

Javier Mas

List of Publications by Year in descending order

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47
papers

1,471
citations

304743

22
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

619
citing authors

#	ARTICLE	IF	CITATIONS
1	Hermitian matrix definiteness from quantum phase estimation. Quantum Information Processing, 2022, 21, .	2.2	0
2	Holographic Floquet states in low dimensions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
3	Gravitational wave driving of a gapped holographic system. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
4	Floquet scalar dynamics in global AdS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
5	Delayed collapses of Bose-Einstein condensates in relation to anti-de Sitter gravity. Physical Review E, 2017, 95, 032216.	2.1	23
6	Adiabatic pumping solutions in global AdS. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
7	Stability of charged global AdS4 spacetimes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
8	Tubular design for underwater compressed air energy storage. Journal of Energy Storage, 2016, 8, 27-34.	8.1	16
9	Holographic quenches with a gap. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7
10	Phenomenology of Holographic Quenches. Nuclear and Particle Physics Proceedings, 2015, 267-269, 165-174.	0.5	0
11	Collapse and revival in holographic quenches. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
12	Oscillating shells in Anti-de Sitter space. International Journal of Modern Physics D, 2015, 24, 1542003.	2.1	6
13	Holographic relaxation of finite size isolated quantum systems. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
14	Thermodynamics of the brane in Chern-Simons matter theories with flavor. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
15	Holographic Duals of Quark Gluon Plasmas with Unquenched Flavors. Communications in Theoretical Physics, 2012, 57, 364-386.	2.5	24
16	Holographic quark-gluon plasmas at finite quark density. Fortschritte Der Physik, 2012, 60, 928-933.	4.4	2
17	Probes on D3-D7 quark-gluon plasmas. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
18	Sum rules, plasma frequencies and Hall phenomenology in holographic plasmas. Journal of High Energy Physics, 2011, 2011, 1.	4.7	4

#	ARTICLE	IF	CITATIONS
19	D3-D7 quark-gluon plasmas at finite baryon density. Journal of High Energy Physics, 2011, 2011, 1.	4.7	63
20	Holographic operator mixing and quasinormal modes on the brane. Journal of High Energy Physics, 2010, 2010, 1.	4.7	117
21	D3-D7 quark-gluon plasmas. Journal of High Energy Physics, 2009, 2009, 117-117.	4.7	84
22	Holographic spectral functions in metallic AdS/CFT. Journal of High Energy Physics, 2009, 2009, 032-032.	4.7	22
23	A note on conductivity and charge diffusion in holographic flavor systems. Journal of High Energy Physics, 2009, 2009, 025-025.	4.7	22
24	On the Einstein Relation in holographic systems at finite baryon density. Nuclear Physics, Section B, Proceedings Supplements, 2009, 192-193, 184-186.	0.4	1
25	Holographic spectral functions at finite baryon density. Journal of High Energy Physics, 2008, 2008, 009-009.	4.7	37
26	Hydrodynamics from the Dp-brane. Journal of High Energy Physics, 2007, 2007, 036-036.	4.7	56
27	The shear viscosity of the non-commutative plasma. Journal of High Energy Physics, 2007, 2007, 088-088.	4.7	54
28	Shear viscosity from R-charged AdS black holes. Journal of High Energy Physics, 2006, 2006, 016-016.	4.7	93
29	Jet quenching at finite 't Hooft coupling and chemical potential from AdS/CFT. Journal of High Energy Physics, 2006, 2006, 039-039.	4.7	86
30	Localized Intersections of Non-Extremal p-branes and S-branes. Journal of High Energy Physics, 2004, 2004, 015-015.	4.7	9
31	Supersymmetric intersections of M-branes and pp-waves. Journal of High Energy Physics, 2003, 2003, 021-021.	4.7	7
32	The beta function of N= 1 SYM in differential renormalization. Journal of High Energy Physics, 2002, 2002, 049-049.	4.7	31
33	Phases of dual superconductivity and confinement in softly broken N=2 supersymmetric Yang-Mills theories. Physical Review D, 2000, 62, .	4.7	25
34	=2 supersymmetric gauge theories with massive hypermultiplets and the Whitham hierarchy. Nuclear Physics B, 2000, 574, 587-619.	2.5	32
35	Strong coupling expansion and the Seiberg-Witten equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 69-75.	4.1	18
36	Whitham hierarchies, instanton corrections and soft supersymmetry breaking in N = 2 SU(N) super Yang-Mills theory. Nuclear Physics B, 1999, 541, 671-697.	2.5	50

#	ARTICLE	IF	CITATIONS
37	Instanton corrections in supersymmetric theories with classical gauge groups and fundamental matter hypermultiplets. Nuclear Physics B, 1999, 561, 273-292.	2.5	29
38	The algebra of q -pseudodifferential symbols and the q -WKP(n) algebra. Journal of Mathematical Physics, 1996, 37, 6510-6529.	1.1	30
39	Centrally extended $W_{1+\hat{z}}$ and the KP hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 344, 127-134.	4.1	0
40	The constrained KP hierarchy and the generalised Miura transformation. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 351, 194-199.	4.1	12
41	A one-parameter family of hamiltonian structures for the KP hierarchy and a continuous deformation of the nonlinear WKP algebra. Communications in Mathematical Physics, 1993, 158, 17-43.	2.2	36
42	The topography of $W_{\hat{z}}$ -type algebras. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 41-48.	4.1	8
43	DIFFEOMORPHISMS FROM HIGHER-DIMENSIONAL W-ALGEBRAS. Modern Physics Letters A, 1993, 08, 2189-2197.	1.2	1
44	On the two-boson picture of the KP hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 292, 337-340.	4.1	1
45	Bihamiltonian structure of the KP hierarchy and the WKP algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 266, 298-302.	4.1	23
46	Duality in orbifolds and Ginzburg-Landau models. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 537-538.	0.4	0
47	Heterotic strings in symmetric and asymmetric orbifold backgrounds. Nuclear Physics B, 1988, 301, 157-196.	2.5	275