

Alfonso Ballon Bayona

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

410
citations

687363

13
h-index

752698

20
g-index

27
all docs

27
docs citations

27
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep inelastic scattering from gauge string duality in the soft wall model. Journal of High Energy Physics, 2008, 2008, 064-064.	4.7	57
2	Effective holographic models for QCD: Glueball spectrum and trace anomaly. Physical Review D, 2018, 97, .	4.7	31
3	Deep inelastic scattering from gauge string duality in D3-D7 brane model. Journal of High Energy Physics, 2008, 2008, 114-114.	4.7	29
4	Holographic deconfinement transition in the presence of a magnetic field. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
5	Strong couplings and form factors of charmed mesons in holographic QCD. Physical Review D, 2017, 96, .	4.7	25
6	A universal order parameter for Inverse Magnetic Catalysis. Journal of High Energy Physics, 2017, 2017, 1.	4.7	25
7	A chiral magnetic spiral in the holographic Sakai-Sugimoto model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	21
8	Decay constants of the pion and its excitations in holographic QCD. Physical Review D, 2015, 91, .	4.7	21
9	Soft Pomeron in holographic QCD. Physical Review D, 2016, 93, .	4.7	21
10	Criticality from Einstein-Maxwell-dilaton holography at finite temperature and density. Physical Review D, 2020, 102, .	4.7	20
11	Nonlinear realization of chiral symmetry breaking in holographic soft wall models. Physical Review D, 2020, 102, .	4.7	20
12	Deep inelastic scattering for vector mesons in holographic D4-D8 model. Journal of High Energy Physics, 2010, 2010, 1.	4.7	19
13	Unity of pomerons from gauge/string duality. Journal of High Energy Physics, 2017, 2017, 1.	4.7	15
14	Magnetic catalysis and the chiral condensate in holographic QCD. Journal of High Energy Physics, 2020, 2020, 1.	4.7	13
15	Deep inelastic scattering off a plasma with flavor from the D3-D7 brane model. Physical Review D, 2010, 81, .	4.7	12
16	Generalized baryon form factors and proton structure functions in the Sakai-Sugimoto model. Nuclear Physics B, 2013, 866, 124-156.	2.5	9
17	Glueballs at finite temperature from AdS/QCD. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 107-112.	0.4	8
18	Effective holographic models for QCD: Thermodynamics and viscosity coefficients. Physical Review D, 2021, 104, .	4.7	8

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19	Spontaneous chiral symmetry breaking in holographic soft wall models. Physical Review D, 2021, 104, .	4.7	8
20	Deep Inelastic Scattering in Holographic AdS/QCD Models. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 97-102.	0.4	6
21	Production of negative parity baryons in the holographic Sakai-Sugimoto model. Physical Review D, 2012, 86, .	4.7	6
22	Holographic model for dilepton production in $p\bar{p}$ collisions. Nuclear Physics B, 2011, 851, 66-85.	2.5	5
23	Magnetising the $U(N) = 4$ Super Yang-Mills plasma. Journal of High Energy Physics, 2022, .	4.7	3
24	DBI equations and holographic dc conductivity. Physical Review D, 2013, 87, .	4.7	2
25	Scattering vector mesons in D4/D8 model. Nuclear Physics, Section B, Proceedings Supplements, 2010, 199, 119-124.	0.4	1
26	D-dimensional Randall-Sundrum models from Brans-Dicke theory and Kaluza-Klein modes. New Journal of Physics, 2010, 12, 053038.	2.9	0
27	Drell-Yan Process in $p\bar{p}$ Collisions from a Holographic Model. Few-Body Systems, 2012, 52, 243-248.	1.5	0