

Vincent Vennin

List of Publications by Year in descending order

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26
papers

1,783
citations

516710

16
h-index

552781

26
g-index

26
all docs

26
docs citations

26
times ranked

1217
citing authors

#	ARTICLE	IF	CITATIONS
1	Encyclopedia Inflationaris. Physics of the Dark Universe, 2014, 5-6, 75-235.	4.9	738
2	Correlation functions in stochastic inflation. European Physical Journal C, 2015, 75, 1.	3.9	151
3	The best inflationary models after Planck. Journal of Cosmology and Astroparticle Physics, 2014, 2014, 039-039.	5.4	141
4	Observing Inflationary Reheating. Physical Review Letters, 2015, 114, 081303.	7.8	118
5	Cosmological inflation and the quantum measurement problem. Physical Review D, 2012, 86, .	4.7	104
6	Quantum discord of cosmic inflation: Can we show that CMB anisotropies are of quantum-mechanical origin?. Physical Review D, 2016, 93, .	4.7	88
7	Stochastic inflation in phase space: is slow roll a stochastic attractor?. Journal of Cosmology and Astroparticle Physics, 2017, 2017, 045-045.	5.4	60
8	Stochastic inflation beyond slow roll. Journal of Cosmology and Astroparticle Physics, 2019, 2019, 031-031.	5.4	53
9	Obstructions to Bell CMB experiments. Physical Review D, 2017, 96, .	4.7	49
10	Observational constraints on quantum decoherence during inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 063-063.	5.4	43
11	Bell inequalities for continuous-variable systems in generic squeezed states. Physical Review A, 2016, 93, .	2.5	28
12	Power spectrum in stochastic inflation. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 057.	5.4	28
13	Non Gaussianities from quantum decoherence during inflation. Journal of Cosmology and Astroparticle Physics, 2018, 2018, 037-037.	5.4	24
14	Canonical transformations and squeezing formalism in cosmology. Journal of Cosmology and Astroparticle Physics, 2020, 2020, 022-022.	5.4	23
15	Leggett-Garg inequalities for squeezed states. Physical Review A, 2016, 94, .	2.5	21
16	Cosmic Microwave Background Constraints Cast a Shadow On Continuous Spontaneous Localization Models. Physical Review Letters, 2020, 124, 080402.	7.8	20
17	Bipartite temporal Bell inequalities for two-mode squeezed states. Physical Review A, 2020, 102, .	2.5	14
18	Real-space entanglement in the Cosmic Microwave Background. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 036.	5.4	14

#	ARTICLE	IF	CITATIONS
19	Discord and decoherence. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 051.	5.4	12
20	Real-space entanglement of quantum fields. Physical Review D, 2021, 104, .	4.7	11
21	Four-mode squeezed states: two-field quantum systems and the symplectic group $\mathrm{Sp}(4, \mathbb{R})$. European Physical Journal C, 2022, 82, 1.	3.9	11
22	Unavoidable shear from quantum fluctuations in contracting cosmologies. European Physical Journal C, 2021, 81, 1.	3.9	8
23	Hamiltonian formalism for cosmological perturbations: the separate-universe approach. Journal of Cosmology and Astroparticle Physics, 2022, 2022, 001.	5.4	7
24	A response to criticisms on “CMB constraints cast a shadow on CSL model”. European Physical Journal C, 2021, 81, 1.	3.9	6
25	On the choice of the collapse operator in cosmological Continuous Spontaneous Localisation (CSL) theories. European Physical Journal C, 2021, 81, 1.	3.9	6
26	Collapse Models and Cosmology. Fundamental Theories of Physics, 2021, , 269-290.	0.3	5