

Kellogg S Stelle

List of Publications by Year in descending order

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66
papers

5,240
citations

236833

25
h-index

149623

56
g-index

71
all docs

71
docs citations

71
times ranked

1824
citing authors

#	ARTICLE	IF	CITATIONS
1	Renormalization of higher-derivative quantum gravity. <i>Physical Review D</i> , 1977, 16, 953-969.	1.6	1,854
2	Classical gravity with higher derivatives. <i>General Relativity and Gravitation</i> , 1978, 9, 353-371.	0.7	973
3	Universe as a domain wall. <i>Physical Review D</i> , 1999, 59, .	1.6	472
4	Renormalizability Properties of Supergravity. <i>Physical Review Letters</i> , 1977, 38, 527-530.	2.9	231
5	Spontaneously broken de Sitter symmetry and the gravitational holonomy group. <i>Physical Review D</i> , 1980, 21, 1466-1488.	1.6	224
6	Black Holes in Higher Derivative Gravity. <i>Physical Review Letters</i> , 2015, 114, 171601.	2.9	171
7	Area-preserving diffeomorphisms and higher-spin algebras. <i>Communications in Mathematical Physics</i> , 1990, 128, 213-230.	1.0	163
8	Spherically symmetric solutions in higher-derivative gravity. <i>Physical Review D</i> , 2015, 92, .	1.6	116
9	Hamiltonian formulation of supergravity. <i>Physical Review D</i> , 1977, 16, 2448-2455.	1.6	102
10	$N=1, d=6$ harmonic superspace. <i>Classical and Quantum Gravity</i> , 1985, 2, 815-821.	1.5	82
11	The ultra-violet question in maximally supersymmetric field theories. <i>General Relativity and Gravitation</i> , 2009, 41, 919-981.	0.7	69
12	The vanishing volume of $D=4$ superspace. <i>Classical and Quantum Gravity</i> , 2011, 28, 215005.	1.5	68
13	On duality symmetries of supergravity invariants. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	58
14	Supersymmetry and the neutron electric dipole moment. <i>Physical Review D</i> , 1991, 43, 3085-3088.	1.6	56
15	de Sitter gauge invariance and the geometry of the Einstein-Cartan theory. <i>Journal of Physics A</i> , 1979, 12, L205-L210.	1.6	48
16	Multiplet structures of BPS solitons. <i>Classical and Quantum Gravity</i> , 1998, 15, 537-561.	1.5	47
17	A note on the UV behaviour of maximally supersymmetric Yang-Mills theories. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2009, 682, 137-142.	1.5	44
18	THE ULTRAVIOLET PROPERTIES OF SUPERSYMMETRIC FIELD THEORIES. <i>International Journal of Modern Physics A</i> , 1989, 04, 1871-1912.	0.5	41

#	ARTICLE	IF	CITATIONS
19	Lichnerowicz modes and black hole families in Ricci quadratic gravity. <i>Physical Review D</i> , 2017, 96, .	1.6	36
20	A supersymmetric type IIB Randall–Sundrum realization. <i>Journal of Mathematical Physics</i> , 2001, 42, 3027-3047.	0.5	30
21	Anomalies and divergences in http://www.w3.org/1998/Math/MathML altimg="si1.gif" overflow="scroll"><mml:mi mathvariant="script">N</mml:mi><mml:mo>=</mml:mo><mml:mn>4</mml:mn></mml:math> supergravity. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 719, 424-429.	1.5	30
22	Invariants and divergences in half-maximal supergravity theories. <i>Journal of High Energy Physics</i> , 2013, 2013, 1.	1.6	29
23	Integral invariants in maximally supersymmetric Yang-Mills theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	27
24	Safe beginning for the Universe?. <i>Physical Review D</i> , 2019, 100, .	1.6	26
25	Finiteness of (4, 0) supersymmetric sigma models. <i>Classical and Quantum Gravity</i> , 1987, 4, 501-508.	1.5	25
26	Gravitational multi-NUT solitons, Komar masses and charges. <i>General Relativity and Gravitation</i> , 2009, 41, 1367-1379.	0.7	23
27	Vanishing of the supermembrane partition function. <i>Classical and Quantum Gravity</i> , 1988, 5, L127-L133.	1.5	20
28	Abdus Salam and quadratic curvature gravity: Classical solutions. <i>International Journal of Modern Physics A</i> , 2017, 32, 1741012.	0.5	17
29	Stability of Hořava–Witten spacetimes. <i>Classical and Quantum Gravity</i> , 2005, 22, 2589-2605.	1.5	16
30	BPS Branes in Supergravity. , 1999, , 257-351.		16
31	Kaluza–Klein induced supersymmetry breaking for braneworlds in type IIB supergravity. <i>Nuclear Physics B</i> , 2008, 790, 89-110.	0.9	14
32	Ectoplasm with an edge. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	13
33	D =7/D =6 heterotic supergravity with gauged R-symmetry. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	1.6	12
34	Large gauge transformations in M-theory. <i>Journal of Geometry and Physics</i> , 2003, 48, 100-132.	0.7	11
35	Braneworld localisation in hyperbolic spacetime. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	1.6	11
36	The Witten index for the supermembrane. <i>Classical and Quantum Gravity</i> , 1988, 5, L161-L168.	1.5	9

#	ARTICLE	IF	CITATIONS
37	Finite after all?. Nature Physics, 2007, 3, 448-450.	6.5	6
38	Black holes in D = 4 higher-derivative gravity. International Journal of Modern Physics A, 2015, 30, 1545016.	0.5	6
39	Taxonomy of brane gravity localisations. Journal of High Energy Physics, 2022, 2022, 1.	1.6	6
40	Is N = 8 supergravity a finite field theory?. Fortschritte Der Physik, 2009, 57, 446-450.	1.5	5
41	Mass gaps and braneworlds. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 204002.	0.7	4
42	Nonlinear realizations of w 1+ infinity. Classical and Quantum Gravity, 1993, 10, 19-36.	1.5	3
43	Wessâ€Zumino sigma models with non-KÃhlerian geometry. Classical and Quantum Gravity, 2003, 20, 5195-5204.	1.5	3
44	ULTRAVIOLET INFINITIES AND COUNTERTERMS IN SUPERSYMMETRIC THEORIES. International Journal of Geometric Methods in Modern Physics, 2012, 09, 1261013.	0.8	3
45	Field redefinition's help in constructing non-abelian gauge theories. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2019, 798, 135007.	1.5	3
46	THE QUANTIZATION OF THE SUPERMEMBRANE. International Journal of Modern Physics A, 1989, 04, 4037-4054.	0.5	2
47	Revisiting supergravity and super Yang-Mills renormalization. AIP Conference Proceedings, 2001, , .	0.3	2
48	String Theory, Unification and Quantum Gravity. Lecture Notes in Physics, 2013, , 3-30.	0.3	2
49	Covert symmetry breaking. Journal of High Energy Physics, 2020, 2020, 1.	1.6	2
50	Supergravity braneworlds. Classical and Quantum Gravity, 2001, 18, 3215-3222.	1.5	1
51	On fields and charges in M-theory.. Fortschritte Der Physik, 2002, 50, 903-908.	1.5	1
52	Special-holonomy manifolds and quartic-curvature string corrections. Fortschritte Der Physik, 2004, 52, 690-695.	1.5	1
53	Generalized holonomy in String-corrected Spacetimes. Journal of Physics: Conference Series, 2006, 33, 182-190.	0.3	1
54	Consistent Pauli sphere reductions and the action. Nuclear Physics B, 2007, 782, 79-93.	0.9	1

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55	Non-renormalization theorems in maximal supergravity. Proceedings of the Steklov Institute of Mathematics, 2011, 272, 246-255.	0.1	1
56	Chiral reductions in the Salam-Sezgin model. Journal of High Energy Physics, 2012, 2012, 1.	1.6	1
57	COUNTERTERMS, HOLONOMY AND SUPERSYMMETRY. , 2006, , .		1
58	Higgs effect without lunch. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2022, 380, .	1.6	1
59	RS BRANEWORLDS IN TYPE IIB SUPERGRAVITY. International Journal of Modern Physics A, 2001, 16, 669-676.	0.5	0
60	Form-field gauge symmetry in M-theory. Fortschritte Der Physik, 2003, 51, 856-864.	1.5	0
61	Symmetry orbits of supergravity black holes. Theoretical and Mathematical Physics(Russian) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TF	0.3	0
62	Abdus Salam and Quadratic Curvature Gravity: Classical Solutions. , 2017, , 189-204.		0
63	Sir Thomas Walter Bannerman Kibble. 23 December 1932â€”2 June 2016. Biographical Memoirs of Fellows of the Royal Society, 2021, 70, 225-244.	0.1	0
64	M-THEORY ON CALABI-YAU FIVEFOLDS. , 2008, , .		0
65	Introduction to the special issue dedicated to Michael J. Duff FRS on the occasion of his 70th birthday. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2022, 478, 20220166.	1.0	0
66	THE VANISHING $\hat{\eta}^2$ -FUNCTION OF N=4 SUPERSYMMETRIC YANG-MILLS THEORY. Journal De Physique Colloque, 1982, 43, C3-326-C3-327.	0.2	0