

Marco Benini

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	QUANTUM FIELD THEORY ON CURVED BACKGROUNDS – A PRIMER. International Journal of Modern Physics A, 2013, 28, 1330023.	1.5	45
2	Quantized Abelian Principal Connections on Lorentzian Manifolds. Communications in Mathematical Physics, 2014, 330, 123-152.	2.2	26
3	Radiative observables for linearized gravity on asymptotically flat spacetimes and their boundary induced states. Journal of Mathematical Physics, 2014, 55, .	1.1	24
4	A C*-Algebra for Quantized Principal U(1)-Connections on Globally Hyperbolic Lorentzian Manifolds. Communications in Mathematical Physics, 2014, 332, 477-504.	2.2	23
5	Homotopy theory of algebraic quantum field theories. Letters in Mathematical Physics, 2019, 109, 1487-1532.	1.1	23
6	Algebraic Quantum Field Theory on Spacetimes with Timelike Boundary. Annales Henri Poincare, 2018, 19, 2401-2433.	1.7	22
7	Homotopy Colimits and Global Observables in Abelian Gauge Theory. Letters in Mathematical Physics, 2015, 105, 1193-1222.	1.1	17
8	Quantum Field Theories on Categories Fibered in Groupoids. Communications in Mathematical Physics, 2017, 356, 19-64.	2.2	13
9	Higher Structures in Algebraic Quantum Field Theory. Fortschritte Der Physik, 2019, 67, 1910015.	4.4	13
10	Operads for algebraic quantum field theory. Communications in Contemporary Mathematics, 2021, 23, 2050007.	1.2	12
11	Quantum Field Theory on Affine Bundles. Annales Henri Poincare, 2014, 15, 171-211.	1.7	11
12	The Stack of Yang-Mills Fields on Lorentzian Manifolds. Communications in Mathematical Physics, 2018, 359, 765-820.	2.2	11
13	Linear Yang-Mills Theory as a Homotopy AQFT. Communications in Mathematical Physics, 2020, 378, 185-218.	2.2	11
14	Abelian Duality on Globally Hyperbolic Spacetimes. Communications in Mathematical Physics, 2017, 349, 361-392.	2.2	9
15	Optimal space of linear classical observables for Maxwell k-forms via spacelike and timelike compact de Rham cohomologies. Journal of Mathematical Physics, 2016, 57, 053502.	1.1	8
16	Model-Independent Comparison Between Factorization Algebras and Algebraic Quantum Field Theory on Lorentzian Manifolds. Communications in Mathematical Physics, 2020, 377, 971-997.	2.2	8
17	Models of Free Quantum Field Theories on Curved Backgrounds. Letters in Mathematical Physics, 2015, , 75-124.	0.6	8
18	Homotopical Analysis of 4d Chern-Simons Theory and Integrable Field Theories. Communications in Mathematical Physics, 2022, 389, 1417-1443.	2.2	8

#	ARTICLE	IF	CITATIONS
19	Poisson Algebras for Non-Linear Field Theories in the Cahiers Topos. Annales Henri Poincare, 2017, 18, 1435-1464.	1.7	5
20	Hadamard States for Quantum Abelian Duality. Annales Henri Poincare, 2017, 18, 3325-3370.	1.7	4
21	Categorification of algebraic quantum field theories. Letters in Mathematical Physics, 2021, 111, 1.	1.1	3
22	Smooth 1-Dimensional Algebraic Quantum Field Theories. Annales Henri Poincare, 2022, 23, 2069-2111.	1.7	2
23	Relative Cauchy evolution for the vector potential on globally hyperbolic spacetimes. Mathematics and Mechanics of Complex Systems, 2015, 3, 177-210.	0.9	1
24	Cheeger-Simons differential characters with compact support and Pontryagin duality. Communications in Analysis and Geometry, 2019, 27, 1473-1522.	0.4	0