

# Igor Klebanov

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

10,038  
citations

41344

49  
h-index

62596

80  
g-index

82  
all docs

82  
docs citations

82  
times ranked

2408  
citing authors



| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Bosonic tensor models at large $N$ and small $\hat{\mu}$ . Physical Review D, 2017, 96, .  | 4.7 | 65        |
| 20 | Yukawa conformal field theories and emergent supersymmetry. Progress of Theoretical and Experimental Physics, 2016, 2016, 12C105.          | 6.6 | 72        |
| 21 | On $C_J$ and $C_T$ in conformal QED. Journal of High Energy Physics, 2016, 2016, 1.  | 4.7 | 41        |
| 22 | On $C_{\{T\}}$ and $C_{\{T\}}$ in the Gross-Neveu and $O(N)$ models. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 405402. | 2.1 | 23        |
| 23 | Accidental symmetries and the conformal bootstrap. Journal of High Energy Physics, 2016, 2016, 1.  | 4.7 | 49        |
| 24 | Conformal QED, F-theorem and the $\hat{\mu}$ expansion. Journal of Physics A: Mathematical and Theoretical, 2016, 49, 135403.              | 2.1 | 69        |
| 25 | Critical $Sp(N)$ models in $6 + \hat{\mu}$ dimensions and higher spin dS/CFT. Journal of High Energy Physics, 2015, 2015, 1.               | 4.7 | 29        |
| 26 | Generalized F-theorem and the $\hat{\mu}$ expansion. Journal of High Energy Physics, 2015, 2015, 1-37.                                     | 4.7 | 24        |
| 27 | Three loop analysis of the critical $O(N)$ models. Journal of High Energy Physics, 2015, 2015, 1-37.                                       | 4.7 | 37        |
| 28 | Interpolating between a and F. Journal of High Energy Physics, 2015, 2015, 1.  | 4.7 | 89        |
| 29 | Critical $O(N)$ models. Journal of High Energy Physics, 2015, 2015, 1-37.  | 4.7 | 37        |
| 30 | Higher spin $AdS$ one loop. Physical Review D, 2014, 89, .   | 4.7 | 41        |
| 31 | Partition functions and Casimir energies in higher spin $AdS$ . Physical Review D, 2014, 90, .   | 4.7 | 41        |
| 32 | A crack in the conformal window. Journal of High Energy Physics, 2013, 2013, 1.  | 4.7 | 28        |
| 33 | $AdS$ description of induced higher-spin gauge theory. Journal of High Energy Physics, 2013, 2013, 1.                                      | 4.7 | 82        |
| 34 | One loop tests of higher spin $AdS/CFT$ . Journal of High Energy Physics, 2013, 2013, 1.   | 4.7 | 114       |
| 35 | Entanglement entropy of 3-d conformal gauge theories with many flavors. Journal of High Energy Physics, 2012, 2012, 1.                     | 4.7 | 62        |
| 36 | Is renormalized entanglement entropy stationary at RG fixed points?. Journal of High Energy Physics, 2012, 2012, 1.                        | 4.7 | 33        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Strange metals in one spatial dimension. Physical Review D, 2012, 86, .   | 4.7 | 23        |
| 38 | Rényi entropies for free field theories. Journal of High Energy Physics, 2012, 2012, 1.   | 4.7 | 90        |
| 39 | On shape dependence and RG flow of entanglement entropy. Journal of High Energy Physics, 2012, 2012, 1.                                   | 4.7 | 67        |
| 40 | Towards the F-theorem: $\mathcal{N} = 2$ field theories on the three-sphere. Journal of High Energy Physics, 2011, 2011, 1.               | 4.7 | 357       |
| 41 | M-branes and metastable states. Journal of High Energy Physics, 2011, 2011, 1.  | 4.7 | 29        |
| 42 | F-theorem without supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.   | 4.7 | 206       |
| 43 | Charges of monopole operators in Chern-Simons Yang-Mills theory. Journal of High Energy Physics, 2010, 2010, 1.                           | 4.7 | 77        |
| 44 | Emergent quantum near-criticality from baryonic black branes. Journal of High Energy Physics, 2010, 2010, 1.                              | 4.7 | 29        |
| 45 | D3-brane potentials from fluxes in AdS/CFT. Journal of High Energy Physics, 2010, 2010, 1.  | 4.7 | 108       |
| 46 | Membranes with topological charge and $\text{AdS}_4$ . Physical Review D, 2010, 81, .   | 4.7 | 20        |
| 47 | $\text{AdS}_4/\text{CFT}_3$ squashed, stretched and warped. Journal of High Energy Physics, 2009, 2009, 140-140.                          | 4.7 | 65        |
| 48 | M2-branes on orbifolds of the cone over $Q^{1,1,1}$ . Journal of High Energy Physics, 2009, 2009, 033-033.                                | 4.7 | 66        |
| 49 | Holographic systematics of D-brane inflation. Journal of High Energy Physics, 2009, 2009, 093-093.  | 4.7 | 72        |
| 50 | Superconformal Chern-Simons theories and $\text{AdS}_4/\text{CFT}_3$ correspondence. Journal of High Energy Physics, 2008, 2008, 072-072. | 4.7 | 313       |
| 51 | Entanglement as a probe of confinement. Nuclear Physics B, 2008, 796, 274-293.  | 2.5 | 317       |
| 52 | Gauge-String Dualities and some Applications. Les Houches Summer School Proceedings, 2008, 87, 611-662.                                   | 0.2 | 9         |
| 53 | Towards an explicit model of D-brane inflation. Journal of Cosmology and Astroparticle Physics, 2008, 2008, 024.                          | 5.4 | 183       |
| 54 | Gauge/gravity duality and warped resolved conifold. Journal of High Energy Physics, 2007, 2007, 042-042.                                  | 4.7 | 62        |

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|----|--|-----|-----------|
| 55 | Baryonic condensates on the conifold. <i>Journal of High Energy Physics</i> , 2007, 2007, 034-034.   | 4.7 | 15        |
| 56 | A Delicate Universe: Compactification Obstacles to D-brane Inflation. <i>Physical Review Letters</i> , 2007, 99, 141601.   | 7.8 | 133       |
| 57 | On the moduli space of the cascading $SU(M+p) \tilde{A}-SU(p)$ gauge theory. <i>Journal of High Energy Physics</i> , 2006, 2006, 155-155.                                    | 4.7 | 104       |
| 58 | On D3-brane potentials in compactifications with fluxes and wrapped D-branes. <i>Journal of High Energy Physics</i> , 2006, 2006, 031-031.                                   | 4.7 | 185       |
| 59 | Cascading RG Flows from New Sasaki-Einstein Manifolds. <i>Journal of High Energy Physics</i> , 2005, 2005, 009-009.  | 4.7 | 76        |
| 60 | Perturbative search for fixed lines in large- $N$ gauge theories. <i>Journal of High Energy Physics</i> , 2005, 2005, 011-011.   | 4.7 | 70        |
| 61 | Perturbative gauge theory and closed string tachyons. <i>Journal of High Energy Physics</i> , 2005, 2005, 038-038.   | 4.7 | 54        |
| 62 | Symmetry Breaking and Axionic Strings in the Warped Deformed Conifold. <i>Journal of High Energy Physics</i> , 2004, 2004, 036-036.  | 4.7 | 93        |
| 63 | Variations on the warped deformed conifold. <i>Comptes Rendus Physique</i> , 2004, 5, 1031-1038.   | 0.9 | 36        |
| 64 | A universal result on central charges in the presence of double-trace deformations. <i>Nuclear Physics B</i> , 2003, 656, 23-36.   | 2.5 | 169       |
| 65 | Gravity dual of the chiral anomaly. <i>Physical Review D</i> , 2002, 65, .   | 4.7 | 72        |
| 66 | Supergravity and a confining gauge theory: duality cascades and $\tilde{A}$ -resolution of naked singularities. <i>Journal of High Energy Physics</i> , 2000, 2000, 052-052. | 4.7 | 1,387     |
| 67 | Gravity duals of fractional branes and logarithmic RG flow. <i>Nuclear Physics B</i> , 2000, 574, 263-274.   | 2.5 | 175       |
| 68 | Gravity duals of supersymmetric gauge theories. <i>Nuclear Physics B</i> , 2000, 578, 123-138.   | 2.5 | 434       |
| 69 | Ads/CFT correspondence and symmetry breaking. <i>Nuclear Physics B</i> , 1999, 556, 89-114.  | 2.5 | 968       |
| 70 | Coupling constant dependence in the thermodynamics of $N = 4$ supersymmetric Yang-Mills theory. <i>Nuclear Physics B</i> , 1998, 534, 202-222.                               | 2.5 | 353       |
| 71 | Superconformal field theory on threebranes at a Calabi-Yau singularity. <i>Nuclear Physics B</i> , 1998, 536, 199-218.   | 2.5 | 880       |
| 72 | Baryons and domain walls in an $N=1$ superconformal gauge theory. <i>Physical Review D</i> , 1998, 58, .   | 4.7 | 144       |

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 73 | Spectrum of a largeN gauge theory near the transition from confinement to screening. Physical Review D, 1998, 57, 6420-6428. | 4.7 | 42        |
| 74 | Screening versus confinement in 1 + 1 dimensions. Nuclear Physics B, 1996, 461, 109-130.                                     | 2.5 | 129       |
| 75 | D-brane boundary state dynamics. Nuclear Physics B, 1996, 465, 473-484.  | 2.5 | 108       |
| 76 | MATRIX MODEL APPROACH TO $d > 2$ NONCRITICAL SUPERSTRINGS. Modern Physics Letters A, 1995, 10, 2639-2649.                    | 1.2 | 9         |
| 77 | Glueball spectrum in a (1 + 1)-dimensional model for QCD. Nuclear Physics B, 1994, 418, 15-29.                               | 2.5 | 67        |
| 78 | (1+1)-dimensional large-NQCD coupled to adjoint fermions. Physical Review D, 1993, 48, 4980-4990.                            | 4.7 | 97        |
| 79 | String spectrum of (1 + 1)-dimensional large-NQCD with adjoint matter. Physical Review D, 1993, 47, 2517-2527.               | 4.7 | 110       |
| 80 | Vortices and the non-singlet sector of the $c = 1$ matrix model. Nuclear Physics B, 1991, 354, 459-474.                      | 2.5 | 72        |
| 81 | The Aharonov-Bohm Effect Without Gauge Fields - A Paradox. , 1991, , .   |     | 0         |
| 82 | One-dimensional string theory on a circle. Nuclear Physics B, 1990, 344, 475-498.  | 2.5 | 206       |