Roland Kirschner

List of Publications by Year in descending order

#	Article	IF	Citations
1	Baxter operators and scattering amplitudes in <mml:math altimg="si1.gif" overflow="scroll" 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://... Nuclear Physics B, ...	2.5	45
2	Reggeon interactions in perturbative QCD. Zeitschrift Für Physik C-Particles and Fields, 1995, 65, 505-510.	1.5	25
3	Heisenberg spin chains based on sâ„"(2|1) symmetry. Nuclear Physics B, 2000, 583, 691-720.	2.5	23
4	Yang€"Baxter -operators and parameter permutations. Nuclear Physics B, 2007, 785, 263-285.	2.5	23
5	Universal -matrix as integral operator. Nuclear Physics B, 2001, 618, 589-616.	2.5	22
6	Baxter operators with deformed symmetry. Nuclear Physics B, 2013, 868, 652-683.	2.5	18
7	Yangian symmetric correlators. Nuclear Physics B, 2013, 877, 484-505.	2.5	16
8	Baxter Q-operators of the XXZ chain and R-matrix factorization. Nuclear Physics B, 2006, 738, 368-390.	2.5	15
9	Universal R operator with deformed conformal symmetry. Nuclear Physics B, 2002, 636, 529-548.	2.5	14
10	Orthogonal and symplectic Yangians and Yang€"Baxter R -operators. Nuclear Physics B, 2016, 904, 124-147.	2.5	13
11	Baxter operators for arbitrary spin. Nuclear Physics B, 2012, 854, 393-432.	2.5	11
12	Baxter operators for arbitrary spin II. Nuclear Physics B, 2012, 854, 433-465.	2.5	9
13	Yangians and Yang€"Baxter R-operators for ortho-symplectic superalgebras. Nuclear Physics B, 2017, 917, 44-85.	2.5	9
14	High-energy Scattering in Gauge Theories and Integrable Spin Chains. Fortschritte Der Physik, 2000, 48, 139-142.	4.4	8
15	Parton interactions in the Bjorken limit of QCD. Physical Review D, 2001, 64, .	4.7	8
16	Parton interaction in super Yang Mills theory. Journal of High Energy Physics, 2004, 2004, 064-064.	4.7	7
17	Small x resummation in collinear factorisation. European Physical Journal C, 2010, 68, 425-446.	3.9	6
18	Correlators with sâ„" 2 Yangian symmetry. Nuclear Physics B, 2017, 914, 1-42.	2.5	6

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19	Spinorial R operator and Algebraic Bethe Ansatz. Nuclear Physics B, 2020, 951, 114905.	2.5	6
20	Iterative Construction of U q (s â„"(n+1)) Representations and Lax Matrix Factorisation. Letters in Mathematical Physics, 2008, 85, 221-234.	1.1	5
21	Integrable chains with Jordan - Schwinger representations. Journal of Physics: Conference Series, 2013, 411, 012018.	0.4	5
22	Yangian and SUSY symmetry of high spin parton splitting amplitudes in generalised Yangâ€"Mills theory. Modern Physics Letters A, 2017, 32, 1750121.	1.2	5
23	Yang-Baxter R-operators for osp superalgebras. Nuclear Physics B, 2021, 965, 115355.	2.5	5
24	Yang-Baxter relations with orthogonal or symplectic symmetry. Journal of Physics: Conference Series, 2016, 670, 012029.	0.4	4
25	Second-order evaluations of orthogonal and symplectic Yangians. Theoretical and Mathematical Physics(Russian Federation), 2017, 192, 1154-1161.	0.9	4
26	Orthogonal and symplectic Yangians: Linear and quadratic evaluations. Nuclear Physics B, 2018, 933, 14-39.	2.5	4
27	Universal R operator with Jordanian deformation of conformal symmetry. Nuclear Physics B, 2004, 681, 295-323.	2.5	3
28	Factorization of the % MathType!MTEF!2!1!+- % feaafiart1ev1aaatCvAUfeBSjuyZL2yd9gzLbvyNv2CaerbuLwBLn % hiov2DGi1BTfMBaeXatLxBI9gBaerbd9wDYLwzYbItLDharqqtubsr % 4rNCHbGeaGqiVu0Je9sqqrpepC0xbbL8F4rqqrFfpeea0xe9Lq-Jc9 % vqaqpepm0xbba9pwe9Q8fs0-yqaqpepae9pg0FirpepeKkFr0xfr-x % fr-xb9adbaqaaeGaciGaaiaabeqaamaabaabaaGcbaWefv3ySLgznf % gDOfdaryqr1ngBPrginfgDObYtUvgaiuaa	0.4	3
29	Symmetric reggeon interaction in perturbative QCD. European Physical Journal C, 2005, 41, 353-359.	3.9	2
30	Orthogonal and Symplectic Yangians and Lie Algebra Representations. Theoretical and Mathematical Physics(Russian Federation), 2019, 198, 239-248.	0.9	2
31	Representations of orthogonal and symplectic Yangians. Nuclear Physics B, 2021, 967, 115402.	2.5	2
32	Yangian symmetric correlators, R operators and amplitudes. Journal of Physics: Conference Series, 2014, 563, 012015.	0.4	1
33	BJORKEN ASYMPTOTICS OF QCD AND INTEGRABLE SYSTEMS. , 2002, , 203-216.		1
34	QCD at High Energies and Yangian Symmetry. Universe, 2018, 4, 124.	2.5	0
35	Orthogonal and symplectic Yangians - representations of the quadratic evaluation. Journal of Physics: Conference Series, 2019, 1194, 012058.	0.4	0