

Daniel Waldram

List of Publications by Year in descending order

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81
papers

6,603
citations

57758

44
h-index

64796

79
g-index

81
all docs

81
docs citations

81
times ranked

1280
citing authors

#	ARTICLE	IF	CITATIONS
1	Universe as a domain wall. <i>Physical Review D</i> , 1999, 59, .	4.7	472
2	Sasaki-Einstein Metrics on $S^2 \times S^3$. <i>Advances in Theoretical and Mathematical Physics</i> , 2004, 8, 711-734.	0.6	371
3	Heterotic M-theory in five dimensions. <i>Nuclear Physics B</i> , 1999, 552, 246-290.	2.5	334
4	Mirror symmetry in generalized Calabi-Yau compactifications. <i>Nuclear Physics B</i> , 2003, 654, 61-113.	2.5	274
5	Supersymmetric AdS 5 solutions of M-theory. <i>Classical and Quantum Gravity</i> , 2004, 21, 4335-4366.	4.0	265
6	G-Structures and Wrapped NS5-Branes. <i>Communications in Mathematical Physics</i> , 2004, 247, 421-445.	2.2	211
7	Supergravity as generalised geometry I: type II theories. <i>Journal of High Energy Physics</i> , 2011, 2011, 1.	4.7	193
8	On the four-dimensional effective action of strongly coupled heterotic string theory. <i>Nuclear Physics B</i> , 1998, 532, 43-82.	2.5	189
9	T-duality, generalized geometry and non-geometric backgrounds. <i>Journal of High Energy Physics</i> , 2009, 2009, 075-075.	4.7	177
10	Cosmological solutions of Hořava-Witten theory. <i>Physical Review D</i> , 1999, 60, .	4.7	172
11	Superstrings with intrinsic torsion. <i>Physical Review D</i> , 2004, 69, .	4.7	170
12	M-theory, exceptional generalised geometry and superpotentials. <i>Journal of High Energy Physics</i> , 2008, 2008, 123-123.	4.7	168
13	A new infinite class of Sasaki-Einstein manifolds. <i>Advances in Theoretical and Mathematical Physics</i> , 2004, 8, 987-1000.	0.6	165
14	Hitchin functionals in $N=2$ supergravity. <i>Journal of High Energy Physics</i> , 2006, 2006, 008-008.	4.7	157
15	$E_{d(d)} \times \mathbb{R}^+$ generalised geometry, connections and M theory. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	153
16	Consistent supersymmetric Kaluza-Klein truncations with massive modes. <i>Journal of High Energy Physics</i> , 2009, 2009, 102-102.	4.7	133
17	Supergravity as generalised geometry II: $E_{d(d)} \times \mathbb{R}^+$ and M theory. <i>Journal of High Energy Physics</i> , 2014, 2014, 1.	4.7	131
18	Strings as solitons & black holes as strings. <i>Nuclear Physics B</i> , 1996, 474, 85-121.	2.5	125

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19	SU(3) \tilde{A} – SU(3) compactification and mirror duals of magnetic fluxes. Journal of High Energy Physics, 2007, 2007, 101-101.	4.7	116
20	Supersymmetric AdS 5 solutions of type IIB supergravity. Classical and Quantum Gravity, 2006, 23, 4693-4718.	4.0	115
21	Fivebranes wrapped on SLAG three-cycles and related geometry. Journal of High Energy Physics, 2001, 2001, 018-018.	4.7	113
22	Nonstandard embedding and five-branes in heterotic M theory. Physical Review D, 1999, 59, .	4.7	104
23	String and M-theory cosmological solutions with Ramond forms. Nuclear Physics B, 1997, 495, 365-399.	2.5	100
24	M-fivebranes wrapped on supersymmetric cycles. Physical Review D, 2001, 63, .	4.7	99
25	Boundary inflation. Physical Review D, 1999, 61, .	4.7	96
26	Gaugino condensation in M theory on S ¹ /Z ₂ . Physical Review D, 1998, 57, 7529-7538.	4.7	94
27	Consistent spin-two coupling and quadratic gravitation. Physical Review D, 1996, 53, 5583-5596.	4.7	93
28	Supersymmetric AdS ₃ , AdS ₂ and bubble solutions. Journal of High Energy Physics, 2007, 2007, 005-005.	4.7	89
29	Spheres, Generalised Parallelisability and Consistent Truncations. Fortschritte Der Physik, 2017, 65, 1700048.	4.4	89
30	Holomorphic vector bundles and non-perturbative vacua in M-theory. Journal of High Energy Physics, 1999, 1999, 034-034.	4.7	87
31	Cosmological solutions of type II string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1997, 393, 65-71.	4.1	84
32	A cosmological mechanism for stabilizing moduli. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2000, 476, 379-386.	4.1	82
33	Nontrivial vacua in higher-derivative gravitation. Physical Review D, 1996, 53, 5597-5608.	4.7	80
34	Five-branes and supersymmetry breaking in M-Theory. Journal of High Energy Physics, 1999, 1999, 009-009.	4.7	68
35	Non-perturbative vacua and particle physics in M-theory. Journal of High Energy Physics, 1999, 1999, 018-018.	4.7	66
36	Wrapped fivebranes and N=2 super Yang-Mills theory. Physical Review D, 2001, 64, .	4.7	64

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37	Membranes wrapped on holomorphic curves. Physical Review D, 2001, 65, .	4.7	60
38	Generalised geometry for string corrections. Journal of High Energy Physics, 2014, 2014, 1.	4.7	60
39	AdS spacetimes from wrapped M5 branes. Journal of High Energy Physics, 2006, 2006, 053-053.	4.7	59
40	The ten-dimensional effective action of strongly coupled heterotic string theory. Nuclear Physics B, 1999, 540, 230-246.	2.5	54
41	$E_{7(7)}$ formulation of $N=2$ backgrounds. Journal of High Energy Physics, 2009, 2009, 104-104.	4.7	53
42	Supersymmetric 3D Anti-de Sitter Space Solutions of Type IIB Supergravity. Physical Review Letters, 2006, 97, 171601.	7.8	52
43	Moduli spaces of fivebranes on elliptic Calabi-Yau threefolds. Journal of High Energy Physics, 1999, 1999, 030-030.	4.7	51
44	Membranes and three-form supergravity. Nuclear Physics B, 1997, 506, 236-266.	2.5	47
45	Exceptional generalised geometry for massive IIA and consistent reductions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	43
46	Marginal deformations of field theories with AdS4 duals. Journal of High Energy Physics, 2005, 2005, 030-030.	4.7	42
47	New supersymmetric AdS3 solutions. Physical Review D, 2006, 74, .	4.7	39
48	Universal Fermionic Spectral Functions from String Theory. Physical Review Letters, 2011, 107, 241601.	7.8	35
49	Systematics of consistent truncations from generalised geometry. Journal of High Energy Physics, 2019, 2019, 1.	4.7	35
50	Higher-derivative gravity in string theory. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1996, 388, 512-520.	4.1	34
51	Spectral function of the supersymmetry current. Journal of High Energy Physics, 2011, 2011, 1.	4.7	31
52	Stabilizing dilaton and moduli vacua in string and M-theory cosmology. Nuclear Physics B, 1998, 509, 169-193.	2.5	29
53	Supersymmetric backgrounds and generalised special holonomy. Classical and Quantum Gravity, 2016, 33, 125026.	4.0	28
54	Exceptional Calabi-Yau spaces: the geometry of backgrounds with flux. Fortschritte Der Physik, 2017, 65, 1600109.	4.4	26

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55	M-theory solutions with AdS factors. <i>Classical and Quantum Gravity</i> , 2002, 19, 3927-3945.	4.0	24
56	AdS 5 Solutions of Type IIB Supergravity and Generalized Complex Geometry. <i>Communications in Mathematical Physics</i> , 2010, 299, 365-408.	2.2	24
57	Exactly marginal deformations from exceptional generalised geometry. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	22
58	Brane-antibrane systems on Calabi-Yau spaces. <i>Journal of High Energy Physics</i> , 2001, 2001, 045-045.	4.7	21
59	The exceptional generalised geometry of supersymmetric AdS flux backgrounds. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	21
60	Scattering of macroscopic heterotic strings. <i>Nuclear Physics B</i> , 1994, 411, 461-472.	2.5	18
61	New Gaugings and Non-Commutative Geometry. <i>Fortschritte Der Physik</i> , 2017, 65, 1700049.	4.4	18
62	Four-dimensional higher-derivative supergravity and spontaneous supersymmetry breaking. <i>Nuclear Physics B</i> , 1996, 476, 175-199.	2.5	16
63	Zero branes on a compact orbifold. <i>Journal of High Energy Physics</i> , 1998, 1998, 009-009.	4.7	15
64	Charged stringlike solutions of low-energy heterotic string theory. <i>Physical Review D</i> , 1993, 47, 2528-2535.	4.7	14
65	Algebroids: A Unified Framework for Exceptional and Generalised Geometry, and Poisson-Lie Duality. <i>Fortschritte Der Physik</i> , 2021, 69, 2100028.	4.4	14
66	Non-perturbative vacua in heterotic M-theory. <i>Classical and Quantum Gravity</i> , 2000, 17, 1049-1056.	4.0	12
67	Supersymmetric AdS backgrounds in string and M-theory. , 2005, , 217-252.		12
68	Heterotic backgrounds via generalised geometry: moment maps and moduli. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
69	Soft supersymmetry breaking induced by higher-derivative supergravitation in the electroweak standard model. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1996, 381, 154-162.	4.1	10
70	Inflationary solutions in the brane world and their geometrical interpretation. <i>Physical Review D</i> , 2001, 63, .	4.7	10
71	Central Charge of Supersymmetric 5D Anti-de Sitter Space Solutions of Type IIB Supergravity. <i>Physical Review Letters</i> , 2009, 103, 051601.	7.8	10
72	Generalising G2 geometry: involutivity, moment maps and moduli. <i>Journal of High Energy Physics</i> , 2021, 2021, 1.	4.7	10

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73	$\mathcal{N} = 2$ consistent truncations from wrapped M5-branes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	10
74	Higher-Derivative Gravitation and a New Mechanism for Supersymmetry Breaking in Four-Dimensions. Progress of Theoretical Physics Supplement, 1996, 123, 397-410.	0.1	7
75	Two-dimensional higher-derivative supergravity and a new mechanism for supersymmetry breaking. Nuclear Physics B, 1996, 471, 409-429.	2.5	5
76	Quantum corrections in string compactifications on SU(3) structure geometries. Journal of High Energy Physics, 2015, 2015, 1.	4.7	5
77	Exactly Marginal Deformations and Their Supergravity Duals. Physical Review Letters, 2022, 128, .	7.8	5
78	Exceptional complex structures and the hypermultiplet moduli of 5d Minkowski compactifications of M-theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4
79	Exceptional Algebroids and Type IIB Superstrings. Fortschritte Der Physik, 2022, 70, 2100104.	4.4	4
80	The higher-dimensional origin of five-dimensional $\mathcal{N} = 2$ gauged supergravities. Journal of High Energy Physics, 2022, 2022, .	4.7	4
81	AdS SPACETIMES IN M-THEORY. , 2008, , .		0