

Sylvain Carrozza

List of Publications by Year in descending order

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papers

693
citations

567281

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713466

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g-index

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all docs

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docs citations

25
times ranked

128
citing authors

#	ARTICLE	IF	CITATIONS
1	O(N) Random Tensor Models. Letters in Mathematical Physics, 2016, 106, 1531-1559.	1.1	111
2	Renormalization of a SU(2) Tensorial Group Field Theory in Three Dimensions. Communications in Mathematical Physics, 2014, 330, 581-637.	2.2	100
3	Renormalization of Tensorial Group Field Theories: Abelian U(1) Models in Four Dimensions. Communications in Mathematical Physics, 2014, 327, 603-641.	2.2	75
4	Discrete renormalization group for SU(2) tensorial group field theory. Annales De L'Institut Henri Poincare (D) Combinatorics, Physics and Their Interactions, 2015, 2, 49-112.	1.1	48
5	Flowing in Group Field Theory Space: a Review. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	43
6	Asymptotic safety in three-dimensional SU(2) group field theory: evidence in the local potential approximation. Classical and Quantum Gravity, 2017, 34, 115004.	4.0	42
7	Tensorial Methods and Renormalization in Group Field Theories. Springer Theses, 2014, , .	0.1	33
8	Renormalizable group field theory beyond melonic diagrams: An example in rank four. Physical Review D, 2017, 96, .	4.7	33
9	Melonic Phase Transition in Group Field Theory. Letters in Mathematical Physics, 2014, 104, 1003-1017.	1.1	27
10	Tensorial Gross-Neveu models. Journal of High Energy Physics, 2018, 2018, 1.	4.7	27
11	Large N limit of irreducible tensor models: O(N) rank-3 tensors with mixed permutation symmetry. Journal of High Energy Physics, 2018, 2018, 1.	4.7	26
12	Group field theory in dimension $4 - \frac{2}{\mu}$. Physical Review D, 2015, 91, .	4.7	25
13	Bounding bubbles: The vertex representation of 3d group field theory and the suppression of pseudomanifolds. Physical Review D, 2012, 85, .	4.7	22
14	SYK-like tensor quantum mechanics with Sp(N) symmetry. Nuclear Physics B, 2019, 941, 28-52.	2.5	21
15	The $1/\hat{N}$ Expansion of the Symmetric Traceless and the Antisymmetric Tensor Models in Rank Three. Communications in Mathematical Physics, 2019, 371, 55-97.	2.2	19
16	Bubbles and jackets: new scaling bounds in topological group field theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	18
17	Melonic Large N Limit of 5-Index Irreducible Random Tensors. Communications in Mathematical Physics, 2022, 390, 1219-1270.	2.2	6
18	Edge modes as reference frames and boundary actions from post-selection. Journal of High Energy Physics, 2022, 2022, 1.	4.7	6

#	ARTICLE	IF	CITATIONS
19	On the large D expansion of Hermitian multi-matrix models. Journal of Mathematical Physics, 2020, 61, 073501.	1.1	4
20	Editorial for the Special Issue "Progress in Group Field Theory and Related Quantum Gravity Formalisms". Universe, 2020, 6, 19.	2.5	4
21	Multiple scaling limits of $U(N)^2$ imes $O(D)$ multi-matrix models. Annales De L'Institut Henri Poincare (D) Combinatorics, Physics and Their Interactions, 2022, 9, 367-433.	1.1	2
22	Singular topologies in the Boulatov model. Journal of Physics: Conference Series, 2012, 360, 012045.	0.4	1
23	Just-Renormalizable $\mathrm{SU}(2)$ Model in Three Dimensions. Springer Theses, 2014, , 171-212.	0.1	0
24	Renormalization of Tensorial Group Field Theories: Generalities. Springer Theses, 2014, , 111-150.	0.1	0