

Alfonso V Ramallo

List of Publications by Year in descending order

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124
papers

3,167
citations

156536

32
h-index

214428

50
g-index

125
all docs

125
docs citations

125
times ranked

2042
citing authors

#	ARTICLE	IF	CITATIONS
1	NICER view on holographic QCD. EPJ Web of Conferences, 2022, 258, 07004.	0.1	2
2	Holographic approach to transport in dense QCD matter. Physical Review D, 2022, 105, .	1.6	10
3	Flavored ABJM theory on the sphere and holographic F-functions. Journal of High Energy Physics, 2022, 2022, 1.	1.6	1
4	Holographic approach to compact stars and their binary mergers. Progress in Particle and Nuclear Physics, 2022, 126, 103972.	5.6	14
5	Novel semi-circle law and Hall sliding in a strongly interacting electron liquid. Journal of High Energy Physics, 2022, 2022, .	1.6	3
6	Is entanglement a probe of confinement?. Journal of High Energy Physics, 2021, 2021, 1.	1.6	25
7	Gravitational waves from a holographic phase transition. Journal of High Energy Physics, 2021, 2021, 1.	1.6	16
8	Unified weak and strong coupling framework for nuclear matter and neutron stars. Physical Review D, 2021, 103, .	1.6	31
9	Quantum information probes of charge fractionalization in large-N gauge theories. Journal of High Energy Physics, 2021, 2021, 1.	1.6	6
10	Towards precision holography. Physical Review D, 2021, 103, .	1.6	14
11	Risking your NEC. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
12	Holographic Floquet states in low dimensions. Journal of High Energy Physics, 2020, 2020, 1.	1.6	1
13	Transport in Strongly Coupled Quark Matter. Physical Review Letters, 2020, 125, 241601.	2.9	18
14	Brane nucleation instabilities in non-AdS/non-CFT. Journal of High Energy Physics, 2020, 2020, 1.	1.6	9
15	Holographic spontaneous anisotropy. Journal of High Energy Physics, 2020, 2020, 1.	1.6	18
16	Notes on entanglement wedge cross sections. Journal of High Energy Physics, 2019, 2019, 1.	1.6	36
17	Novel color superconducting phases of $\mathcal{N} = 4$ super Yang-Mills at strong coupling. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
18	Low-energy modes in anisotropic holographic fluids. Nuclear Physics B, 2019, 940, 264-291.	0.9	12

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19	Information flows in strongly coupled ABJM theory. Journal of High Energy Physics, 2019, 2019, 1.	1.6	10
20	Gravity dual of a multilayer system. Journal of High Energy Physics, 2019, 2019, 1.	1.6	14
21	Holographic QCD in the Veneziano limit and neutron stars. Journal of High Energy Physics, 2019, 2019, 1.	1.6	49
22	Holographic fundamental matter in multilayered media. Journal of High Energy Physics, 2019, 2019, 1.	1.6	6
23	Supersymmetric probes in warped AdS ₆ . Journal of High Energy Physics, 2019, 2019, 1.	1.6	5
24	Anisotropic D3-D5 black holes with unquenched flavors. Journal of High Energy Physics, 2018, 2018, 1.	1.6	13
25	Holographic compact stars meet gravitational wave constraints. Journal of High Energy Physics, 2018, 2018, 1.	1.6	43
26	D3-D5 theories with unquenched flavors. Nuclear Physics B, 2017, 914, 599-622.	0.9	17
27	Pinning of holographic sliding stripes. Physical Review D, 2017, 96, .	1.6	20
28	Holographic sliding stripes. Physical Review D, 2017, 95, .	1.6	17
29	Striped anyonic fluids. Physical Review D, 2017, 96, .	1.6	5
30	Stiff phases in strongly coupled gauge theories with holographic duals. Journal of High Energy Physics, 2017, 2017, 1.	1.6	38
31	Quantum phase transitions with dynamical flavors. Physical Review D, 2016, 94, .	1.6	3
32	Collective excitations of massive flavor branes. Nuclear Physics B, 2016, 909, 677-724.	0.9	23
33	Holographic Quark Matter and Neutron Stars. Physical Review Letters, 2016, 117, 032501.	2.9	57
34	Breaking the sound barrier in holography. Physical Review D, 2016, 94, .	1.6	43
35	Holographic anyonization: a systematic approach. Journal of High Energy Physics, 2016, 2016, 1.	1.6	7
36	Universal properties of cold holographic matter. Physical Review D, 2015, 92, .	1.6	17

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37	Flux and Hall states in ABJM with dynamical flavors. Journal of High Energy Physics, 2015, 2015, 1.	1.6	20
38	Cold holographic matter in the Higgs branch. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2015, 747, 229-237.	1.5	10
39	Introduction to the AdS/CFT Correspondence. Springer Proceedings in Physics, 2015, , 411-474.	0.1	46
40	Flowing holographic anyonic superfluid. Journal of High Energy Physics, 2014, 2014, 1.	1.6	5
41	Gravity dual of spin and charge density waves. Journal of High Energy Physics, 2014, 2014, 1.	1.6	28
42	Magnetic catalysis in flavored ABJM. Journal of High Energy Physics, 2014, 2014, 1.	1.6	6
43	Holographic zero sound at finite temperature in the Sakai-Sugimoto model. Journal of High Energy Physics, 2014, 2014, 1.	1.6	13
44	Thermodynamics of the brane in Chern-Simons matter theories with flavor. Journal of High Energy Physics, 2013, 2013, 1.	1.6	19
45	Fluctuations and instabilities of a holographic metal. Journal of High Energy Physics, 2013, 2013, 1.	1.6	31
46	Holographic anyonic superfluidity. Journal of High Energy Physics, 2013, 2013, 1.	1.6	27
47	Unquenched massive flavors and flows in Chern-Simons matter theories. Journal of High Energy Physics, 2013, 2013, 1.	1.6	29
48	Magnetic effects in a holographic Fermi-like liquid. Journal of High Energy Physics, 2012, 2012, 1.	1.6	43
49	Fermionic impurities in Chern-Simons-matter theories. Journal of High Energy Physics, 2012, 2012, 1.	1.6	16
50	A tale of two cascades: Higgsing and Seiberg-duality cascades from type IIB string theory. Journal of High Energy Physics, 2012, 2012, 1.	1.6	21
51	Holographic Kondo model in various dimensions. Journal of High Energy Physics, 2012, 2012, 1.	1.6	19
52	Towards the string dual of tumbling and cascading gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 709, 385-389.	1.5	12
53	Fluctuations of a holographic quantum Hall fluid. Journal of High Energy Physics, 2012, 2012, 1.	1.6	20
54	Magneto-roton excitation in a holographic quantum Hall fluid. Journal of High Energy Physics, 2011, 2011, 1.	1.6	29

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55	A holographic quantum Hall model at integer filling. Journal of High Energy Physics, 2011, 2011, 1.	1.6	42
56	On the gravity dual of Chern-Simons-matter theories with unquenched flavor. Journal of High Energy Physics, 2011, 2011, 1.	1.6	34
57	On the holographic dual of $\mathcal{N} = 1$ SQCD with massive flavors. Journal of High Energy Physics, 2011, 2011, 1.	1.6	19
58	Striped instability of a holographic Fermi-like liquid. Journal of High Energy Physics, 2011, 2011, 1.	1.6	80
59	Holographic duals of SQCD models in low dimensions. Journal of High Energy Physics, 2010, 2010, 1.	1.6	11
60	Quantum Hall effect in a holographic model. Journal of High Energy Physics, 2010, 2010, 1.	1.6	86
61	Gauge/String Duality. Advances in High Energy Physics, 2010, 2010, 1-4.	0.5	1
62	Unquenched Flavor in the Gauge/Gravity Correspondence. Advances in High Energy Physics, 2010, 2010, 1-93.	0.5	111
63	Screening effects on meson masses from holography. Journal of High Energy Physics, 2009, 2009, 034-034.	1.6	22
64	Holographic flavor in $d = 4$ gauge theories in 3d from wrapped branes. Journal of High Energy Physics, 2009, 2009, 001-001.	1.6	24
65	The Klebanov-Strassler model with massive dynamical flavors. Journal of High Energy Physics, 2009, 2009, 153-153.	1.6	38
66	D3-D7 quark-gluon plasmas. Journal of High Energy Physics, 2009, 2009, 117-117.	1.6	84
67	Gravity duals of 2d supersymmetric gauge theories. Journal of High Energy Physics, 2009, 2009, 006-006.	1.6	7
68	Non chiral dynamical flavors and screening on the conifold. Fortschritte Der Physik, 2009, 57, 514-520.	1.5	19
69	The supergravity dual of 3D supersymmetric gauge theories with unquenched flavors. Journal of High Energy Physics, 2008, 2008, 011-011.	1.6	28
70	String duals of two-dimensional $(4, 4)$ supersymmetric gauge theories. Journal of High Energy Physics, 2008, 2008, 054-054.	1.6	23
71	Backreacting flavors in the Klebanov-Strassler background. Journal of High Energy Physics, 2007, 2007, 109-109.	1.6	99
72	Unquenched flavors in the Klebanov-Witten model. Journal of High Energy Physics, 2007, 2007, 090-090.	1.6	97

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73	Holographic flavor on the Higgs branch. <i>Journal of High Energy Physics</i> , 2007, 2007, 044-044.	1.6	23
74	Mesons and Higgs branch in defect theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2006, 641, 393-400.	1.5	18
75	D-brane probes on La, b, c superconformal field theories. <i>Journal of High Energy Physics</i> , 2006, 2006, 038-038.	1.6	14
76	Supersymmetric branes on $AdS_5 \times Y_{p, q}$ and their field theory duals. <i>Journal of High Energy Physics</i> , 2006, 2006, 101-101.	1.6	38
77	Open string modes at brane intersections. <i>Journal of High Energy Physics</i> , 2006, 2006, 037-037.	1.6	59
78	ADDING OPEN STRING MODES TO THE GAUGE/GRAVITY CORRESPONDENCE. <i>Modern Physics Letters A</i> , 2006, 21, 1481-1494.	0.5	16
79	Supersymmetric defects in the Maldacena- N^2 background. <i>Journal of High Energy Physics</i> , 2005, 2005, 032-032.	1.6	5
80	Adding flavor to the gravity dual of non-commutative gauge theories. <i>Journal of High Energy Physics</i> , 2005, 2005, 017-017.	1.6	32
81	Supersymmetric probes on the conifold. <i>Journal of High Energy Physics</i> , 2004, 2004, 035-035.	1.6	72
82	Singularity resolution in gauged supergravity and conifold unification. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2003, 554, 197-206.	1.5	9
83	Flavoring the gravity dual of $Script N = 1$ Yang-Mills with probes. <i>Journal of High Energy Physics</i> , 2003, 2003, 024-024.	1.6	95
84	Supersymmetric intersections of M-branes and pp-waves. <i>Journal of High Energy Physics</i> , 2003, 2003, 021-021.	1.6	7
85	Let's Twist Again: General Metrics of $G(2)$ Holonomy from Gauged Supergravity. <i>Journal of High Energy Physics</i> , 2003, 2003, 011-011.	1.6	19
86	Wrapped branes with fluxes in 8d gauged supergravity. <i>Journal of High Energy Physics</i> , 2002, 2002, 075-075.	1.6	9
87	M-theory giant gravitons with C field. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 525, 337-346.	1.5	11
88	Flux stabilization of D-branes in a non-threshold bound state background. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2002, 533, 313-321.	1.5	1
89	Stable wrapped branes. <i>Journal of High Energy Physics</i> , 2001, 2001, 011-011.	1.6	61
90	Supersymmetric baryonic branes. <i>Journal of High Energy Physics</i> , 1999, 1999, 019-019.	1.6	35

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91	Topological supergravity structure of non-critical superstring theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 366, 141-148.	1.5	0
92	On the free field realization of the $osp(1\hat{\epsilon}^2>2)$ current algebra. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 389, 485-493.	1.5	10
93	Topological matter, mirror symmetry and non-critical (super)strings. Nuclear Physics B, 1995, 456, 405-441.	0.9	2
94	Superconformal current algebras and topological field theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 340, 48-56.	1.5	1
95	$gl(N, N)$ current algebras and topological field theories. Nuclear Physics B, 1994, 414, 715-762.	0.9	12
96	Topological current algebras in two dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1993, 316, 488-495.	1.5	7
97	Polynomials for torus links from Chern-Simons gauge theories. Nuclear Physics B, 1993, 398, 187-236.	0.9	26
98	Coset constructions in Chern-Simons gauge theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1992, 282, 63-72.	1.5	13
99	Knot operators in Chern-Simons gauge theory. Nuclear Physics B, 1991, 348, 651-692.	0.9	62
100	Remarks on topological Chern-Simons theory. Nuclear Physics, Section B, Proceedings Supplements, 1991, 18, 1-9.	0.5	1
101	J/ψ suppression in nuclear collisions revisited. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 243, 144-148.	1.5	17
102	Chern-Simons and conformal field theories. Nuclear Physics, Section B, Proceedings Supplements, 1990, 16, 594-596.	0.5	5
103	A note on perturbative Chern-Simons theory. Nuclear Physics B, 1990, 334, 103-124.	0.9	128
104	Gauge invariant formulation of non-Abelian chiral gauge theories in two dimensions. Zeitschrift für Physik C-Particles and Fields, 1989, 42, 125-132.	1.5	3
105	Chern-Simons theory and conformal blocks. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 228, 214-222.	1.5	49
106	Chiral bosons coupled to abelian gauge fields. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 222, 231-236.	1.5	6
107	Operator formalism for Chern-Simons theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 227, 92-102.	1.5	105
108	Nuclear effects in J/ψ suppression. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 206, 354-360.	1.5	93

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109	Chiral Schwinger model with massive fermions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 211, 440-444.	1.5	2
110	Are the e^+e^- multiplicity distributions Poissonian?. Physical Review D, 1988, 37, 1763-1768.	1.6	7
111	Multiplicity distributions in nuclear collisions. Physical Review D, 1987, 35, 2921-2924.	1.6	14
112	High mass diffraction dissociation in the dual parton model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1986, 169, 285-288.	1.5	25
113	Event selection criteria in nucleus-nucleus collisions. Zeitschrift für Physik C-Particles and Fields, 1986, 31, 283-286.	1.5	4
114	Effects of the multiple-scattering structure in the propagation of hadronic properties in nucleus-nucleus collisions. Physical Review D, 1985, 31, 2800-2812.	1.6	34
115	Dependence of the Average Transverse Momentum on the Multiplicities in Nucleus-Nucleus Collisions. Physical Review Letters, 1984, 52, 407-409.	2.9	6
116	New features of unusual shadowing in hadron-nucleus collisions. Il Nuovo Cimento A, 1984, 83, 1-16.	0.2	3
117	High energy nucleus-nucleus collisions in the dual parton model. Nuclear Physics B, 1984, 241, 75-98.	0.9	69
118	A-dependence of diffractive processes. Lettere Al Nuovo Cimento Rivista Internazionale Della Società Italiana Di Fisica, 1983, 36, 354-358.	0.4	2
119	Central, semicentral and peripheral nucleus-nucleus cross sections in a multiple collision model. Zeitschrift für Physik C-Particles and Fields, 1983, 20, 313-315.	1.5	0
120	Multiplicity and average PT of central nucleus-nucleus collisions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1983, 120, 441-443.	1.5	5
121	annihilation and theoretical models of particle-nuclei interactions. Nuclear Physics B, 1982, 207, 413-429.	0.9	4
122	Parton model description of annihilations on nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 107, 373-376.	1.5	11
123	Intermediate annihilation states in antiproton-nucleus scattering. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 107, 238-240.	1.5	12
124	Unusual shadowing effects in particle production off nuclei. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1981, 107, 106-110.	1.5	61