Hal M Haggard

List of Publications by Year
in descending order

23 papers	708 citations	567281 15 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	337 citing authors

#	Article	IF	Citations
1	Discrete gravity dynamics from effective spin foams. Classical and Quantum Gravity, 2021, 38, 145023.	4.0	24
2	Effective Spin Foam Models for Four-Dimensional Quantum Gravity. Physical Review Letters, 2020, 125, 231301.	7.8	35
3	Holographic description of boundary gravitons in (3+1) dimensions. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
4	Gibbsing spacetime: a group field theory approach to equilibrium in quantum gravity. New Journal of Physics, 2018, 20, 071001.	2.9	3
5	White holes as remnants: a surprising scenario for the end of a black hole. Classical and Quantum Gravity, 2018, 35, 225003.	4.0	93
6	Analytic reflected light curves for exoplanets. Monthly Notices of the Royal Astronomical Society, 2018, 478, 371-385.	4.4	10
7	Spin fluctuations and black hole singularities: the onset of quantum gravity is spacelike. New Journal of Physics, 2018, 20, 103028.	2.9	1
8	exocartographer: A Bayesian Framework for Mapping Exoplanets in Reflected Light. Astronomical Journal, 2018, 156, 146.	4.7	25
9	The degrees of freedom of area Regge calculus: dynamics, non-metricity, and broken diffeomorphisms. Classical and Quantum Gravity, 2018, 35, 135009.	4.0	14
10	The boundary is mixed. General Relativity and Gravitation, 2017, 49, 1.	2.0	4
11	Four-dimensional quantum gravity with a cosmological constant from three-dimensional holomorphic blocks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2016, 752, 258-262.	4.1	41
12	Quantum gravity effects around Sagittarius A*. International Journal of Modern Physics D, 2016, 25, 1644021.	2.1	20
13	Encoding Curved Tetrahedra in Face Holonomies: Phase Space of Shapes from Group-Valued Moment Maps. Annales Henri Poincare, 2016, 17, 2001-2048.	1.7	30
14	Quantum-gravity effects outside the horizon spark black to white hole tunneling. Physical Review D, 2015, 92, .	4.7	166
15	$SL(2,\mathbb{C})$ Chern-Simons theory, a non-planar graph operator, and 4D quantum gravity with a cosmological constant: Semiclassical geometry. Nuclear Physics B, 2015, 900, 1-79.	2.5	55
16	Symplectic and semiclassical aspects of the Schläfli identity. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 105203.	2.1	9
17	Black to white hole tunneling: An exact classical solution. International Journal of Modern Physics A, 2015, 30, 1545015.	1.5	14
18	Coupling and thermal equilibrium in general-covariant systems. Physical Review D, 2013, 88, .	4.7	15

#	Article	IF	Citations
19	Spin connection of twisted geometry. Physical Review D, 2013, 87, .	4.7	18
20	Death and resurrection of the zeroth principle of thermodynamics. Physical Review D, 2013, 87, .	4.7	17
21	Bohr-Sommerfeld quantization of space. Physical Review D, 2012, 86, .	4.7	31
22	Discreteness of the Volume of Space from Bohr-Sommerfeld Quantization. Physical Review Letters, 2011, 107, 011301.	7.8	50
23	Asymptotics of the Wigner 9 j -symbol. Classical and Quantum Gravity, 2010, 27, 135010.	4.0	25