant systems. <i>Physical Review D</i> , 2013, 88, .	4.7	15
16	Black to white hole tunneling: An exact classical solution. <i>International Journal of Modern Physics A</i> , 2015, 30, 1545015.	1.5	14
17	The degrees of freedom of area Regge calculus: dynamics, non-metricity, and broken diffeomorphisms. <i>Classical and Quantum Gravity</i> , 2018, 35, 135009.	4.0	14
18	Analytic reflected light curves for exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 371-385.	4.4	10

#	ARTICLE	IF	CITATIONS
19	Symplectic and semiclassical aspects of the Schläfli identity. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 105203.	2.1	9
20	Holographic description of boundary gravitons in (3+1) dimensions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
21	The boundary is mixed. General Relativity and Gravitation, 2017, 49, 1.	2.0	4
22	Gibbsing spacetime: a group field theory approach to equilibrium in quantum gravity. New Journal of Physics, 2018, 20, 071001.	2.9	3
23	Spin fluctuations and black hole singularities: the onset of quantum gravity is spacelike. New Journal of Physics, 2018, 20, 103028.	2.9	1