Dine Ousmane Samary

List of Publications by Year
in descending order

34 papers	443 citations	759233 12 h-index	752698 20 g-index
36 all docs	36 docs citations	36 times ranked	53 citing authors

#	Article	IF	Citations
1	Non-perturbative renormalization for the neural network-QFT correspondence. Machine Learning: Science and Technology, 2022, 3, 015027.	5.0	8
2	Signal Detection in Nearly Continuous Spectra and â„2-Symmetry Breaking. Symmetry, 2022, 14, 486.	2.2	3
3	Generalized scale behavior and renormalization group for data analysis. Journal of Statistical Mechanics: Theory and Experiment, 2022, 2022, 033101.	2.3	3
4	Large- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>d</mml:mi></mml:math> behavior of the Feynman amplitudes for a just-renormalizable tensorial group field theory. Physical Review D, 2021, 103, .	4.7	2
5	Field Theoretical Approach for Signal Detection in Nearly Continuous Positive Spectra II: Tensorial Data. Entropy, 2021, 23, 795.	2.2	6
6	Field Theoretical Approach for Signal Detection in Nearly Continuous Positive Spectra I: Matricial Data. Entropy, 2021, 23, 1132.	2.2	4
7	Flowing in discrete gravity models and Ward identities: a review. European Physical Journal Plus, 2021, 136, 1.	2.6	4
8	No Ward-Takahashi identity violation for Abelian tensorial group field theories with a closure constraint. Physical Review D, 2021, 104, .	4.7	4
9	Pedagogical comments about nonperturbative Ward-constrained melonic renormalization group flow. Physical Review D, 2020, 101, .	4.7	8
10	Revisited functional renormalization group approach for random matrices in the large- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math> limit. Physical Review D, 2020, 101, .	4.7	13
11	Reliability of the local truncations for the random tensor models renormalization group flow. Physical Review D, 2020, 102, .	4.7	9
12	Noncommutative Dirac and Kleinâ€“Gordon oscillators in the background of cosmic string: Spectrum and dynamics. International Journal of Geometric Methods in Modern Physics, 2020, 17, 2050078.	2.0	16
13	Ward-constrained melonic renormalization group flow. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2020, 802, 135173.	4.1	10
14	Renormalization group flow of coupled tensorial group field theories: Towards the Ising model on random lattices. Physical Review D, 2020, 101, .	4.7	8
15	Ward-constrained melonic renormalization group flow for the rank-four <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:msup><mml:mi>Ï•</mml:mi><mml:mn>6</mml:mn></mml:msup></mml:math> tensorial group field theory. Physical Review D, 2019, 100, .	4.7	12
16	Ward identity violation for melonic T4-truncation. Nuclear Physics B, 2019, 940, 190-213.	2.5	20
17	Lattice Oscillator Model on Noncommutative Space: Eigenvalues Problem for the Perturbation Theory. Brazilian Journal of Physics, 2019, 49, 458-470.	1.4	0
18	Progress in Solving the Nonperturbative Renormalization Group for Tensorial Group Field Theory. Universe, 2019, 5, 86.	2.5	21

#	Article	IF	Citations
19	Energy momentum tensor for translation invariant renormalizable noncommutative field theory. European Physical Journal Plus, 2018, 133, 1.	2.6	1
20	Nonperturbative renormalization group beyond the melonic sector: The effective vertex expansion method for group fields theories. Physical Review D, 2018, 98, .	4.7	22
21	Non-perturbative Renormalization Group of a U(1) Tensor Model. STEAM-H: Science, Technology, Engineering, Agriculture, Mathematics & Health, 2018, , 293-310.	0.0	0
22	Unitary symmetry constraints on tensorial group field theory renormalization group flow. Classical and Quantum Gravity, 2018, 35, 195006.	4.0	17
23	Functional renormalization group for the <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:mo) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 572 Td (stretchy="false">group field theory with closure constraint. Physical Review D, 2017, 95, .	4.7	27
24	Spherically symmetric potential in noncommutative spacetime with a compactified extra dimensions. European Physical Journal C, 2016, 76, 1.	3.9	0
25	Correlation functions of a just renormalizable tensorial group field theory: the melonic approximation. Classical and Quantum Gravity, 2015, 32, 175012.	4.0	28
26	Closed equations of the two-point functions for tensorial group field theory. Classical and Quantum Gravity, 2014, 31, 185005.	4.0	30
27	Pair production of Dirac particles in a $$d+1$$ d + 1 -dimensional noncommutative spaceâ€“time. European Physical Journal C, 2014, 74, 1.	3.9	0
28	Just Renormalizable TGFTâ€™s on U(1) d with Gauge Invariance. Communications in Mathematical Physics, 2014, 329, 545-578.	2.2	53
29	3D Tensor Field Theory: Renormalization and One-Loop Î²-Functions. Annales Henri Poincare, 2013, 14, 1599-1642.	1.7	74
30	Beta functions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>U</mml:mi><mml:mo stretchy="false">(</mml:mo><mml:mn>1</mml:mn><mml:msup><mml:mo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 504 297 Td (stretchy="fa renormalizable tensor models. Physical Review D, 2013, 88, .	4.7	29
31	Harmonic oscillator in twisted Moyal plane: Eigenvalue problem and relevant properties. Journal of Mathematical Physics, 2010, 51, 102108.	1.1	5
32	Noncommutative complex Grosse-Wulkenhaar model. , 2008, , .		2
33	Position-dependent noncommutative quantum models: exact solution of the harmonic oscillator. International Journal of Mathematical Analysis, 0, 8, 1285-1295.	0.3	1
34	Functional renormalization group for multilinear disordered Langevin dynamics I Formalism and first numerical investigations at equilibrium. Journal of Physics Communications, 0, , .	1.2	3