

# Wolfgang Mueck

## List of Publications by Year in descending order

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45  
papers

959  
citations

471509

17  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformal field theory correlators from classical scalar field theory on anti-de Sitter space. Physical Review D, 1998, 58, .	4.7	135
2	Holographic renormalization and Ward identities with the Hamilton-Jacobi method. Nuclear Physics B, 2003, 654, 248-276.	2.5	91
3	Bulk dynamics in confining gauge theories. Nuclear Physics B, 2006, 736, 82-132.	2.5	81
4	An improved correspondence formula for AdS/CFT with multi-trace operators. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2002, 531, 301-304.	4.1	74
5	Glueballs vs. gluinoballs: Fluctuation spectra in non-AdS/non-CFT. Nuclear Physics B, 2008, 789, 1-44.	2.5	73
6	New results on holographic three-point functions. Journal of High Energy Physics, 2003, 2003, 052-052.	4.7	48
7	Geodesics and Newton's law in brane backgrounds. Physical Review D, 2000, 62, .	4.7	44
8	Effective fluid description of the dark universe. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2018, 776, 242-248.	4.1	44
9	Holographic Renormalisation and Anomalies. Journal of High Energy Physics, 2001, 2001, 036-036.	4.7	28
10	Correlation functions in holographic renormalization group flows. Nuclear Physics B, 2002, 620, 477-500.	2.5	27
11	Very special relativity in curved space-times. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2008, 670, 95-98.	4.1	27
12	Quantum portrait of a black hole with Pöschl-Teller potential. Journal of High Energy Physics, 2014, 2014, 1.	4.7	24
13	Counting photons in static electric and magnetic fields. European Physical Journal C, 2013, 73, 1.	3.9	23
14	One-loop effective action of the holographic antisymmetric Wilson loop. Physical Review D, 2012, 85, .	4.7	22
15	On the phase transition of conformal field theories with holographic duals. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2001, 522, 139-144.	4.1	19
16	On the number of soft quanta in classical field configurations. Canadian Journal of Physics, 2014, 92, 973-975.	1.1	18
17	Conformal primary basis for Dirac spinors. Physical Review D, 2020, 102, .	4.7	18
18	Spinor parallel propagator and Green function in maximally symmetric spaces. Journal of Physics A, 2000, 33, 3021-3026.	1.6	17

#	ARTICLE	IF	CITATIONS
19	Polyakov loop of antisymmetric representations as a quantum impurity model. Physical Review D, 2011, 83, .	4.7	12
20	Hawking radiation is corpuscular. European Physical Journal C, 2016, 76, 1.	3.9	12
21	Calculated spin and angular resolved photoelectron diffraction spectra for magnetite. Surface Science, 1996, 357-358, 260-264.	1.9	10
22	Perturbative and non-perturbative aspects of pure Script $N = 1$ super Yang-Mills theory from wrapped branes. Journal of High Energy Physics, 2003, 2003, 013-013.	4.7	10
23	Stretched horizon and entropy of superstars. Journal of High Energy Physics, 2007, 2007, 063-063.	4.7	10
24	Generalized supergravity equations and generalized Fradkin-Tseytlin counterterm. Journal of High Energy Physics, 2019, 2019, 1.	4.7	10
25	A regularization scheme for the AdS/CFT correspondence. Journal of High Energy Physics, 1999, 1999, 018-018.	4.7	7
26	Photons in a ball. European Physical Journal C, 2015, 75, 1.	3.9	7
27	Antisymmetric Wilson loops in $\mathcal{N}=4$ SYM: from exact results to non-planar corrections. Journal of High Energy Physics, 2018, 2018, 1.	4.7	7
28	Reparameterization dependence is useful for holographic complexity. Journal of High Energy Physics, 2021, 2021, 1.	4.7	7
29	Towards holographic renormalization of fake supergravity. Nuclear Physics B, 2009, 815, 215-239.	2.5	6
30	Wess-Zumino model and the AdS $^4$ -CFT $^3$ correspondence. Physical Review D, 1999, 60, .	4.7	5
31	Progress on holographic three-point functions. Fortschritte Der Physik, 2005, 53, 948-954.	4.4	5
32	Running scaling dimensions in holographic renormalization group flows. Journal of High Energy Physics, 2010, 2010, 1.	4.7	5
33	Note on generating functions and connected correlators of 1/2-BPS Wilson loops in $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	5
34	Spectral functions in holographic renormalization group flows. Journal of High Energy Physics, 2009, 2009, 060-060.	4.7	4
35	Spectra of certain holographic ABJM Wilson loops in higher rank representations. Journal of High Energy Physics, 2016, 2016, 1.	4.7	4
36	Ladder operators for the Klein-Gordon equation with a scalar curvature term. Physical Review D, 2018, 97, .	4.7	4

#	ARTICLE	IF	CITATIONS
37	Combinatorics of Wilson loops in $\mathcal{N} = 4$ SYM theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	4
38	Holographic Renormalization of Two-Point Functions in Non-AdS/Non-CFT. Advances in High Energy Physics, 2010, 2010, 1-43.	1.1	3
39	Magnetic behaviour of rhodium on silver (001). Surface Science, 1994, 307-309, 1091-1095.	1.9	2
40	Reparametrization dependence and holographic complexity of black holes. Physical Review D, 2022, 105, .	4.7	2
41	Ideas on the semi-Classical Path Integral over Embedded Manifolds. Fortschritte Der Physik, 2001, 49, 607.	4.4	1
42	Holographic renormalization and Ward identities with the Hamilton-Jacobi method. Classical and Quantum Gravity, 2003, 20, S559-S566.	4.0	1
43	Gauge/String Duality. Advances in High Energy Physics, 2010, 2010, 1-4.	1.1	1
44	Exact $1/N$ expansion of Wilson loop correlators in $\mathcal{N} = 4$ Super-Yang-Mills theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	1
45	Phase transitions of CFTs with holographic duals. Fortschritte Der Physik, 2002, 50, 942-945.	4.4	0