

Silviu S Pufu

List of Publications by Year in descending order

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78
papers

5,041
citations

61984

43
h-index

85541

71
g-index

79
all docs

79
docs citations

79
times ranked

1740
citing authors

#	ARTICLE	IF	CITATIONS
1	The holographic contributions to the sphere free energy. Journal of High Energy Physics, 2022, 2022, 1.	4.7	3
2	A bispinor formalism for spinning Witten diagrams. Journal of High Energy Physics, 2022, 2022, 1.	4.7	5
3	The $\mathcal{N} = 2$ prepotential and the sphere free energy. Journal of High Energy Physics, 2022, 2022, .	4.7	2
4	Far beyond the planar limit in strongly-coupled $\mathcal{N} = 4$ SYM. Journal of High Energy Physics, 2021, 2021, 1.	4.7	51
5	New modular invariants in $\mathcal{N} = 4$ Super-Yang-Mills theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	43
6	The 3d $\mathcal{N} = 6$ bootstrap: from higher spins to strings to membranes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	12
7	Modular invariance in superstring theory from $\mathcal{N} = 4$ super-Yang-Mills. Journal of High Energy Physics, 2020, 2020, 1.	4.7	49
8	$\langle \mathcal{O} \rangle$	4.7	36
9	AdS ₄ /CFT ₃ from weak to strong string coupling. Journal of High Energy Physics, 2020, 2020, 1.	4.7	37
10	The M-theory archipelago. Journal of High Energy Physics, 2020, 2020, 1.	4.7	37
11	Absence of D4R4 in M-theory from ABJM. Journal of High Energy Physics, 2020, 2020, 1.	4.7	33
12	Chern-Simons theory from M5-branes and calibrated M2-branes. Journal of High Energy Physics, 2019, 2019, 1.	4.7	20
13	An exact quantization of Jackiw-Teitelboim gravity. Journal of High Energy Physics, 2019, 2019, 1.	4.7	63
14	Coulomb branch quantization and abelianized monopole bubbling. Journal of High Energy Physics, 2019, 2019, 1.	4.7	36
15	$\mathcal{N} = 4$ Super-Yang-Mills correlators at strong coupling from string theory and localization. Journal of High Energy Physics, 2019, 2019, 1.	4.7	78
16	Bootstrapping 3D fermions with global symmetries. Journal of High Energy Physics, 2018, 2018, 1.	4.7	64
17	Coulomb branch operators and mirror symmetry in three dimensions. Journal of High Energy Physics, 2018, 2018, 1.	4.7	58
18	A new duality between $\mathcal{N} = 8$ superconformal field theories in three dimensions. Journal of High Energy Physics, 2018, 2018, 1.	4.7	15

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37	Scaling dimensions of monopole operators in the $\mathbb{C}\{\mathrm{P}\}^{\wedge_{N_b-1}}$ theory in $2 + 1$ dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	40
38	Exact correlators of BPS Operators from the 3d superconformal bootstrap. Journal of High Energy Physics, 2015, 2015, 1.	4.7	99
39	The $N = 8$ superconformal bootstrap in three dimensions. Journal of High Energy Physics, 2014, 2014, 1.	4.7	112
40	Anomalous dimensions of monopole operators in three-dimensional quantum electrodynamics. Physical Review D, 2014, 89, .	4.7	47
41	Three-sphere free energy for classical gauge groups. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
42	The holography of F -maximization. Journal of High Energy Physics, 2014, 2014, 1.	4.7	81
43	Exact results for five-dimensional superconformal field theories with gravity duals. Journal of High Energy Physics, 2014, 2014, 1.	4.7	76
44	Holography for $N = 2^*$ on S^4 . Journal of High Energy Physics, 2014, 2014, 1.	4.7	75
45	AdS description of induced higher-spin gauge theory. Journal of High Energy Physics, 2013, 2013, 1.	4.7	82
46	Monopoles in $2 + 1$ -dimensional conformal field theories with global $U(1)$ symmetry. Journal of High Energy Physics, 2013, 2013, 1.	4.7	25
47	Entanglement entropy of 3-d conformal gauge theories with many flavors. Journal of High Energy Physics, 2012, 2012, 1.	4.7	62
48	Is renormalized entanglement entropy stationary at RG fixed points?. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
49	Rényi entropies for free field theories. Journal of High Energy Physics, 2012, 2012, 1.	4.7	90
50	On shape dependence and RG flow of entanglement entropy. Journal of High Energy Physics, 2012, 2012, 1.	4.7	67
51	Green's functions and non-singlet glueballs on deformed conifolds. Journal of Physics A: Mathematical and Theoretical, 2011, 44, 055404.	2.1	4
52	Multimatrix models and tri-Sasaki Einstein spaces. Physical Review D, 2011, 83, .	4.7	92
53	Towards the F-theorem: $N = 2$ field theories on the three-sphere. Journal of High Energy Physics, 2011, 2011, 1.	4.7	357
54	M-branes and metastable states. Journal of High Energy Physics, 2011, 2011, 1.	4.7	29

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55	F-theorem without supersymmetry. Journal of High Energy Physics, 2011, 2011, 1.	4.7	206
56	Operator counting and eigenvalue distributions for 3D supersymmetric gauge theories. Journal of High Energy Physics, 2011, 2011, 1.	4.7	25
57	From necklace quivers to the F -theorem, operator counting, and T (U(N)). Journal of High Energy Physics, 2011, 2011, 1.	4.7	64
58	ENERGY LOSS IN A STRONGLY COUPLED THERMAL MEDIUM AND THE GAUGE-STRING DUALITY. , 2010, , 1-59.		3
59	Emergent quantum near-criticality from baryonic black branes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	29
60	Quantum critical superconductors in string theory and M-theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2010, 683, 201-204.	4.1	76
61	Membranes with topological charge and $\langle \text{AdS}^4 \rangle$. Physical Review D, 2010, 81, .	4.7	20
62	Off-center collisions in AdS5 with applications to multiplicity estimates in heavy-ion collisions. Journal of High Energy Physics, 2009, 2009, 050-050.	4.7	61
63	The second sound of SU(2). Journal of High Energy Physics, 2009, 2009, 126-126.	4.7	62
64	The squashed, stretched, and warped gets perturbed. Journal of High Energy Physics, 2009, 2009, 019-019.	4.7	32
65	Superconductors from Superstrings. Physical Review Letters, 2009, 103, 141601.	7.8	200
66	Master field treatment of metric perturbations sourced by the trailing string. Nuclear Physics B, 2008, 790, 42-71.	2.5	28
67	Entropy production in collisions of gravitational shock waves and of heavy ions. Physical Review D, 2008, 78, .	4.7	99
68	Glue energy loss in the gauge-string duality. Journal of High Energy Physics, 2008, 2008, 052-052.	4.7	108
69	Bulk viscosity of strongly coupled plasmas with holographic duals. Journal of High Energy Physics, 2008, 2008, 085-085.	4.7	117
70	The gravity dual of a p -wave superconductor. Journal of High Energy Physics, 2008, 2008, 033-033.	4.7	326
71	Shock waves from heavy-quark mesons in AdS/CFT. Journal of High Energy Physics, 2008, 2008, 108-108.	4.7	21
72	Sonic Booms and Diffusion Wakes Generated by a Heavy Quark in Thermal Gauge-String Duality. Physical Review Letters, 2008, 100, 012301.	7.8	83

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73	Thermodynamics and Bulk Viscosity of Approximate Black Hole Duals to Finite Temperature Quantum Chromodynamics. Physical Review Letters, 2008, 101, 131601.	7.8	205
74	Energy disturbances due to a moving quark from gauge-string duality. Journal of High Energy Physics, 2007, 2007, 108-108.	4.7	43
75	Low-lying gravitational modes in the scalar sector of the global AdS ₄ black hole. Journal of High Energy Physics, 2007, 2007, 023-023.	4.7	38
76	Stability of strings binding heavy-quark mesons. Journal of High Energy Physics, 2007, 2007, 079-079.	4.7	21
77	Expanding plasmas and quasinormal modes of anti-de Sitter black holes. Journal of High Energy Physics, 2007, 2007, 080-080.	4.7	87
78	Stress tensor of a quark moving through N=4 thermal plasma. Physical Review D, 2007, 75, .	4.7	58