Takeshi Oota

List of Publications by Year
in descending order

40 papers	852 citations	516710 16 h-index	477307 29 g-index
42 all docs	42 docs citations	42 times ranked	301 citing authors

#	Article	IF	Citations
1	Perturbation of multi-critical unitary matrix models, double scaling limits, and Argyres-Douglas theories. Nuclear Physics B, 2022, 976, 115718.	2.5	4
2	Multicritical points of unitary matrix model with logarithmic potential identified with Argyresâ€"Douglas points. International Journal of Modern Physics A, 2020, 35, 2050146.	1.5	7
3	Discrete PainlevÃ© system associated with Unitary matrix model. Journal of Physics: Conference Series, 2019, 1194, 012050.	0.4	2
4	Discrete PainlevÃ© system for the partition function of N_fâ‰‰=â‰‰2 SU(2) supersymmetric gauge theory and its double scaling limit. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 415401.	2.1	11
5	Discrete PainlevÃ© system and the double scaling limit of the matrix model for irregular conformal block and gauge theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 789, 605-609.	4.1	14
6	Elliptic algebra, Frenkelâ€"Kac construction and root of unity limit. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 365401.	2.1	1
7	Cubic constraints for the resolvents of the ABJM matrix model and its cousins. International Journal of Modern Physics A, 2017, 32, 1750056.	1.5	2
8	q-vertex operator from 5D Nekrasov function. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 345201.	2.1	11
9	q-Virasoro/W algebra at root of unity and parafermions. Nuclear Physics B, 2014, 889, 25-35.	2.5	16
10	2dâ€"4d connection between q-Virasoro/W block at root of unity limit and instanton partition function on ALE space. Nuclear Physics B, 2013, 877, 506-537.	2.5	29
11	q-Virasoro algebra at root of unity limit and 2d-4d connection. Journal of Physics: Conference Series, 2013, 474, 012022.	0.4	3
12	β-DEFORMED MATRIX MODELS AND NEKRASOV PARTITION FUNCTION. International Journal of Modern Physics Conference Series, 2013, 21, 92-100.	0.7	2
13	affine quiver matrix model. Nuclear Physics B, 2011, 852, 336-351.	2.5	7
14	The Quiver Matrix Model and 2d-4d Conformal Connection. Progress of Theoretical Physics, 2010, 123, 957-987.	2.0	92
15	SEPARABILITY OF GRAVITATIONAL PERTURBATION IN GENERALIZED KERRâ€"NUTâ€"DE SITTER SPACEâ€"TIME. International Journal of Modern Physics A, 2010, 25, 3055-3094.	1.5	29
16	Method of generating q-expansion coefficients for conformal block and $N=2$ Nekrasov function by β-deformed matrix model. Nuclear Physics B, 2010, 838, 298-330.	2.5	84
17	Massive scaling limit of the β-deformed matrix model of Selberg type. Physical Review D, 2010, 82, .	4.7	25
18	Closed conformal Killingâ€"Yano tensor and the uniqueness of generalized Kerrâ€"NUTâ€"de Sitter spacetime. Classical and Quantum Gravity, 2009, 26, 045015.	4.0	35

#	Article	IF	Citations
19	Separability of Dirac equation in higher dimensional Kerr–NUT–de Sitter spacetime. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 659, 688-693.	4.1	67
20	Generalized Kerr–NUT–de Sitter metrics in all dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 666, 391-394.	4.1	30
21	Nambu-Goto Like Action for the AdS5 x S5 Superstrings in the Generalized Light-Cone Gauge. Progress of Theoretical Physics, 2008, 119, 323-338.	2.0	0
22	Closed conformal Killing–Yano tensor and geodesic integrability. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 025204.	2.1	39
23	The AdS5 x S5 Superstrings in the Generalized Light-Cone Gauge. Progress of Theoretical Physics, 2007, 117, 957-972.	2.0	5
24	Kerr–NUT–de Sitter curvature in all dimensions. Journal of Physics A: Mathematical and Theoretical, 2007, 40, F177-F184.	2.1	54
25	New example of infinite family of quiver gauge theories. Nuclear Physics B, 2007, 762, 377-391.	2.5	12
26	Closed conformal Killing–Yano tensor and Kerr–NUT–de Sitter space–time uniqueness. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2007, 656, 214-216.	4.1	65
27	Toric Sasaki–Einstein manifolds and Heun equations. Nuclear Physics B, 2006, 742, 275-294.	2.5	33
28	Explicit toric metric on resolved Calabi–Yau cone. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2006, 639, 54-56.	4.1	30
29	Quantum projectors and local operators in lattice integrable models. Journal of Physics A, 2004, 37, 441-452.	1.6	13
30	Normalization of off-shell boundary state,g-function and zeta function regularization. Journal of Physics A, 2002, 35, 9395-9412.	1.6	2
31	Comments on T-Dualities of Ramond-Ramond Potentials. Progress of Theoretical Physics, 2000, 103, 425-446.	2.0	61
32	Weyl Groups in AdS3/CFT2. Progress of Theoretical Physics, 2000, 103, 447-462.	2.0	1
33	Two-point correlation functions in perturbed minimal models. Journal of Physics A, 1998, 31, 7611-7625.	1.6	4
34	A determinant representation for a correlation function of the scaling Lee - Yang model. Journal of Physics A, 1998, 31, L371-L380.	1.6	8
35	Motions of the String Solutions in the XXZ Spin Chain Under a Varying Twist. International Journal of Modern Physics A, 1997, 12, 801-838.	1.5	2
36	q-deformed Coxeter element in non-simply laced affine Toda field theories. Nuclear Physics B, 1997, 504, 738-752.	2.5	22

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37	Functional equations of form factors for diagonal scattering theories. Nuclear Physics B, 1996, 466, 361-382.	2.5	16
38	Scattering of plane waves in self-dual Yang - Mills theory. Journal of Physics A, 1996, 29, L625-L628.	1.6	10
39	Sine-Gordon theory with higher-spin N = 2 supersymmetry and the massless limit. Nuclear Physics B, 1994, 419, 632-646.	2.5	2
40	Neutral Excitations and Others in the Sine-Gordon Theory. Progress of Theoretical Physics Supplement, 1993, 114, 41-51.	0.1	2