

Massimo Bianchi

List of Publications by Year in descending order

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114
papers

5,489
citations

101496

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85498

71
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115
all docs

115
docs citations

115
times ranked

4114
citing authors

#	ARTICLE	IF	CITATIONS
1	Holographic renormalization. Nuclear Physics B, 2002, 631, 159-194.	0.9	509
2	On the systematics of open-string theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1990, 247, 517-524.	1.5	441
3	Twist symmetry and open-string Wilson lines. Nuclear Physics B, 1991, 361, 519-538.	0.9	306
4	Toroidal compactification and symmetry breaking in open-string theories. Nuclear Physics B, 1992, 376, 365-386.	0.9	303
5	How to go with an RG flow. Journal of High Energy Physics, 2001, 2001, 041-041.	1.6	284
6	Chiral asymmetry in four-dimensional open-string vacua. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 385, 96-102.	1.5	189
7	Generating tree amplitudes in $\mathcal{N} = 4$ SYM and $\mathcal{N} = 8$ SG. Journal of High Energy Physics, 2008, 2008, 063-063.	1.6	138
8	Anomalies, anomalous $U(1)$'s and generalized Chern-Simons terms. Journal of High Energy Physics, 2006, 2006, 057-057.	1.6	135
9	On stringy $AdS_5 \times S^5$ and higher spin holography. Journal of High Energy Physics, 2003, 2003, 062-062.	1.6	133
10	Instantons in supersymmetric Yang-Mills and D-instantons in IIB superstring theory. Journal of High Energy Physics, 1998, 1998, 013-013.	1.6	127
11	Anomalous dimensions in SYM theory at order. Nuclear Physics B, 2000, 584, 216-232.	0.9	120
12	Comments on Gepner models and type I vacua in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 387, 743-749.	1.5	114
13	Higher Spin Symmetry and $\mathcal{N}=4$ SYM. Journal of High Energy Physics, 2004, 2004, 058-058.	1.6	90
14	On the logarithmic behaviour in Script $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 1999, 1999, 020-020.	1.6	87
15	D-brane instantons on the T^6/Z_3 -orientifold. Journal of High Energy Physics, 2007, 2007, 038-038.	1.6	87
16	Properties of the Konishi multiplet in Script $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 2001, 2001, 042-042.	1.6	86
17	A note on toroidal compactifications of the type I superstring and other superstring vacuum configurations with 16 supercharges. Nuclear Physics B, 1998, 528, 73-94.	0.9	80
18	On the spectrum of AdS/CFT beyond supergravity. Journal of High Energy Physics, 2004, 2004, 001-001.	1.6	71

#	ARTICLE	IF	CITATIONS
19	On operator mixing in SYM. Nuclear Physics B, 2002, 646, 69-101.	0.9	66
20	Magnetized E3-brane instantons in F-theory. Journal of High Energy Physics, 2011, 2011, 1.	1.6	64
21	Non-perturbative and flux superpotentials for type I strings on the orbifold. Nuclear Physics B, 2007, 782, 26-50.	0.9	62
22	Anomalies and tadpoles. Journal of High Energy Physics, 2000, 2000, 030-030.	1.6	61
23	More on soft theorems: Trees, loops, and strings. Physical Review D, 2015, 92, .	1.6	55
24	Open strings and the relative modular group. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1989, 231, 389-396.	1.5	52
25	Distinguishing Fuzzballs from Black Holes through Their Multipolar Structure. Physical Review Letters, 2020, 125, 221601.	2.9	51
26	The partition function of the SO(8192) bosonic string. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1988, 211, 407-416.	1.5	48
27	New results on holographic three-point functions. Journal of High Energy Physics, 2003, 2003, 052-052.	1.6	48
28	Non-renormalisation of extremal correlators in SYM theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1999, 468, 102-110.	1.5	46
29	Instanton corrections to circular Wilson loops in Script N = 4 Supersymmetric Yang-Mills. Journal of High Energy Physics, 2002, 2002, 040-040.	1.6	46
30	Anatomy of two holographic renormalization group flows. Journal of High Energy Physics, 2001, 2001, 021-021.	1.6	45
31	Explicit construction of Yang-Mills instantons on ALE spaces. Nuclear Physics B, 1996, 473, 367-404.	0.9	44
32	More on "La Grande Bouffe": towards higher spin symmetry breaking in AdS. Journal of High Energy Physics, 2005, 2005, 088-088.	1.6	43
33	N=4 superconformal characters and partition functions. Nuclear Physics B, 2007, 767, 163-226.	0.9	42
34	Exploring soft constraints on effective actions. Journal of High Energy Physics, 2016, 2016, 1.	1.6	38
35	NOTES ON UNORIENTED D-BRANE INSTANTONS. International Journal of Modern Physics A, 2009, 24, 5737-5763.	0.5	37
36	On the soft limit of open string disk amplitudes with massive states. Journal of High Energy Physics, 2015, 2015, 1.	1.6	37

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37	The open story of the magnetic fluxes. Journal of High Energy Physics, 2005, 2005, 034-034.	1.6	36
38	Planar duality in the discrete series. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1991, 273, 389-398.	1.5	35
39	Open strings on the Neveu-Schwarz 5-brane. Nuclear Physics B, 1998, 523, 193-210.	0.9	34
40	On the soft limit of closed string amplitudes with massive states. Nuclear Physics B, 2016, 905, 188-216.	0.9	33
41	Black-hole microstate spectroscopy: Ringdown, quasinormal modes, and echoes. Physical Review D, 2021, 104, .	1.6	32
42	Instantons and Supersymmetry. , 2008, , 303-470.		32
43	String predictions for near future colliders from one-loop scattering amplitudes around D-brane worlds. Journal of High Energy Physics, 2006, 2006, 010-010.	1.6	30
44	Neutron Majorana mass from exotic instantons. Journal of High Energy Physics, 2014, 2014, 1.	1.6	30
45	The multipolar structure of fuzzballs. Journal of High Energy Physics, 2021, 2021, 1.	1.6	30
46	QNMs of branes, BHs and fuzzballs from quantum SW geometries. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2022, 824, 136837.	1.5	29
47	More on the SW-QNM correspondence. Journal of High Energy Physics, 2022, 2022, 1.	1.6	29
48	ALE instantons in string effective theory. Nuclear Physics B, 1995, 440, 129-170.	0.9	26
49	Gauge thresholds in the presence of oblique magnetic fluxes. Journal of High Energy Physics, 2006, 2006, 092-092.	1.6	26
50	Perturbative and non-perturbative N supergravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 690, 328-331.	1.5	26
51	Glimpses of black hole formation/evaporation in highly inelastic, ultra-planckian string collisions. Journal of High Energy Physics, 2017, 2017, 1.	1.6	26
52	Dynamical supersymmetry breaking from unoriented D-brane instantons. Journal of High Energy Physics, 2009, 2009, 040-040.	1.6	25
53	Probing fuzzballs with particles, waves and strings. Journal of High Energy Physics, 2018, 2018, 1.	1.6	25
54	Discrete torsion in non-geometric orbifolds and their open-string descendants. Nuclear Physics B, 2000, 573, 314-334.	0.9	24

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55	Brane instantons and fluxes in F-theory. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	24
56	Unoriented quivers with flavour. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	24
57	Soft gravitational radiation from ultra-relativistic collisions at sub- and sub-sub-leading order. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	24
58	Chaos at the rim of black hole and fuzzball shadows. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	1.6	24
59	Unoriented D-brane instantons vs heterotic worldsheet instantons. <i>Journal of High Energy Physics</i> , 2008, 2008, 073-073.	1.6	23
60	The dark side of fuzzball geometries. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	23
61	Surprises from the resolution of operator mixing in SYM. <i>Nuclear Physics B</i> , 2004, 685, 65-88.	0.9	22
62	Current algebra of the pure spinor superstring in AdS ₅ –S ⁵ . <i>Journal of High Energy Physics</i> , 2006, 2006, 030-030.	1.6	22
63	Neutron Majorana mass from exotic instantons in a Pati-Salam model. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	22
64	D-strings in unconventional type I vacuum configurations. <i>Nuclear Physics B</i> , 1999, 547, 96-126.	0.9	21
65	Exotic see-saw mechanism for neutrinos and leptogenesis in a Pati-Salam model. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	21
66	Higher spins and stringy AdS ₅ –S ⁵ . <i>Fortschritte Der Physik</i> , 2005, 53, 665-691.	1.5	20
67	On stable higher spin states in heterotic string theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	20
68	Un-oriented quiver theories for Majorana neutrons. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	1.6	20
69	More on microstate geometries of 4d black holes. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	1.6	19
70	DDF operators, open string coherent states and their scattering amplitudes. <i>Nuclear Physics B</i> , 2020, 952, 114943.	0.9	19
71	Enriques and octonionic magic supergravity models. <i>Journal of High Energy Physics</i> , 2008, 2008, 054-054.	1.6	18
72	Observations on arithmetic invariants and U-duality orbits in $\mathcal{N} = 8$ supergravity. <i>Journal of High Energy Physics</i> , 2010, 2010, 1.	1.6	18

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73	RG-flows and open/closed string duality. <i>Journal of High Energy Physics</i> , 2000, 2000, 035-035.	1.6	17
74	Comments on orientifolds without vector structure. <i>Journal of High Energy Physics</i> , 2008, 2008, 016-016.	1.6	16
75	Unoriented D-brane instantons. <i>Fortschritte Der Physik</i> , 2012, 60, 822-834.	1.5	16
76	Scattering higher spins off D-branes. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	16
77	Stringy origin of 4d black hole microstates. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	16
78	Freezing E3-brane instantons with fluxes. <i>Fortschritte Der Physik</i> , 2012, 60, 914-920.	1.5	15
79	Higher spin symmetry (breaking) in SYM and holography. <i>Comptes Rendus Physique</i> , 2004, 5, 1091-1099.	0.3	14
80	(Non-)perturbative tests of the AdS/CFT correspondence. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2001, 102-103, 56-64.	0.5	13
81	Light stringy states. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	1.6	13
82	Mass-deformed brane tilings. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	13
83	Holographic three-point functions: one step beyond the tradition. <i>Nuclear Physics B</i> , 2004, 686, 261-284.	0.9	12
84	Bound-states of D-branes in \mathbb{R} asymmetric superstring vacua. <i>Nuclear Physics B</i> , 2008, 805, 168-181.	0.9	12
85	(Unoriented) T-folds with few T's. <i>Journal of High Energy Physics</i> , 2009, 2009, 032-032.	1.6	12
86	Simplifying one-loop amplitudes in superstring theory. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	1.6	12
87	Emergent/composite axions. <i>Journal of High Energy Physics</i> , 2019, 2019, 1.	1.6	12
88	String memories... openly retold. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 813, 136037.	1.5	12
89	On gauge couplings and thresholds in Type I Gepner models and otherwise. <i>Journal of High Energy Physics</i> , 2007, 2007, 059-059.	1.6	11
90	String memories ... lost and regained. <i>Nuclear Physics B</i> , 2021, 965, 115356.	0.9	11

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91	On the ADHM construction on ALE gravitational backgrounds. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1995, 359, 49-55.	1.5	10
92	On exact symmetries and massless vectors in holographic flows and other flux vacua. Journal of High Energy Physics, 2010, 2010, 1.	1.6	10
93	Precision spectroscopy and higher spin symmetry in the ABJM model. Journal of High Energy Physics, 2010, 2010, 1.	1.6	10
94	$\mathcal{N}=2$ moduli of AdS4 vacua: a fine-print study. Journal of High Energy Physics, 2018, 2018, 1.	1.6	10
95	Accelerating strangelets via Penrose process in non-BPS fuzz-balls. Nuclear Physics B, 2020, 954, 115010.	0.9	10
96	Light rings of five-dimensional geometries. Journal of High Energy Physics, 2021, 2021, 1.	1.6	9
97	Turning black holes and D-branes inside out of their photon spheres. Physical Review D, 2022, 105, .	1.6	9
98	On the N-pion extension of the Lovelace-Shapiro model. Journal of High Energy Physics, 2021, 2021, 1.	1.6	8
99	Mass deformations of unoriented quiver theories. Journal of High Energy Physics, 2020, 2020, 1.	1.6	8
100	Suspended fixed points. Nuclear Physics B, 2022, 976, 115695.	0.9	8
101	Pair production of small black holes in heterotic string theories. Journal of High Energy Physics, 2010, 2010, 1.	1.6	6
102	Instanton corrections to the effective action of $\mathcal{N}=4$ SYM. Journal of High Energy Physics, 2015, 2015, 1.	1.6	6
103	Spinning-off stringy electro-magnetic memories. Nuclear Physics B, 2022, 974, 115625.	0.9	6
104	Heterotic T-folds with a small number of neutral moduli. Journal of High Energy Physics, 2012, 2012, 1.	1.6	5
105	Simplifying instanton corrections to $\mathcal{N}=4$ SYM correlators. Journal of High Energy Physics, 2014, 2014, 1.	1.6	5
106	Partonic behavior of string scattering amplitudes from holographic QCD models. Journal of High Energy Physics, 2022, 2022, .	1.6	5
107	Massive higher spins and holography. Journal of Physics: Conference Series, 2006, 33, 49-56.	0.3	4
108	Yukawa's of light stringy states. Fortschritte Der Physik, 2017, 65, 1600110.	1.5	4

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109	String (Gravi)photons, "Dark Brane Photons", Holography and the Hypercharge Portal. Fortschritte Der Physik, 2021, 69, 2100034.	1.5	4
110	From twists and shifts to "asymmetric D-branes". Fortschritte Der Physik, 2009, 57, 356-366.	1.5	3
111	On $\mathcal{N}=4$ Supergravity and MHV Amplitudes in $\mathcal{N}=5,6$ Supergravity Vacua of Type II Superstrings. Advances in High Energy Physics, 2011, 2011, 1-18.	0.5	3
112	Observations on Late Effects in Mice Exposed to 400 MeV Neutrons. International Journal of Radiation Biology and Related Studies in Physics, Chemistry, and Medicine, 1976, 29, 439-453.	1.0	2
113	Resolution "à la Kronheimer" of \mathbb{C}^3/Γ singularities and the Monge-Ampère equation for Ricci-flat Kähler metrics in view of D3-brane solutions of supergravity. Letters in Mathematical Physics, 2021, 111, 1.	0.5	2
114	Perturbative higher-derivative terms in $\mathcal{N} = 6$ asymmetric orbifolds. Journal of High Energy Physics, 2022, 2022, .	1.6	2