

# â€ªRÄzvan GurÄu

## List of Publications by Year in descending order

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55  
papers

2,627  
citations

218677

26  
h-index

189892

50  
g-index

56  
all docs

56  
docs citations

56  
times ranked

309  
citing authors

#	ARTICLE	IF	CITATIONS
1	The F-theorem in the melonic limit. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
2	Trifundamental quartic model. Physical Review D, 2021, 103, .	4.7	9
3	Hints of unitarity at large N in the $O(N)^3$ tensor field theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
4	Conformal symmetry and composite operators in the $O(N)^3$ tensor field theory. Journal of High Energy Physics, 2020, 2020, 1.	4.7	10
5	Long-range multi-scalar models at three loops. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 445008.	2.1	15
6	Line of fixed points in a bosonic tensor model. Journal of High Energy Physics, 2019, 2019, 1.	4.7	26
7	The $1/N$ Expansion of the Symmetric Traceless and the Antisymmetric Tensor Models in Rank Three. Communications in Mathematical Physics, 2019, 371, 55-97.	2.2	19
8	The $1/N$ Expansion of Tensor Models with Two Symmetric Tensors. Communications in Mathematical Physics, 2018, 360, 985-1007.	2.2	18
9	Tensorial Gross-Neveu models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	27
10	The $\epsilon$ prescription in the SYK model. Journal of Physics Communications, 2018, 2, 015003.	1.2	7
11	2PI effective action for the SYK model and tensor field theories. Journal of High Energy Physics, 2018, 2018, 1.	4.7	31
12	The complete $1/N$ expansion of a SYK-like tensor model. Nuclear Physics B, 2017, 916, 386-401.	2.5	118
13	Quenched equals annealed at leading order in the colored SYK model. Europhysics Letters, 2017, 119, 30003.	2.0	33
14	Universality and Borel summability of arbitrary quartic tensor models. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2016, 52, .	1.1	14
15	Regular colored graphs of positive degree. Annales De L'Institut Henri Poincare (D) Combinatorics, Physics and Their Interactions, 2016, 3, 257-320.	1.1	27
16	Symmetry breaking in tensor models. Physical Review D, 2015, 92, .	4.7	11
17	Phase transition in tensor models. Journal of High Energy Physics, 2015, 2015, 1.	4.7	19
18	The double scaling limit of the multi-orientable tensor model. Europhysics Letters, 2015, 111, 21002.	2.0	15

#	ARTICLE	IF	CITATIONS
19	Analyticity results for the cumulants in a random matrix model. Annales De L'Institut Henri Poincare (D) Combinatorics, Physics and Their Interactions, 2015, 2, 169-228.	1.1	12
20	The Multiscale Loop Vertex Expansion. Annales Henri Poincare, 2015, 16, 1869-1897.	1.7	20
21	Universality for random tensors. Annales De L'institut Henri Poincare (B) Probability and Statistics, 2014, 50, .	1.1	37
22	Weighting bubbles in group field theory. Physical Review D, 2014, 90, .	4.7	2
23	Melons are Branched Polymers. Annales Henri Poincare, 2014, 15, 2085-2131.	1.7	62
24	The 1/N Expansion of Tensor Models Beyond Perturbation Theory. Communications in Mathematical Physics, 2014, 330, 973-1019.	2.2	59
25	The double scaling limit of random tensor models. Journal of High Energy Physics, 2014, 2014, 1.	4.7	41
26	Double scaling in tensor models with a quartic interaction. Journal of High Energy Physics, 2013, 2013, 1.	4.7	43
27	Universality in $p$ -spin glasses with correlated disorder. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, L02003.	2.3	16
28	Random tensor models in the large $N$ limit: Uncoloring the colored tensor models. Physical Review D, 2012, 85, .	4.7	155
29	Phase transition in dually weighted colored tensor models. Nuclear Physics B, 2012, 855, 420-437.	2.5	50
30	The Schwinger Dyson equations and the algebra of constraints of random tensor models at all orders. Nuclear Physics B, 2012, 865, 133-147.	2.5	40
31	The Complete 1/N Expansion of Colored Tensor Models in Arbitrary Dimension. Annales Henri Poincare, 2012, 13, 399-423.	1.7	176
32	The Ising model on random lattices in arbitrary dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2012, 711, 88-96.	4.1	40
33	Colored Tensor Models - a Review. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 2012, , .	0.5	131
34	A generalization of the Virasoro algebra to arbitrary dimensions. Nuclear Physics B, 2011, 852, 592-614.	2.5	69
35	Critical behavior of colored tensor models in the large $N$ limit. Nuclear Physics B, 2011, 853, 174-195.	2.5	231
36	Asymptotes in SU(2) Recoupling Theory: Wigner Matrices, 3j Symbols, and Character Localization. Annales Henri Poincare, 2011, 12, 77-118.	1.7	1

#	ARTICLE	IF	CITATIONS
37	The 1/N Expansion of Colored Tensor Models. Annales Henri Poincare, 2011, 12, 829-847.	1.7	180
38	Colored Group Field Theory. Communications in Mathematical Physics, 2011, 304, 69-93.	2.2	215
39	Reply to comment on "Lost in translation: topological singularities in group field theory". Classical and Quantum Gravity, 2011, 28, 178002.	4.0	4
40	Double scaling limit in arbitrary dimensions: A toy model. Physical Review D, 2011, 84, .	4.7	23
41	Topological Graph Polynomials in Colored Group Field Theory. Annales Henri Poincare, 2010, 11, 565-584.	1.7	52
42	Lost in translation: topological singularities in group field theory. Classical and Quantum Gravity, 2010, 27, 235023.	4.0	94
43	A diagrammatic equation for oriented planar graphs. Nuclear Physics B, 2010, 839, 580-603.	2.5	3
44	Noncommutative field theory on rank one symmetric spaces. Journal of Noncommutative Geometry, 2009, 3, 99-123.	0.5	7
45	Wilsonian renormalization of noncommutative scalar field theory. Journal of High Energy Physics, 2009, 2009, 064-064.	4.7	16
46	Tree Quantum Field Theory. Annales Henri Poincare, 2009, 10, 867-891.	1.7	12
47	Vanishing $\hat{\Gamma}^2$ -function for Grosse's Wulkenhaar model in a magnetic field. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2009, 671, 284-290.	4.1	13
48	Group field theory renormalization in the 3D case: Power counting of divergences. Physical Review D, 2009, 80, .	4.7	79
49	Dimensional Regularization and Renormalization of Non-Commutative Quantum Field Theory. Annales Henri Poincare, 2008, 9, 655-683.	1.7	13
50	The Ponzano's Regge Asymptotic of the 6j Symbol: An Elementary Proof. Annales Henri Poincare, 2008, 9, 1413-1424.	1.7	21
51	<p> <a href="#">vanishing of beta function of non-commutative</a>  <a href="#">overflow="scroll"</a> </p> <p> <math>\xi_m</math> </p> <p> <small>           xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema"           xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd"           xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML"           xmlns:tb="http://www.elsevier.com/xml/common/table/dtd"           xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.         </small> </p>	4.1	131
52	Parametric Representation of Noncommutative Field Theory. Communications in Mathematical Physics, 2007, 272, 811-835.	2.2	41
53	Non-Commutative Complete Mellin Representation for Feynman Amplitudes. Letters in Mathematical Physics, 2007, 81, 161-175.	1.1	14
54	Propagators for Noncommutative Field Theories. Annales Henri Poincare, 2006, 7, 1601-1628.	1.7	21

#	ARTICLE	IF	CITATIONS
55	Renormalization of Non-Commutative $\Phi^4$ Field Theory in x Space. Communications in Mathematical Physics, 2006, 267, 515-542.	2.2	82