Giulio Bonelli

List of Publications by Year
in descending order

49 papers	1,290 citations	257450 24 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	461 citing authors

#	Article	IF	Citations
1	Exact solution of Kerr black hole perturbations via CFT_2 instanton counting: Greybody factor, quasinormal modes, and Love numbers. Physical Review D, 2022, 105, .	4.7	42
2	BPS Quivers of Five-Dimensional SCFTs, Topological Strings and q-Painlevé Equations. Annales Henri Poincare, 2021, 22, 2721-2773.	1.7	7
3	Counting Yang-Mills Instantons by Surface Operator Renormalization Group Flow. Physical Review Letters, 2021, 126, 231602.	7.8	7
4	Circular quiver gauge theories, isomonodromic deformations and $$W_N$$ fermions on the torus. Letters in Mathematical Physics, 2021, 111, 1.	1.1	2
5	Gauge theories on compact toric manifolds. Letters in Mathematical Physics, 2021, 111, 1.	1.1	4
6	$${\mathcal {N}}$$ = $$2^*$$ Gauge Theory, Free Fermions on the Torus and Painlevé VI. Communications in Mathematical Physics, 2020, 377, 1381-1419.	2.2	17
7	Elliptic non-Abelian Donaldson-Thomas invariants of â„3. Journal of High Energy Physics, 2019, 2019, 1.	4.7	8
8	$$ \mathcal{N} = 2 $$ gauge theories on unoriented/open four-manifolds and their AGT counterparts. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
9	Quantum curves and q-deformed Painlevé equations. Letters in Mathematical Physics, 2019, 109, 1961-2001.	1.1	33
10	Quantum Hitchin Systems via $${\eta}$$ Î² -Deformed Matrix Models. Communications in Mathematical Physics, 2018, 358, 1041-1064.	2.2	13
11	$$ \overline{T} $$ -deformations in closed form. Journal of High Energy Physics, 2018, 2018, 1.	4.7	111
12	New Results in $${\mathcal {N}}=2$$ N = 2 Theories from Non-perturbative String. Annales Henri Poincare, 2018, 19, 743-774.	1.7	24
13	Gauge theories on compact toric surfaces, conformal field theories and equivariant Donaldson invariants. Journal of Geometry and Physics, 2017, 118, 40-50.	1.4	17
14	On Painlevé/gauge theory correspondence. Letters in Mathematical Physics, 2017, 107, 2359-2413.	1.1	46
15	Seiberg–Witten theory as a Fermi gas. Letters in Mathematical Physics, 2017, 107, 1-30.	1.1	41
16	Quantum cohomology and quantum hydrodynamics from supersymmetric quiver gauge theories. Journal of Geometry and Physics, 2016, 109, 3-43.	1.4	10
17	Symmetry enhancements via 5d instantons, q W $$ q\mathcal{W} $$ -algebrae and (1, 0) superconformal index. Journal of High Energy Physics, 2016, 2016, 1.	4.7	11
18	Exact results for N $$ \mathcal{N} $$ = 2 supersymmetric gauge theories on compact toric manifolds and equivariant Donaldson invariants. Journal of High Energy Physics, 2016, 2016, 1.	4.7	24

#	Article	IF	Citations
19	N = 2 $$ mathcal{N}=2 $$ supersymmetric gauge theories on S2 Ã— S2 and Liouville Gravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	27
20	Vortex Partition Functions, Wall Crossing and Equivariant Gromovâ€"Witten Invariants. Communications in Mathematical Physics, 2015, 333, 717-760.	2.2	33
21	The stringy instanton partition function. Journal of High Energy Physics, 2014, 2014, 1.	4.7	15
22	Six-dimensional supersymmetric gauge theories, quantum cohomology of instanton moduli spaces and gl(N) Quantum Intermediate Long Wave Hydrodynamics. Journal of High Energy Physics, 2014, 2014, 1.	4.7	30
23	$ mathcal{N} $ =1 geometries via M-theory. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
24	$ mathcal{N}=2 $ gauge theories on toric singularities, blow-up formulae and W-algebrae. Journal of High Energy Physics, 2013, 2013, 1.	4.7	28
25	Vertices, vortices & interacting surface operators. Journal of High Energy Physics, 2012, 2012, 1.	4.7	53
26	Wild quiver gauge theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	92
27	Gauge Theories on ALE Space and Super Liouville Correlation Functions. Letters in Mathematical Physics, 2012, 101, 103-124.	1.1	55
28	Generalized matrix models and AGT correspondence at all genera. Journal of High Energy Physics, 2011, 2011, 1.	4.7	23
29	Instantons on ALE spaces and super Liouville conformal field theories. Journal of High Energy Physics, 2011, 2011, 1.	4.7	61
30	The Liouville side of the vortex. Journal of High Energy Physics, 2011, 2011, 1.	4.7	34
31	Taming open/closed string duality with a Losev trick. Journal of High Energy Physics, 2010, 2010, 1.	4.7	3
32	Hitchin systems, <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="script">N</mml:mi><mml:mo>=</mml:mo><mml:mn>2</mml:mn></mml:math> gauge theories and W-gravity. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 691, 111-115.	4.1	68
33	Decoupling A and B model in open string theory: topological adventures in the world of tadpoles. Journal of High Energy Physics, 2009, 2009, 046-046.	4.7	6
34	Topological branes, p-algebras and generalized Nahm equations. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 672, 390-395.	4.1	27
35	Topological gauge theories on local spaces and black hole entropy countings. Advances in Theoretical and Mathematical Physics, 2008, 12, 1429-1446.	0.6	7
36	Computing amplitudes in topological M-theory. Journal of High Energy Physics, 2007, 2007, 023-023.	4.7	7

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37	The holomorphic anomaly for open string moduli. Journal of High Energy Physics, 2007, 2007, 060-060.	4.7	10
38	On topological M-theory. Advances in Theoretical and Mathematical Physics, 2006, 10, 239-260.	0.6	15
39	From current algebras for p-branes to topological M-theory. Journal of High Energy Physics, 2005, 2005, 015-015.	4.7	34
40	Matrix string theory on pp-waves. Classical and Quantum Gravity, 2003, 20, S433-S440.	4.0	1
41	Matrix Strings in pp-wave backgrounds from deformed Super Yang-Mills Theory. Journal of High Energy Physics, 2002, 2002, 022-022.	4.7	60
42	Counting BPS states of the M5-brane. Fortschritte Der Physik, 2002, 50, 851-857.	4.4	1
43	Supersymmetric index of the M-theory 5-brane and little string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 521, 383-390.	4.1	6
44	The geometry of M5-branes and TQFTs. Journal of Geometry and Physics, 2001, 40, 13-25.	1.4	10
45	The M5-brane on K3 and del Pezzo's and multi-loop string amplitudes. Journal of High Energy Physics, 2001, 2001, 022-022.	4.7	7
46	RG flow irreversibility,Ctheorem, and the topological nature of 4DN=2super-Yang-Mills theory. Physical Review D, 1998, 58, .	4.7	3
47	SolvingN=2supersymmetric Yang-Mills theory by reflection symmetry of quantum vacua. Physical Review D, 1997, 55, 6466-6470.	4.7	30
48	Nonperturbative Renormalization Group Equation and Beta Function inN=2Supersymmetric Yang-Mills Theory. Physical Review Letters, 1996, 76, 4107-4110.	7.8	53
49	Nonperturbative Relations inN=2Supersymmetric Yang-Mills Theory and the Witten-Dijkgraaf-Verlinde-Verlinde Equation. Physical Review Letters, 1996, 77, 4712-4715.	7.8	42