

# Anastasios Christou Petkou

## List of Publications by Year in descending order

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36  
papers

913  
citations

393982

19  
h-index

454577

30  
g-index

36  
all docs

36  
docs citations

36  
times ranked

455  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Aspects of holography of Taub-NUT- $\text{AdS}_4$ spacetimes. Physical Review D, 2021, 103, .  |     |           |
| 2  | Thermal one-point functions and single-valued polylogarithms. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 820, 136467. | 1.5 | 3         |
| 3  | Torsion/nonmetricity duality in $f(R)$ gravity. General Relativity and Gravitation, 2019, 51, 1.   | 0.7 | 33        |
| 4  | The fermion-boson map for large $d$ . Nuclear Physics B, 2019, 941, 195-224.   | 0.9 | 7         |
| 5  | Raychaudhuri equation in spacetimes with torsion and nonmetricity. Physical Review D, 2018, 98, .  | 1.6 | 26        |
| 6  | Flat holography and Carrollian fluids. Journal of High Energy Physics, 2018, 2018, 1.  | 1.6 | 81        |
| 7  | Dynamics of Finite-Temperature Conformal Field Theories from Operator Product Expansion Inversion Formulas. Physical Review Letters, 2018, 121, 071602.            | 2.9 | 12        |
| 8  | 3d fermion-boson map with imaginary chemical potential. Physical Review D, 2017, 95, .   | 1.6 | 8         |
| 9  | The analytic structure of conformal blocks and the generalized Wilson-Fisher fixed points. Journal of High Energy Physics, 2017, 2017, 1.                          | 1.6 | 42        |
| 10 | Generalized Wilson-Fisher Critical Points from the Conformal Operator Product Expansion. Physical Review Letters, 2017, 118, 061601.                               | 2.9 | 36        |
| 11 | The free $\mathcal{N}=4$ SCFTs. Journal of High Energy Physics, 2016, 2016, 1.   | 1.6 | 12        |
| 12 | Petrov classification and holographic reconstruction of spacetime. Journal of High Energy Physics, 2015, 2015, 1.  | 1.6 | 15        |
| 13 | Instantons and the Hartle-Hawking-Maldacena proposal for $dS/CFT$ . Journal of High Energy Physics, 2014, 2014, 1.   | 1.6 | 2         |
| 14 | Holographic perfect fluidity, Cotton energy-momentum duality and transport properties. Journal of High Energy Physics, 2014, 2014, 1.                              | 1.6 | 21        |
| 15 | Holographic fluids with vorticity and analogue gravity. Journal of High Energy Physics, 2012, 2012, 1.   | 1.6 | 23        |
| 16 | Holographic three-dimensional fluids with nontrivial vorticity. Physical Review D, 2012, 85, .   | 1.6 | 17        |
| 17 | Holographic Torsion and the Prelude to Kalb-Ramond Superconductivity. Lecture Notes in Physics, 2011, , 395-422.   | 0.3 | 0         |
| 18 | Stochastic quantization and AdS/CFT. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 685, 215-221.                         | 1.5 | 14        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Gauge Fields, Membranes, and Subdeterminant Vector Models. <i>Physical Review Letters</i> , 2010, 104, 221801.  | 2.9 | 3         |
| 20 | Torsion and the Gravity Dual of Parity Breaking in AdS <sub>4</sub> /CFT <sub>3</sub> Holography. <i>Journal of High Energy Physics</i> , 2009, 2009, 033-033.  | 1.6 | 21        |
| 21 | An $N=1$ superfield action for M2 branes. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2008, 666, 527-532.   | 1.5 | 53        |
| 22 | Higher spin gauge fields interacting with scalars: the Lagrangian cubic vertex. <i>Journal of High Energy Physics</i> , 2007, 2007, 021-021.  | 1.6 | 51        |
| 23 | Conformally Coupled Scalars, Instantons, and Vacuum Instability in 4D Anti-de Sitter Space. <i>Physical Review Letters</i> , 2007, 98, 231601.  | 2.9 | 61        |
| 24 | Gravitational duality transformations on (A)dS <sub>4</sub> . <i>Journal of High Energy Physics</i> , 2007, 2007, 079-079.  | 1.6 | 30        |
| 25 | Constructing the cubic interaction vertex of higher spin gauge fields. <i>Physical Review D</i> , 2006, 74, .   | 1.6 | 73        |
| 26 | Noncritical M-theory and the Gross-Neveu model in $d=2$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 320-326.   | 1.5 | 0         |
| 27 | Instantons and conformal holography. <i>Journal of High Energy Physics</i> , 2006, 2006, 076-076.   | 1.6 | 28        |
| 28 | SL(2, $\mathbb{Z}$ ) action on three-dimensional CFTs and holography. <i>Journal of High Energy Physics</i> , 2003, 2003, 020-020.  | 1.6 | 76        |
| 29 | Perturbative and instanton corrections to the OPE of CPOs in. <i>Nuclear Physics B</i> , 2001, 602, 238-260.  | 0.9 | 60        |
| 30 | Dynamical Aspects of $N = 4$ SYM <sub>4</sub> . <i>Fortschritte Der Physik</i> , 2001, 49, 617.   | 1.5 | 0         |
| 31 | Analyticity of AdS scalar exchange graphs in the crossed channel. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 478, 320-326.   | 1.5 | 19        |
| 32 | R-currents and trace anomalies in the (2,0) tensor multiplet in d=6 and AdS/CFT correspondence. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2000, 483, 264-270.           | 1.5 | 9         |
| 33 | Aspects of the conformal operator product expansion in $\mathcal{N}=4$ AdS/CFT correspondence. <i>Advances in Theoretical and Mathematical Physics</i> , 2000, 4, 571-615.  | 0.4 | 26        |
| 34 | Finite-size effects and operator product expansions in a CFT for $d > 2$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 446, 306-313.                                | 1.5 | 12        |
| 35 | On the free-energy of three-dimensional CFTs and polylogarithms. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 456, 147-154.  | 1.5 | 11        |
| 36 | Operator product expansions and consistency relations in a $O(N)$ invariant fermionic CFT for $2 < d < 4$ . <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 389, 18-28. | 1.5 | 21        |