

Roland Kirschner

List of Publications by Year in descending order

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papers

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105
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Yang-Baxter R-operators for osp superalgebras. Nuclear Physics B, 2021, 965, 115355. | 2.5 | 5 |
| 2 | Representations of orthogonal and symplectic Yangians. Nuclear Physics B, 2021, 967, 115402. | 2.5 | 2 |
| 3 | Spinorial R operator and Algebraic Bethe Ansatz. Nuclear Physics B, 2020, 951, 114905. | 2.5 | 6 |
| 4 | Orthogonal and symplectic Yangians - representations of the quadratic evaluation. Journal of Physics: Conference Series, 2019, 1194, 012058. | 0.4 | 0 |
| 5 | Orthogonal and Symplectic Yangians and Lie Algebra Representations. Theoretical and Mathematical Physics(Russian Federation), 2019, 198, 239-248. | 0.9 | 2 |
| 6 | QCD at High Energies and Yangian Symmetry. Universe, 2018, 4, 124. | 2.5 | 0 |
| 7 | Orthogonal and symplectic Yangians: Linear and quadratic evaluations. Nuclear Physics B, 2018, 933, 14-39. | 2.5 | 4 |
| 8 | Correlators with \mathfrak{sl}_2 Yangian symmetry. Nuclear Physics B, 2017, 914, 1-42. | 2.5 | 6 |
| 9 | Yangians and Yang-Baxter R-operators for ortho-symplectic superalgebras. Nuclear Physics B, 2017, 917, 44-85. | 2.5 | 9 |
| 10 | Yangian and SUSY symmetry of high spin parton splitting amplitudes in generalised Yang-Mills theory. Modern Physics Letters A, 2017, 32, 1750121. | 1.2 | 5 |
| 11 | Second-order evaluations of orthogonal and symplectic Yangians. Theoretical and Mathematical Physics(Russian Federation), 2017, 192, 1154-1161. | 0.9 | 4 |
| 12 | Yang-Baxter relations with orthogonal or symplectic symmetry. Journal of Physics: Conference Series, 2016, 670, 012029. | 0.4 | 4 |
| 13 | Orthogonal and symplectic Yangians and Yang-Baxter R-operators. Nuclear Physics B, 2016, 904, 124-147. | 2.5 | 13 |
| 14 | Yang-Baxter operators and scattering amplitudes in \mathfrak{sl}_2 Yangian symmetric correlators, R operators and amplitudes. Journal of Physics: Conference Series, 2014, 563, 012015. | 2.5 | 45 |
| 15 | Yangian symmetric correlators, R operators and amplitudes. Journal of Physics: Conference Series, 2014, 563, 012015. | 0.4 | 1 |
| 16 | Yangian symmetric correlators. Nuclear Physics B, 2013, 877, 484-505. | 2.5 | 16 |
| 17 | Baxter operators with deformed symmetry. Nuclear Physics B, 2013, 868, 652-683. | 2.5 | 18 |
| 18 | Integrable chains with Jordan - Schwinger representations. Journal of Physics: Conference Series, 2013, 411, 012018. | 0.4 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Baxter operators for arbitrary spin II. Nuclear Physics B, 2012, 854, 433-465. | 2.5 | 9 |
| 20 | Baxter operators for arbitrary spin. Nuclear Physics B, 2012, 854, 393-432. | 2.5 | 11 |
| 21 | Small x resummation in collinear factorisation. European Physical Journal C, 2010, 68, 425-446. | 3.9 | 6 |
| 22 | Iterative Construction of $U_q(\mathfrak{sl}(n+1))$ Representations and Lax Matrix Factorisation. Letters in Mathematical Physics, 2008, 85, 221-234. | 1.1 | 5 |
| 23 | Factorization of the $U_q(\mathfrak{sl}(n+1))$ R-matrix. Journal of Mathematical Physics, 2008, 49, 033501. | 0.4 | 3 |
| 24 | Yang-Baxter operators and parameter permutations. Nuclear Physics B, 2007, 785, 263-285. | 2.5 | 23 |
| 25 | Baxter Q-operators of the XXZ chain and R-matrix factorization. Nuclear Physics B, 2006, 738, 368-390. | 2.5 | 15 |
| 26 | Symmetric reggeon interaction in perturbative QCD. European Physical Journal C, 2005, 41, 353-359. | 3.9 | 2 |
| 27 | Parton interaction in super Yang Mills theory. Journal of High Energy Physics, 2004, 2004, 064-064. | 4.7 | 7 |
| 28 | Universal R operator with Jordanian deformation of conformal symmetry. Nuclear Physics B, 2004, 681, 295-323. | 2.5 | 3 |
| 29 | Universal R operator with deformed conformal symmetry. Nuclear Physics B, 2002, 636, 529-548. | 2.5 | 14 |
| 30 | BJORKEN ASYMPTOTICS OF QCD AND INTEGRABLE SYSTEMS. , 2002, , 203-216. | | 1 |
| 31 | Universal R-matrix as integral operator. Nuclear Physics B, 2001, 618, 589-616. | 2.5 | 22 |
| 32 | Parton interactions in the Bjorken limit of QCD. Physical Review D, 2001, 64, . | 4.7 | 8 |
| 33 | High-energy Scattering in Gauge Theories and Integrable Spin Chains. Fortschritte Der Physik, 2000, 48, 139-142. | 4.4 | 8 |
| 34 | Heisenberg spin chains based on $su(2 1)$ symmetry. Nuclear Physics B, 2000, 583, 691-720. | 2.5 | 23 |
| 35 | Reggeon interactions in perturbative QCD. Zeitschrift für Physik C-Particles and Fields, 1995, 65, 505-510. | 1.5 | 25 |