Javier Mas

List of Publications by Year
in descending order

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	Heterotic strings in symmetric and asymmetric orbifold backgrounds. Nuclear Physics B, 1988, 301, 157-196.	2.5	275
2	Holographic operator mixing and quasinormal modes on the brane. Journal of High Energy Physics, 2010, 2010, 1.	4.7	117
3	Shear viscosity from R-charged AdS black holes. Journal of High Energy Physics, 2006, 2006, 016-016.	4.7	93
4	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
5	D3-D7 quark-gluon plasmas. Journal of High Energy Physics, 2009, 2009, 117-117.	4.7	84
6	D3-D7 quark-gluon plasmas at finite baryon density. Journal of High Energy Physics, 2011, 2011, 1.	4.7	63
7	Hydrodynamics from the Dp-brane. Journal of High Energy Physics, 2007, 2007, 036-036.	4.7	56
8	The shear viscosity of the non-commutative plasma. Journal of High Energy Physics, 2007, 2007, 088-088.	4.7	54
9	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
10	Holographic relaxation of finite size isolated quantum systems. Journal of High Energy Physics, 2014, 2014, 1.	4.7	47
11	Holographic spectral functions at finite baryon density. Journal of High Energy Physics, 2008, 2008, 009-009.	4.7	37
12	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
13	=2 supersymmetric gauge theories with massive hypermultiplets and the Whitham hierarchy. Nuclear Physics B, 2000, 574, 587-619.	2.5	32
14	Collapse and revival in holographic quenches. Journal of High Energy Physics, 2015, 2015, 1.	4.7	32
15	The beta function of $N= 1$ SYM in differential renormalization. Journal of High Energy Physics, 2002, 2002, 049-049.	4.7	31
16	The algebra of qâ€pseudodifferential symbols and the qâ€WKP(n) algebra. Journal of Mathematical Physics, 1996, 37, 6510-6529.	1.1	30
17	Instanton corrections in supersymmetric theories with classical gauge groups and fundamental matter hypermultiplets. Nuclear Physics B, 1999, 561, 273-292.	2.5	29
18	Phases of dual superconductivity and confinement in softly broken $N=2$ supersymmetric Yang-Mills theories. Physical Review D, 2000, 62, .	4.7	25

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19	Holographic Duals of Quark Gluon Plasmas with Unquenched Flavors. Communications in Theoretical Physics, 2012, 57, 364-386.	2.5	24
20	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
21	Delayed collapses of Bose-Einstein condensates in relation to anti-de Sitter gravity. Physical Review E, 2017, 95, 032216.	2.1	23
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	Thermodynamics of the brane in Chern-Simons matter theories with flavor. Journal of High Energy Physics, 2013, 2013, 1.	4.7	19
25	Strong coupling expansion and the Seiberg–Witten–Whitham equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 452, 69-75.	4.1	18
26	Floquet scalar dynamics in global AdS. Journal of High Energy Physics, 2018, 2018, 1.	4.7	18
27	Tubular design for underwater compressed air energy storage. Journal of Energy Storage, 2016, 8, 27-34.	8.1	16
28	Probes on D3-D7 quark-gluon plasmas. Journal of High Energy Physics, 2012, 2012, 1.	4.7	15
29	Stability of charged global AdS4 spacetimes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	14
30	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
31	Gravitational wave driving of a gapped holographic system. Journal of High Energy Physics, 2019, 2019, 1.	4.7	12
32	Localized Intersections of Non-Extremal p-branes and S-branes. Journal of High Energy Physics, 2004, 2004, 015-015.	4.7	9
33	Adiabatic pumping solutions in global AdS. Journal of High Energy Physics, 2017, 2017, 1.	4.7	9
34	The topography of Wâˆ̌ž-type algebras. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 299, 41-48.	4.1	8
35	Supersymmetric intersections of M-branes and pp-waves. Journal of High Energy Physics, 2003, 2003, 021-021.	4.7	7
36	Holographic quenches with a gap. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7

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37	Oscillating shells in Anti-de Sitter space. International Journal of Modern Physics D, 2015, 24, 1542003.	2.1	6
38	Sum rules, plasma frequencies and Hall phenomenology in holographic plasmas. Journal of High Energy Physics, 2011, 2011, 1.	4.7	4
39	Holographic quark–gluon plasmas at finite quark density. Fortschritte Der Physik, 2012, 60, 928-933.	4.4	2
40	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
41	DIFFEOMORPHISMS FROM HIGHER-DIMENSIONAL W-ALGEBRAS. Modern Physics Letters A, 1993, 08, 2189-2197.	1.2	1
42	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
43	Holographic Floquet states in low dimensions. Journal of High Energy Physics, 2020, 2020, 1.	4.7	1
44	Duality in orbifolds and Ginzburg-Landau models. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 537-538.	0.4	0
45	Centrally extended W1+∞ and the KP hierarchy. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 344, 127-134.	4.1	0
46	Phenomenology of Holographic Quenches. Nuclear and Particle Physics Proceedings, 2015, 267-269, 165-174.	0.5	0
47	Hermitian matrix definiteness from quantum phase estimation. Quantum Information Processing, 2022, 21, .	2.2	0