David Sloan

List of Publications by Year
in descending order

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Version: 2024-02-01

31 papers	642 citations	858243 12 h-index	651938 25 g-index
31 all docs	31 docs citations	31 times ranked	398 citing authors

#	Article	IF	Citations
1	New action for cosmology. Physical Review D, 2021, 103, .	1.6	10
2	Scale Symmetry and Friction. Symmetry, 2021, 13, 1639.	1.1	4
3	When scale is surplus. SynthÃˆse, 2021, 199, 14769.	0.6	9
4	Squared quartic hilltop inflation. Physical Review D, 2021, 104, .	1.6	3
5	T -model inflation and bouncing cosmology. Physical Review D, 2020, 101, .	1.6	6
6	Scalar fields and the FLRW singularity. Classical and Quantum Gravity, 2019, 36, 235004.	1.5	15
7	Through the big bang: Continuing Einstein's equations beyond a cosmological singularity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 778, 339-343.	1.5	24
8	Dynamical similarity. Physical Review D, 2018, 97, .	1.6	18
9	Celebrate the scientific hierarchy. Nature Physics, 2017, 13, 1034-1034.	6.5	1
10	Cosmology of an infinite dimensional universe. Physical Review D, 2017, 96, .	1.6	6
11	The Resilience of Life to Astrophysical Events. Scientific Reports, 2017, 7, 5419.	1.6	29
12	Current observations with a decaying cosmological constant allow for chaotic cyclic cosmology. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 026-026.	1.9	15
13	Anisotropic matter in cosmology: locally rotationally symmetric Bianchi I and VII _o models. Classical and Quantum Gravity, 2016, 33, 105011.	1.5	1
14	Relative likelihood for life as a function of cosmic time. Journal of Cosmology and Astroparticle Physics, 2016, 2016, 040-040.	1.9	45
15	Volume weighting the measure of the universe from classical slow-roll expansion. Physical Review D, 2016, 93, .	1.6	4
16	w=â^'1 as an Attractor. , 2016, 1, .		2
17	Calling time on digital clocks. Studies in History and Philosophy of Science Part B - Studies in History and Philosophy of Modern Physics, 2015, 52, 62-68.	1.4	0
18	Minimal coupling and attractors. Classical and Quantum Gravity, 2014, 31, 245015.	1.5	10

#	Article	IF	Citations
19	Inflationary attractors and their measures. Classical and Quantum Gravity, 2014, 31, 062001.	1.5	35
20	Anisotropic spinfoam cosmology. Classical and Quantum Gravity, 2014, 31, 015017.	1.5	7
21	Loop quantum cosmology and the fine structure constant. Classical and Quantum Gravity, 2014, 31, 025014.	1.5	1
22	A homogeneous model of spinfoam cosmology. Classical and Quantum Gravity, 2013, 30, 235019.	1.5	14
23	Bouncing anisotropic universes with varying constants. Physical Review D, 2013, 88, .	1.6	11
24	Probability of inflation in loop quantum cosmology. General Relativity and Gravitation, 2011, 43, 3619-3655.	0.7	120
25	Hamiltonian formulation of the Belinskii-Khalatnikov-Lifshitz conjecture. Physical Review D, 2011, 83, .	1.6	46
26	Loop quantum cosmology and slow roll inflation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 694, 108-112.	1.5	108
27	Hamiltonian general relativity and the Belinskiiâ€“Khalatnikovâ€“Lifshitz conjecture. Classical and Quantum Gravity, 2009, 26, 052001.	1.5	25
28	First-order action and Euclidean quantum gravity. Classical and Quantum Gravity, 2009, 26, 145004.	1.5	6
29	Internal spin angular momentum of an asymptotically flat spacetime. Physical Review D, 2009, 80, .	1.6	3
30	Action and Hamiltonians in higher-dimensional general relativity: first-order framework. Classical and Quantum Gravity, 2008, 25, 225025.	1.5	9
31	Asymptotics and Hamiltonians in a first-order formalism. Classical and Quantum Gravity, 2008, 25, 095020.	1.5	55