

Alexander Schenkel

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Cosmological and black hole spacetimes in twisted noncommutative gravity. <i>Journal of High Energy Physics</i> , 2009, 2009, 052-052.	4.7	43
2	Noncommutative connections on bimodules and Drinfeld twist deformation. <i>Advances in Theoretical and Mathematical Physics</i> , 2014, 18, 513-612.	0.6	37
3	Nonassociative geometry in quasi-Hopf representation categories I: Bimodules and their internal homomorphisms. <i>Journal of Geometry and Physics</i> , 2015, 89, 111-152.	1.4	33
4	Linear bosonic and fermionic quantum gauge theories on curved spacetimes. <i>General Relativity and Gravitation</i> , 2013, 45, 877-910.	2.0	26
5	Quantized Abelian Principal Connections on Lorentzian Manifolds. <i>Communications in Mathematical Physics</i> , 2014, 330, 123-152.	2.2	26
6	A C^* -Algebra for Quantized Principal $U(1)$ -Connections on Globally Hyperbolic Lorentzian Manifolds. <i>Communications in Mathematical Physics</i> , 2014, 332, 477-504.	2.2	23
7	Homotopy theory of algebraic quantum field theories. <i>Letters in Mathematical Physics</i> , 2019, 109, 1487-1532.	1.1	23
8	Algebraic Quantum Field Theory on Spacetimes with Timelike Boundary. <i>Annales Henri Poincare</i> , 2018, 19, 2401-2433.	1.7	22
9	Homotopy Colimits and Global Observables in Abelian Gauge Theory. <i>Letters in Mathematical Physics</i> , 2015, 105, 1193-1222.	1.1	17
10	Nonassociative geometry in quasi-Hopf representation categories II: Connections and curvature. <i>Journal of Geometry and Physics</i> , 2016, 106, 234-255.	1.4	17
11	Quantum Field Theories on Categories Fibered in Groupoids. <i>Communications in Mathematical Physics</i> , 2017, 356, 19-64.	2.2	13
12	Higher Structures in Algebraic Quantum Field Theory. <i>Fortschritte Der Physik</i> , 2019, 67, 1910015.	4.4	13
13	Operads for algebraic quantum field theory. <i>Communications in Contemporary Mathematics</i> , 2021, 23, 2050007.	1.2	12
14	Quantum Field Theory on Affine Bundles. <i>Annales Henri Poincare</i> , 2014, 15, 171-211.	1.7	11
15	Noncommutative Principal Bundles Through Twist Deformation. <i>Communications in Mathematical Physics</i> , 2017, 352, 287-344.	2.2	11
16	The Stack of Yang-Mills Fields on Lorentzian Manifolds. <i>Communications in Mathematical Physics</i> , 2018, 359, 765-820.	2.2	11
17	Linear Yang-Mills Theory as a Homotopy AQFT. <i>Communications in Mathematical Physics</i> , 2020, 378, 185-218.	2.2	11
18	Homological perspective on edge modes in linear Yang-Mills and Chern-Simons theory. <i>Letters in Mathematical Physics</i> , 2020, 110, 1559-1584.	1.1	11

#	ARTICLE	IF	CITATIONS
19	Symmetry reduction in twisted noncommutative gravity with applications to cosmology and black holes. <i>Journal of High Energy Physics</i> , 2009, 2009, 084-084.	4.7	10
20	Field Theory on Curved Noncommutative Spacetimes. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 2010, , .	0.5	10
21	Locally Covariant Quantum Field Theory with External Sources. <i>Annales Henri Poincare</i> , 2015, 16, 2303-2365.	1.7	9
22	Non-existence of natural states for Abelian Chern-Simons theory. <i>Journal of Geometry and Physics</i> , 2017, 116, 119-123.	1.4	9
23	Abelian Duality on Globally Hyperbolic Spacetimes. <i>Communications in Mathematical Physics</i> , 2017, 349, 361-392.	2.2	9
24	Model-Independent Comparison Between Factorization Algebras and Algebraic Quantum Field Theory on Lorentzian Manifolds. <i>Communications in Mathematical Physics</i> , 2020, 377, 971-997.	2.2	8
25	Homotopical Analysis of 4d Chern-Simons Theory and Integrable Field Theories. <i>Communications in Mathematical Physics</i> , 2022, 389, 1417-1443.	2.2	8
26	Quantization of the massive gravitino on FRW spacetimes. <i>Physical Review D</i> , 2012, 85, .	4.7	7
27	Differential cohomology and locally covariant quantum field theory. <i>Reviews in Mathematical Physics</i> , 2017, 29, 1750003.	1.7	7
28	Algebraic approach to quantum field theory on a class of noncommutative curved spacetimes. <i>General Relativity and Gravitation</i> , 2010, 42, 2785-2798.	2.0	6
29	Supergeometry in Locally Covariant Quantum Field Theory. <i>Communications in Mathematical Physics</i> , 2016, 342, 615-673.	2.2	6
30	Batalin-Vilkovisky quantization of fuzzy field theories. <i>Letters in Mathematical Physics</i> , 2021, 111, 1.	1.1	6
31	Mapping spaces and automorphism groups of toric noncommutative spaces. <i>Letters in Mathematical Physics</i> , 2017, 107, 1591-1628.	1.1	5
32	Poisson Algebras for Non-Linear Field Theories in the Cahiers Topos. <i>Annales Henri Poincare</i> , 2017, 18, 1435-1464.	1.7	5
33	Algebraic field theory operads and linear quantization. <i>Letters in Mathematical Physics</i> , 2019, 109, 2531-2570.	1.1	5
34	Global Anomalies on Lorentzian Space-Times. <i>Annales Henri Poincare</i> , 2017, 18, 2693-2714.	1.7	4
35	High energy improved scalar quantum field theory from noncommutative geometry without UV/IR-mixing. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2010, 694, 258-260.	4.1	3
36	Preferred foliation effects in quantum general relativity. <i>Classical and Quantum Gravity</i> , 2010, 27, 135014.	4.0	3

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37	Categorification of algebraic quantum field theories. Letters in Mathematical Physics, 2021, 111, 1.	1.1	3
38	Relative Cauchy Evolution for Linear Homotopy AQFTs. Communications in Mathematical Physics, 2022, 392, 621-657.	2.2	3
39	Spacetime noncommutativity in models with warped extradimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	2
40	QFT on homothetic Killing twist deformed curved spacetimes. General Relativity and Gravitation, 2011, 43, 2605-2630.	2.0	2
41	Smooth 1-Dimensional Algebraic Quantum Field Theories. Annales Henri Poincare, 2022, 23, 2069-2111.	1.7	2
42	Dirac operators on noncommutative hypersurfaces. Journal of Geometry and Physics, 2020, 158, 103917.	1.4	1
43	On the Relationship between Classical and Deformed Hopf Fibrations. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	1
44	Module parallel transports in fuzzy gauge theory. International Journal of Geometric Methods in Modern Physics, 2014, 11, 1450021.	2.0	0
45	Wavefront sets and polarizations on supermanifolds. Journal of Mathematical Physics, 2017, 58, 023504.	1.1	0
46	Dirac Operators on Noncommutative Curved Spacetimes. Symmetry, Integrability and Geometry: Methods and Applications (SIGMA), 0, , .	0.5	0
47	Cheeger-Simons differential characters with compact support and Pontryagin duality. Communications in Analysis and Geometry, 2019, 27, 1473-1522.	0.4	0