

# Kentaroh Yoshida

## List of Publications by Year in descending order

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123  
papers

2,823  
citations

126907

33  
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223800

46  
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123  
all docs

123  
docs citations

123  
times ranked

454  
citing authors

#	ARTICLE	IF	CITATIONS
1	Jordanian deformations of the AdS <sub>5</sub> –S <sub>5</sub> superstring. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	154
2	Yang–Baxter sigma models based on the CYBE. <i>Nuclear Physics B</i> , 2015, 893, 287-304.	2.5	82
3	Lunin-Maldacena backgrounds from the classical Yang-Baxter equation “ towards the gravity/CYBE correspondence. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	81
4	Families of IIB duals for nonrelativistic CFTs. <i>Journal of High Energy Physics</i> , 2008, 2008, 071-071.	4.7	72
5	Type IIA string and matrix string on pp-wave. <i>Nuclear Physics B</i> , 2002, 644, 128-150.	2.5	69
6	Integrability of classical strings dual for noncommutative gauge theories. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	66
7	Hybrid classical integrability in squashed sigma models. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 705, 251-254.	4.1	57
8	Yangian symmetry in deformed WZNW models on squashed spheres. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2011, 701, 475-480.	4.1	57
9	The classical origin of quantum affine algebra in squashed sigma models. <i>Journal of High Energy Physics</i> , 2012, 2012, 1.	4.7	52
10	Supermembrane on the pp-wave background. <i>Nuclear Physics B</i> , 2002, 644, 113-127.	2.5	51
11	A Jordanian deformation of AdS space in type IIB supergravity. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	50
12	Schrödinger geometries arising from Yang-Baxter deformations. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	50
13	Classical integrability and super Yangian of superstring on AdS <sub>5</sub> × S <sup>5</sup> . <i>Advances in Theoretical and Mathematical Physics</i> , 2005, 9, 703-728.	0.6	50
14	More super Schrödinger algebras from psu(2,2 4). <i>Journal of High Energy Physics</i> , 2008, 2008, 049-049.	4.7	49
15	Holographic Schwinger effect in confining phase. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	49
16	Potential analysis in holographic Schwinger effect. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	48
17	Holographic description of the Schwinger effect in electric and magnetic field. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	4.7	47
18	Yang-Baxter deformations and string dualities. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	47

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19	Coset construction for duals of non-relativistic CFTs. Journal of High Energy Physics, 2009, 2009, 038-038.	4.7	46
20	On the classical equivalence of monodromy matrices in squashed sigma model. Journal of High Energy Physics, 2012, 2012, 1.	4.7	46
21	Universal aspects of holographic Schwinger effect in general backgrounds. Journal of High Energy Physics, 2013, 2013, 1.	4.7	44
22	Generalized gravity from modified DFT. Journal of High Energy Physics, 2017, 2017, 1.	4.7	44
23	Super Schrödinger algebra in AdS/CFT. Journal of Mathematical Physics, 2008, 49, .	1.1	41
24	Homogeneous Yang-Baxter deformations as generalized diffeomorphisms. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 415401.	2.1	39
25	Non-relativistic M2-brane gauge theory and new superconformal algebra. Journal of High Energy Physics, 2009, 2009, 096-096.	4.7	38
26	Hidden Yangian symmetry in sigma model on squashed sphere. Journal of High Energy Physics, 2010, 2010, 1.	4.7	38
27	A deformation of quantum affine algebra in squashed Wess-Zumino-Novikov-Witten models. Journal of Mathematical Physics, 2014, 55, 062302.	1.1	38
28	Chaos in the BMN matrix model. Journal of High Energy Physics, 2015, 2015, 1.	4.7	38
29	T-folds from Yang-Baxter deformations. Journal of High Energy Physics, 2017, 2017, 1.	4.7	38
30	Integrable deformations of the AdS <sub>5</sub> –S <sup>5</sup> superstring and the classical Yang-Baxter equation – Towards the gravity/CYBE correspondence –. Journal of Physics: Conference Series, 2014, 563, 012020.	0.4	37
31	Chaotic strings in a near Penrose limit of AdS <sub>5</sub> – T <sub>1,1</sub> . Journal of High Energy Physics, 2015, 2015, 1.	4.7	36
32	A semiclassical string description of Wilson loop with local operators. Nuclear Physics B, 2008, 798, 72-88.	2.5	35
33	Weyl invariance for generalized supergravity backgrounds from the doubled formalism. Progress of Theoretical and Experimental Physics, 2017, 2017, .	6.6	35
34	Schrödinger sigma models and Jordanian twists. Journal of High Energy Physics, 2013, 2013, 1.	4.7	33
35	Conformal twists, Yang-Baxter $r$ -models & holographic noncommutativity. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 235401.	2.1	33
36	Classical integrability of Schrödinger sigma models and q-deformed Poincaré symmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	32

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37	Deformations of T 1,1 as Yang-Baxter sigma models. Journal of High Energy Physics, 2014, 2014, 1.	4.7	31
38	A holographic description of the Schwinger effect in a confining gauge theory. International Journal of Modern Physics A, 2015, 30, 1530026.	1.5	30
39	Generalized type IIB supergravity equations and non-Abelian classical-r-matrices. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 445403.	2.1	30
40	Exotic symmetry and monodromy equivalence in Schrödinger sigma models. Journal of High Energy Physics, 2013, 2013, 1.	4.7	29
41	BPS conditions of supermembrane on the pp-wave. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 546, 143-152.	4.1	28
42	Giant graviton and quantum stability in the matrix model on pp-wave background. Physical Review D, 2002, 66, .	4.7	27
43	Non-relativistic AdS branes and Newton-Hooke superalgebra. Journal of High Energy Physics, 2006, 2006, 078-078.	4.7	26
44	Chaos in Chiral Condensates in Gauge Theories. Physical Review Letters, 2016, 117, 231602.	7.8	26
45	Hybrid classical integrable structure of squashed sigma models - a short summary. Journal of Physics: Conference Series, 2012, 343, 012055.	0.4	25
46	Higher loop Bethe ansatz for open spin-chains in AdS/CFT. Journal of High Energy Physics, 2006, 2006, 081-081.	4.7	24
47	Supercoset construction of Yang-Baxter-deformed AdS <sub>5</sub> -S <sub>5</sub> backgrounds. Progress of Theoretical and Experimental Physics, 2016, 2016, 083B03.	6.6	24
48	Open spinning strings and AdS/dCFT duality. Journal of High Energy Physics, 2006, 2006, 112-112.	4.7	23
49	Anisotropic Landau-Lifshitz sigma models from q-deformed AdS <sub>5</sub> -S <sub>5</sub> superstrings. Journal of High Energy Physics, 2014, 2014, 1.	4.7	23
50	Fate of chaotic strings in a confining geometry. Physical Review D, 2017, 95, .	4.7	23
51	Weyl Invariance of String Theories in Generalized Supergravity Backgrounds. Physical Review Letters, 2019, 122, 111602.	7.8	23
52	String theories on warped AdS backgrounds and integrable deformations of spin chains. Journal of High Energy Physics, 2013, 2013, 1.	4.7	21
53	Ground state of the supermembrane on pp-wave. Physical Review D, 2003, 68, .	4.7	20
54	Lax pairs on Yang-Baxter deformed backgrounds. Journal of High Energy Physics, 2015, 2015, 1.	4.7	20

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55	Comments on 2D dilaton gravity system with a hyperbolic dilaton potential. Nuclear Physics B, 2017, 923, 126-143.	2.5	20
56	D-branes of covariant AdS superstrings. Nuclear Physics B, 2004, 684, 100-124.	2.5	19
57	Dynamical aspects of the plane-wave matrix model at finite temperature. Journal of High Energy Physics, 2006, 2006, 052-052.	4.7	19
58	A new coordinate system for q-deformed AdS <sub>5</sub> –S <sup>5</sup> and classical string solutions. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 075401.	2.1	19
59	Deformations of the Almheiri-Polchinski model. Journal of High Energy Physics, 2017, 2017, 1.	4.7	19
60	Open semiclassical strings and long defect operators in AdS/dCFT correspondence. Physical Review D, 2005, 71, .	4.7	18
61	A family of super Schrödinger invariant Chern-Simons matter systems. Journal of High Energy Physics, 2009, 2009, 006-006.	4.7	18
62	One-loop flatness of membrane fuzzy sphere interaction in plane-wave matrix model. Nuclear Physics B, 2004, 679, 99-126.	2.5	17
63	Thermodynamics of fuzzy spheres in pp-wave matrix model. Nuclear Physics B, 2004, 701, 380-394.	2.5	17
64	Yang-Baxter deformations of Minkowski spacetime. Journal of High Energy Physics, 2015, 2015, 1.	4.7	16
65	Integrability and higher loops in AdS/dCFT correspondence. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 624, 115-124.	4.1	15
66	Notes on D-branes of type IIB string on AdS <sub>5</sub> –S <sup>5</sup> . Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2004, 591, 318-324.	4.1	14
67	Asymptotic symmetries of Schrödinger spacetimes. Journal of High Energy Physics, 2009, 2009, 032-032.	4.7	14
68	SUSY properties of warped AdS <sub>3</sub> . Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
69	Weyl transformation and regular solutions in a deformed Jackiw–Teitelboim model. Nuclear Physics B, 2018, 933, 234-247.	2.5	14
70	Non-relativistic string and D-branes on AdS <sub>5</sub> –S <sup>5</sup> from semiclassical approximation. Journal of High Energy Physics, 2007, 2007, 051-051.	4.7	12
71	Super Yangian of superstring on AdS <sub>5</sub> × S <sup>5</sup> revisited. Advances in Theoretical and Mathematical Physics, 2011, 15, 1485-1501.	0.6	12
72	Membrane fuzzy sphere dynamics in plane-wave matrix model. Nuclear Physics B, 2005, 709, 69-93.	2.5	11

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73	Holography of non-relativistic string on AdS <sub>5</sub> –S <sub>5</sub> . Journal of High Energy Physics, 2008, 2008, 092-092.	4.7	11
74	Yang–Baxter invariance of the Nappi–Witten model. Nuclear Physics B, 2016, 905, 242-250.	2.5	11
75	M-theory on a time-dependent plane-wave. Journal of High Energy Physics, 2003, 2003, 030-030.	4.7	10
76	Killing spinors from classical r-matrices. Journal of Physics A: Mathematical and Theoretical, 2018, 51, 395401.	2.1	10
77	Holographic geometry for nonrelativistic systems emerging from generalized flow equations. Physical Review D, 2019, 99, .	4.7	10
78	Partition function and open/closed string duality in type IIA string theory on a pp-wave. Nuclear Physics B, 2003, 669, 78-102.	2.5	9
79	Dirichlet branes of the covariant open supermembrane on a pp-wave background. Nuclear Physics B, 2004, 676, 311-324.	2.5	9
80	Dirichlet branes of the covariant open supermembrane in AdS <sub>4</sub> –S <sub>7</sub> and AdS <sub>7</sub> –S <sub>4</sub> . Nuclear Physics B, 2004, 681, 137-151.	2.5	9
81	Yang-Baxter sigma models and Lax pairs arising from $\hat{\mathfrak{p}}$ -Poincaré r-matrices. Journal of High Energy Physics, 2016, 2016, 1-29.	4.7	9
82	Faddeev-Reshetikhin model from a 4D Chern-Simons theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	9
83	Yang-Baxter deformations of the AdS <sub>5</sub> –S <sub>5</sub> supercoset sigma model from 4D Chern-Simons theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	9
84	Spectrum of eleven-dimensional supergravity on pp-wave background. Physical Review D, 2003, 68, .	4.7	8
85	Thermodynamic behavior of fuzzy membranes in pp-wave matrix model. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2005, 627, 188-196.	4.1	8
86	Lax pairs for deformed Minkowski spacetimes. Journal of High Energy Physics, 2016, 2016, 1.	4.7	8
87	Semiclassical analysis of M2-brane in AdS <sub>4</sub> –S <sub>7</sub> /Z <sub>k</sub> . Journal of High Energy Physics, 2010, 2010, 1.	4.7	7
88	Minimal surfaces in q-deformed $\mathfrak{mAd}_{\{m\}}\{S\}_{\{5\}}$ –S <sub>5</sub> with Poincaré coordinates. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 245401.	2.1	7
89	Towards the gravity/CYBE correspondence beyond integrability – Yang-Baxter deformations of T <sub>1,1</sub> . Journal of Physics: Conference Series, 2016, 670, 012019.	0.4	7
90	Melnikov’s method in String Theory. Journal of High Energy Physics, 2016, 2016, 1.	4.7	7

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91	Yang-Baxter deformations of $W_{2,4} \tilde{A} - T_{1,1}$ and the associated T-dual models. Nuclear Physics B, 2017, 921, 805-828.	2.5	7
92	Open M-branes on revisited. Nuclear Physics B, 2005, 714, 51-66.	2.5	6
93	Interacting SUSY-singlet matter in non-relativistic Chern-Simons theory. Journal of Physics A: Mathematical and Theoretical, 2009, 42, 195402.	2.1	6
94	Dynamical F-strings intersecting D2-branes in type IIA supergravity. Physical Review D, 2013, 88, .	4.7	6
95	SUSY and the bi-vector. Physica Scripta, 2019, 94, 095001.	2.5	6
96	$O(d,d)$ transformations preserve classical integrability. Nuclear Physics B, 2020, 950, 114880.	2.5	6
97	Large N analysis of $T$ -deformation and unavoidable negative-norm states. Journal of High Energy Physics, 2020, 2020, 1.	4.7	6
98	Yang-Baxter deformations and generalized supergravity—a short summary. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 443001.	2.1	6
99	Noncommutative M-branes from covariant open supermembranes. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 642, 400-403.	4.1	5
100	Point-like graviton scattering in plane-wave matrix model. Journal of High Energy Physics, 2006, 2006, 051-051.	4.7	5
101	Phase structure of a compact $U(1)$ gauge theory from the viewpoint of a sine-Gordon model. Physical Review D, 2001, 64, .	4.7	4
102	Generalized quark-antiquark potentials from a $q$ -deformed $AdS_5 \tilde{A} - S^5$ background. Progress of Theoretical and Experimental Physics, 2016, 2016, 063B01.	6.6	4
103	Chaotic string dynamics in deformed $T_{1,1}$ . Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
104	Nonrelativistic hybrid geometries with gravitational gauge-fixing terms. Physical Review Research, 2020, 2, .	3.6	4
105	A Covariant Approach to Noncommutative M5-Branes. Progress of Theoretical Physics Supplement, 2007, 171, 275-278.	0.1	3
106	Intersecting noncommutative M5-branes from covariant open supermembrane. Nuclear Physics B, 2007, 781, 85-98.	2.5	3
107	Noncommutative D-branes from covariant AdS superstring. Nuclear Physics B, 2008, 797, 179-198.	2.5	3
108	Supersymmetric Extensions of Non-Relativistic Scaling Algebras. Symmetry, 2012, 4, 517-536.	2.2	3

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109	No pair production of open strings in a plane-wave background. <i>Physical Review D</i> , 2014, 90, .	4.7	3
110	Integrable deformed T1,1 sigma models from 4D Chern-Simons theory. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	3
111	The effect of the boundary conditions in the reformulation of QCD4. <i>Journal of High Energy Physics</i> , 2000, 2000, 007-007.	4.7	2
112	Deconfining Phase Transition in QCD4 and QED4 at Finite Temperature. <i>Journal of High Energy Physics</i> , 2001, 2001, 030-030.	4.7	2
113	Holography of Non-relativistic String on $AdS_5 \tilde{S}^5$ . , 2008, , .		2
114	Effective potential in pp-wave geometry. <i>Nuclear Physics B</i> , 2004, 683, 122-136.	2.5	1
115	A tunneling picture of dual giant Wilson loop. <i>Journal of High Energy Physics</i> , 2008, 2008, 102-102.	4.7	1
116	THE CLASSICAL EQUIVALENCE OF MONODROMY MATRICES IN SQUASHED SIGMA MODEL. <i>International Journal of Modern Physics Conference Series</i> , 2013, 21, 180-181.	0.7	1
117	Discrete light-cone quantization in pp-wave background. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2005, 619, 333-339.	4.1	0
118	HOLOGRAPHY OF ROTATING DUAL GIANT WILSON LOOPS. <i>International Journal of Modern Physics A</i> , 2008, 23, 2267-2268.	1.5	0
119	HOLOGRAPHY OF NON-RELATIVISTIC STRING ON $AdS_5 \tilde{S}^5$ . <i>International Journal of Modern Physics A</i> , 2008, 23, 2275-2276.	1.5	0
120	Recent Progress on Yang-Baxter Deformation and Generalized Supergravity. <i>Springer Proceedings in Mathematics and Statistics</i> , 2020, , 203-218.	0.2	0
121	Recent Progress on Yang-Baxter Deformation and Generalized Supergravity. <i>SpringerBriefs in Mathematical Physics</i> , 2021, , 59-70.	0.2	0
122	Yang-Baxter Sigma Models. <i>SpringerBriefs in Mathematical Physics</i> , 2021, , 35-57.	0.2	0
123	Non-Abelian Toda field theories from a 4D Chern-Simons theory. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	0