# Martin Kruczenski

List of Publications by Year
in descending order

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|---|---|---|---|
| 31<br>papers | 1,115<br>citations | 516710<br>16<br>h-index | 477307<br>29<br>g-index |
| 31<br>all docs | 31<br>docs citations | 31<br>times ranked | 390<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Spin Chains and String Theory. Physical Review Letters, 2004, 93, 161602. | 7.8 | 233 |
| 2 | A note on twist two operators in Script N = 4 SYM and Wilson loops in Minkowski signature. Journal of High Energy Physics, 2002, 2002, 024-024. | 4.7 | 167 |
| 3 | Spiky strings and single trace operators in gauge theories. Journal of High Energy Physics, 2005, 2005, 014-014. | 4.7 | 145 |
| 4 | Vacua, propagators, and holographic probes in AdS/CFT. Journal of High Energy Physics, 1999, 1999, 002-002. | 4.7 | 98 |
| 5 | Spiky strings and giant magnons onS5. Journal of High Energy Physics, 2006, 2006, 002-002. | 4.7 | 94 |
| 6 | Single spike solutions for strings onS2andS3. Physical Review D, 2007, 76, . | 4.7 | 54 |
| 7 | The O(N) S-matrix monolith. Journal of High Energy Physics, 2020, 2020, 1. | 4.7 | 35 |
| 8 | HOLOGRAPHIC MESONS: ADDING FLAVOR TO THE ADS/CFT DUALITY. International Journal of Modern Physics A, 2005, 20, 3428-3433. | 1.5 | 30 |
| 9 | A note on the S-matrix bootstrap for the 2d O(N) bosonic model. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 30 |
| 10 | Loop equations and bootstrap methods in the lattice. Nuclear Physics B, 2017, 921, 702-726. | 2.5 | 27 |
| 11 | Wilson loops and minimal area surfaces in hyperbolic space. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 25 |
| 12 | Scattering of single spikes. Journal of High Energy Physics, 2008, 2008, 009-009. | 4.7 | 24 |
| 13 | Notes on Euclidean Wilson loops and Riemann theta functions. Physical Review D, 2012, 85, . | 4.7 | 24 |
| 14 | Wilson loops and Riemann theta functions II. Journal of High Energy Physics, 2014, 2014, 1. | 4.7 | 22 |
| 15 | S-matrix bootstrap in 3+1 dimensions: regularization and dual convex problem. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 19 |
| 16 | Shock waves in strongly coupled plasmas. Physical Review D, 2010, 82, . | 4.7 | 17 |
| 17 | Shock waves in strongly coupled plasmas II. Journal of High Energy Physics, 2011, 2011, 1. | 4.7 | 14 |
| 18 | The R-matrix bootstrap for the 2d O(N) bosonic model with a boundary. Journal of High Energy Physics, 2021, 2021, 1. | 4.7 | 11 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Double-helix Wilson loops: case of two angular momenta. Journal of High Energy Physics, 2009, 2009, 014-014. | 4.7 | 9 |
| 20 | Minimal area surfaces dual to Wilson loops and the Mathieu equation. Journal of High Energy Physics, 2016, 2016, 1. | 4.7 | 8 |
| 21 | Minimal area surfaces in AdSn+1 and Wilson loops. Journal of High Energy Physics, 2018, 2018, 1. | 4.7 | 6 |
| 22 | Circuit complexity near critical points. Journal of Physics A: Mathematical and Theoretical, 2022, 55, 185301. | 2.1 | 5 |
| 23 | Loop equation in Lattice gauge theories and bootstrap methods. EPJ Web of Conferences, 2018, 175, 11011. | 0.3 | 4 |
| 24 | Lagrangian Becchi-Rouet-Stora-Tyutin treatment of collective coordinates. Physical Review D, 1996, 53, 7176-7186. | 4.7 | 3 |
| 25 | Rotating Wilson loops and open strings in AdS$_3$. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 075401. | 2.1 | 3 |
| 26 | Euclidean Wilson loops and minimal area surfaces in lorentzian AdS 3. Journal of High Energy Physics, 2015, 2015, 1-35. | 4.7 | 3 |
| 27 | Minimal area surfaces in *AdS*$_3$ through integrability. Journal of Physics A: Mathematical and Theoretical, 2017, 50, 495401. | 2.1 | 2 |
| 28 | The Pollica perspective on the (super)-conformal world. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 303001. | 2.1 | 2 |
| 29 | Minimal Area Surfaces, Euclidean Wilson loops and Riemann Theta Functions. Journal of Physics: Conference Series, 2013, 411, 012017. | 0.4 | 1 |
| 30 | Towards a dual description of QCD. AIP Conference Proceedings, 2007, , . | 0.4 | 0 |
| 31 | Integrability properties of minimal surfaces in hyperbolic space. Journal of Physics: Conference Series, 2018, 965, 012017. | 0.4 | 0 |