Hugo GarcÃa-CompeÃ¡n

List of Publications by Year
in descending order

47 papers	636 citations	623734 14 h-index	580821 25 g-index
47 all docs	47 docs citations	47 times ranked	257 citing authors

#	Article	IF	Citations
1	Noncommutative Quantum Cosmology. Physical Review Letters, 2002, 88, 161301.	7.8	137
2	Noncommutative self-dual gravity. Physical Review D, 2003, 68, .	4.7	61
3	Brane box realization of chiral gauge theories in two dimensions. Nuclear Physics B, 1999, 539, 329-366.	2.5	40
4	Noncommutative topological theories of gravity. Physical Review D, 2003, 68, .	4.7	35
5	New heavenly double copies. Journal of High Energy Physics, 2021, 2021, 1.	4.7	31
6	Gravitational duality in MacDowell-Mansouri gauge theory. Physical Review D, 1998, 58, .	4.7	27
7	Deformation quantization of cosmological models. Physical Review D, 2011, 83, .	4.7	25
8	Towards a gravitational analogue toSduality in non-Abelian gauge theories. Physical Review D, 1998, 57, 7501-7506.	4.7	23
9	DEFORMATION QUANTIZATION OF CLASSICAL FIELDS. International Journal of Modern Physics A, 2001, 16, 2533-2558.	1.5	21
10	Twisted covariant noncommutative self-dual gravity. Physical Review D, 2008, 78, .	4.7	20
11	p-Adic open string amplitudes with Chan-Paton factors coupled to a constant B-field. Nuclear Physics B, 2020, 951, 114904.	2.5	19
12	FROM PRINCIPAL CHIRAL MODEL TO SELF-DUAL GRAVITY. Modern Physics Letters A, 1996, 11, 663-673.	1.2	18
13	Dual description of supergravity MacDowell-Mansouri theory. Physical Review D, 1999, 59, .	4.7	17
14	Regularization of p-adic string amplitudes, and multivariate local zeta functions. Letters in Mathematical Physics, 2019, 109, 1167-1204.	1.1	17
15	Deformation quantization of bosonic strings. Journal of Physics A, 2000, 33, 7935-7953.	1.6	14
16	On p-adic string amplitudes in the limit p approaches to one. Journal of High Energy Physics, 2018, 2018, 1.	4.7	13
17	A phase space description of the FLRW quantum cosmology in HoÅ™avaâ€"Lifshitz type gravity. General Relativity and Gravitation, 2019, 51, 1.	2.0	13
18	Remarks on 2+1 self-dual Chern-Simons gravity. Physical Review D, 2000, 61, .	4.7	12

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19	On the Weyl-Wigner-Moyal description of SU (âˆž) Nahm equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1997, 234, 5-12.	2.1	11
20	Weylâ€"Wignerâ€"Moyal formalism for Fermi classical systems. Annals of Physics, 2008, 323, 267-290.	2.8	11
21	Sduality in (2+1)-dimensional Chern-Simons supergravity. Physical Review D, 2001, 64, .	4.7	8
22	Lorentzian Vacuum Transitions in HoÅ™avaâ€"Lifshitz Gravity. Universe, 2022, 8, 237.	2.5	8
23	Thermodynamics of two aligned Kerr black holes. Physical Review D, 2020, 102, .	4.7	7
24	Topics in Supersymmetric and Noncommutative Quantum Cosmology. Universe, 2021, 7, 434.	2.5	7
25	Thermodynamics of two aligned Kerr-Newman black holes. Physical Review D, 2021, 103, .	4.7	5
26	Lorentzian vacuum transitions for anisotropic universes. Physical Review D, 2021, 104, .	4.7	5
27	Deformation quantization of geometric quantum mechanics. Journal of Physics A, 2002, 35, 4301-4319.	1.6	4
28	On the Moyal deformation of Nahm equations in seven dimensions. Journal of Mathematical Physics, 2009, 50, .	1.1	3
29	Local Zeta Functions and Kobaâ€"Nielsen String Amplitudes. Symmetry, 2021, 13, 967.	2.2	3
30	Deformation quantization of fermi fields. Annals of Physics, 2008, 323, 827-844.	2.8	2
31	Half-flat quantum hair. Physical Review D, 2014, 89, .	4.7	2
32	On the Moyal deformation of Kapustin-Witten systems. Journal of Mathematical Physics, 2018, 59, 102301.	1.1	2
33	Euclidean wormholes in HoÅ™ava-Lifshitz gravity. Physical Review D, 2020, 101, .	4.7	2
34	On the topological and crosscap entropies in non-oriented RCFTs. European Physical Journal Plus, 2021, 136, 1.	2.6	2
35	Star-triangle type relations from 2d $$ mathcal{N} $$ = (0, 2) USp(2N) dualities. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
36	Euclidean quantum field formulation of p-adic open string amplitudes. Nuclear Physics B, 2022, 975, 115684.	2.5	2

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37	Generalized uncertainty principle effects in the HoÅ™ava-Lifshitz quantum theory of gravity. Nuclear Physics B, 2022, 977, 115745.	2.5	2
38	Vector non-Abelian Chern-Simons duality. Physical Review D, 2002, 65, .	4.7	1
39	Noncommutative topological half-flat gravity. General Relativity and Gravitation, 2005, 37, 713-722.	2.0	1
40	A noncommutative deformation of topological field theory. General Relativity and Gravitation, 2005, 37, 723-731.	2.0	1
41	Berezin quantization of gauged WZW and coset models. General Relativity and Gravitation, 2006, 38, 663-676.	2.0	1
42	Self-dual gravity via Hitchinâ€™s equations. Journal of Mathematical Physics, 2019, 60, 052502.	1.1	1
43	Renormalization group flow for noncommutative Fermi liquids. Physical Review D, 2011, 83, .	4.7	0
44	Rarita-Schwinger Quantum Free Field via Deformation Quantization. Foundations of Physics, 2012, 42, 362-368.	1.3	0
45	New Reflections on Gravitational Duality. Frontiers in Physics, 2018, 6, .	2.1	0
46	Emergent Kalb-Ramond fields from a dimer model. Physical Review D, 2019, 100, .	4.7	0
47	Temperature and free energy of multi-black-hole systems. Physical Review D, 2022, 105, .	4.7	0