

# Brett McInnes

## List of Publications by Year in descending order

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83  
papers

1,052  
citations

567281

15  
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477307

29  
g-index

83  
all docs

83  
docs citations

83  
times ranked

488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Large numbers in holography. Nuclear Physics B, 2022, 975, 115687.	2.5	1
2	Extremal instability for topological black holes. Nuclear Physics B, 2022, 978, 115760.	2.5	2
3	Fragmentation of AdS5-Kerr black holes. Nuclear Physics B, 2022, 982, 115897.	2.5	0
4	About magnetic AdS black holes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
5	Characterising the most rapidly rotating AdS <sub>5</sub> -Kerr black holes. Classical and Quantum Gravity, 2021, 38, 095001.	4.0	1
6	The weak gravity conjecture requires the existence of exotic AdS black holes. Nuclear Physics B, 2021, 971, 115525.	2.5	8
7	Event horizon wrinklification. Classical and Quantum Gravity, 2021, 38, 034002.	4.0	3
8	Extremal bifurcations of rotating AdS4 black holes. Journal of High Energy Physics, 2021, 2021, 1.	4.7	3
9	Cosmic censorship for AdS5-Kerr. Nuclear Physics B, 2020, 950, 114845.	2.5	12
10	Viscosity vs. vorticity in the quark-gluon plasma. Nuclear Physics B, 2020, 953, 114951.	2.5	3
11	Holographic dual of the weak gravity conjecture. Nuclear Physics B, 2020, 961, 115270.	2.5	5
12	Applied holography of the AdS <sub>5</sub> -Kerr space-time. International Journal of Modern Physics A, 2019, 34, 1950138.	1.5	16
13	Holography of low-centrality heavy ion collisions. International Journal of Modern Physics A, 2019, 34, 1950174.	1.5	6
14	How does the Quark-Gluon Plasma know the collision energy?. Nuclear Physics B, 2018, 927, 455-467.	2.5	1
15	Holography of the QGP Reynolds number. Nuclear Physics B, 2017, 921, 39-58.	2.5	13
16	On the existence of a holographic description of the LHC quark-gluon plasmas. Nuclear Physics B, 2017, 917, 86-104.	2.5	2
17	Field theories without a holographic dual. Nuclear Physics B, 2016, 913, 852-876.	2.5	3
18	Inverse magnetic/shear catalysis. Nuclear Physics B, 2016, 906, 40-59.	2.5	23

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19	A rotation/magnetism analogy for the quark-gluon plasma. Nuclear Physics B, 2016, 911, 173-190.	2.5	22
20	Trajectory of the cosmic plasma through the quark matter phase diagram. Physical Review D, 2016, 93, .	4.7	5
21	A note on physical mass and the thermodynamics of AdS-Kerr black holes. Journal of Cosmology and Astroparticle Physics, 2015, 2015, 004-004.	5.4	20
22	Cold black holes in the Harlow-Hayden approach to firewalls. Nuclear Physics B, 2015, 891, 627-654.	2.5	11
23	A holographic bound on cosmic magnetic fields. Nuclear Physics B, 2015, 892, 49-62.	2.5	8
24	When is holography consistent?. Nuclear Physics B, 2015, 898, 197-219.	2.5	15
25	Holography of Little Inflation. Nuclear Physics B, 2015, 894, 553-568.	2.5	5
26	Shearing black holes and scans of the quark matter phase diagram. Classical and Quantum Gravity, 2014, 31, 025009.	4.0	13
27	Angular momentum in QGP holography. Nuclear Physics B, 2014, 887, 246-264.	2.5	24
28	Generalized planar black holes and the holography of hydrodynamic shear. Nuclear Physics B, 2014, 878, 186-213.	2.5	19
29	Kerr black holes are not fragile. Nuclear Physics B, 2012, 857, 362-379.	2.5	10
30	Fragile black holes and an angular momentum cutoff in peripheral heavy ion collisions. Nuclear Physics B, 2012, 861, 236-258.	2.5	11
31	Universality of the holographic angular momentum cutoff. Nuclear Physics B, 2012, 864, 722-744.	2.5	9
32	Understanding the difficulties faced by engineering undergraduates in learning mathematical modelling. International Journal of Mathematical Education in Science and Technology, 2011, 42, 1023-1039.	1.4	16
33	Fragile black holes. Nuclear Physics B, 2011, 842, 86-106.	2.5	11
34	A universal lower bound on the specific temperatures of AdS-Reissner-Nordström black holes with flat event horizons. Nuclear Physics B, 2011, 848, 474-489.	2.5	9
35	Decoupling inflation from the string scale. Classical and Quantum Gravity, 2010, 27, 165001.	4.0	0
36	Holography of the quark matter triple point. Nuclear Physics B, 2010, 832, 323-341.	2.5	14

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37	Bounding the temperatures of black holes dual to strongly coupled field theories on flat spacetime. <i>Journal of High Energy Physics</i> , 2009, 2009, 048-048.	4.7	20
38	Black hole final state conspiracies. <i>Nuclear Physics B</i> , 2009, 807, 33-55.	2.5	18
39	Initial conditions for bubble universes. <i>Physical Review D</i> , 2008, 77, .	4.7	5
40	Inaccessible singularities in toral cosmology. <i>Classical and Quantum Gravity</i> , 2007, 24, 1605-1613.	4.0	10
41	Arrow of time in string theory. <i>Nuclear Physics B</i> , 2007, 782, 1-25.	2.5	15
42	Pre-inflationary spacetime in string cosmology. <i>Nuclear Physics B</i> , 2006, 748, 309-332.	2.5	18
43	Unitarity at infinity and topological holography. <i>Nuclear Physics B</i> , 2006, 754, 91-106.	2.5	2
44	The geometry of the entropic principle and the shape of the universe. <i>Journal of High Energy Physics</i> , 2006, 2006, 029-029.	4.7	8
45	Inflation, large branes, and the shape of space. <i>Nuclear Physics B</i> , 2005, 709, 213-240.	2.5	17
46	The phantom divide in string gas cosmology. <i>Nuclear Physics B</i> , 2005, 718, 55-82.	2.5	98
47	The most probable size of the Universe. <i>Nuclear Physics B</i> , 2005, 730, 50-81.	2.5	10
48	Quintessential Maldacena-Maoz Cosmologies. <i>Journal of High Energy Physics</i> , 2004, 2004, 036-036.	4.7	18
49	Answering a Basic Objection to Bang/Crunch Holography. <i>Journal of High Energy Physics</i> , 2004, 2004, 018-018.	4.7	12
50	APS instability and the topology of the brane-world. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2004, 593, 10-16.	4.1	6
51	Orbifold physics and de Sitter spacetime. <i>Nuclear Physics B</i> , 2004, 692, 270-300.	2.5	13
52	Stringy instability of topologically non-trivial AdS black holes and of de Sitter S-brane spacetimes. <i>Nuclear Physics B</i> , 2003, 660, 373-388.	2.5	10
53	De Sitter and Schwarzschild-de Sitter according to Schwarzschild and de Sitter. <i>Journal of High Energy Physics</i> , 2003, 2003, 009-009.	4.7	25
54	The strong energy condition and the S-brane singularity problem. <i>Journal of High Energy Physics</i> , 2003, 2003, 043-043.	4.7	9

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55	The Covariant Entropy Bound, Brane Cosmology, and the Null Energy Condition. <i>Journal of High Energy Physics</i> , 2002, 2002, 053-053.	4.7	15
56	The dS/CFT Correspondence and the Big Smash. <i>Journal of High Energy Physics</i> , 2002, 2002, 029-029.	4.7	232
57	Exploring the similarities of the dS/CFT and AdS/CFT correspondences. <i>Nuclear Physics B</i> , 2002, 627, 311-329.	2.5	36
58	The topology of the AdS/CFT/Randall's S-duality complementarity. <i>Nuclear Physics B</i> , 2001, 602, 132-146.	2.5	6
59	A positive cosmological constant in string theory through AdS/CFT wormholes. <i>Nuclear Physics B</i> , 2001, 609, 325-343.	2.5	3
60	Topologically induced instability in string theory. <i>Journal of High Energy Physics</i> , 2001, 2001, 031-031.	4.7	13
61	AdS/CFT for non-boundary manifolds. <i>Journal of High Energy Physics</i> , 2000, 2000, 025-025.	4.7	11
62	Gauge spinors and string duality. <i>Nuclear Physics B</i> , 2000, 577, 439-460.	2.5	3
63	The semispin groups in string theory. <i>Journal of Mathematical Physics</i> , 1999, 40, 4699-4712.	1.1	7
64	Spin Holonomy of Einstein Manifolds. <i>Communications in Mathematical Physics</i> , 1999, 203, 349-364.	2.2	9
65	Metric symmetries and spin asymmetries of Ricci-flat Riemannian manifolds. <i>Journal of Mathematical Physics</i> , 1999, 40, 1255-1267.	1.1	1
66	Existence of parallel spinors on nonsimply connected Riemannian manifolds. <i>Journal of Mathematical Physics</i> , 1998, 39, 2362-2366.	1.1	5
67	Disconnected forms of the standard group. <i>Journal of Mathematical Physics</i> , 1997, 38, 4354-4362.	1.1	2
68	Alice universes. <i>Classical and Quantum Gravity</i> , 1997, 14, 2527-2538.	4.0	3
69	Obtaining holonomy from curvature. <i>Journal of Physics A</i> , 1997, 30, 661-671.	1.6	2
70	On space forms of Grassmann manifolds. <i>Manuscripta Mathematica</i> , 1997, 93, 205-217.	0.6	0
71	Calabi-Yau compactifications and the global structure of the standard group. <i>Journal of Mathematical Physics</i> , 1996, 37, 493-498.	1.1	0
72	Gauging discrete symmetries. <i>Journal of Mathematical Physics</i> , 1995, 36, 5414-5430.	1.1	1

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73	Holonomy groups and holonomy representations. <i>Journal of Mathematical Physics</i> , 1995, 36, 4450-4460.	1.1	4
74	The quotient construction for a class of compact Einstein manifolds. <i>Communications in Mathematical Physics</i> , 1993, 154, 307-312.	2.2	6
75	Holonomy groups of compact Riemannian manifolds: A classification in dimensions up to ten. <i>Journal of Mathematical Physics</i> , 1993, 34, 4273-4286.	1.1	7
76	Complex symplectic geometry and compact locally hyperkählerian manifolds. <i>Journal of Mathematical Physics</i> , 1993, 34, 4857-4871.	1.1	4
77	Examples of Einstein manifolds with all possible holonomy groups in dimensions less than seven. <i>Journal of Mathematical Physics</i> , 1993, 34, 4287-4304.	1.1	12
78	Methods of holonomy theory for Ricci-flat Riemannian manifolds. <i>Journal of Mathematical Physics</i> , 1991, 32, 888-896.	1.1	13
79	Gauge theory in Witten's approach to the generation problem. <i>Communications in Mathematical Physics</i> , 1991, 138, 107-136.	2.2	8
80	Hosotani breaking of E6 to a subgroup of rank five. <i>Journal of Mathematical Physics</i> , 1990, 31, 2094-2104.	1.1	5
81	The geometry of gauge symmetry breaking in the superstring context. <i>Journal of Mathematical Physics</i> , 1989, 30, 498-505.	1.1	0
82	Spontaneous splitting and internal isometries of superstring vacua. <i>Journal of Mathematical Physics</i> , 1987, 28, 2564-2568.	1.1	0
83	Spontaneous compactification and Ricci-flat manifolds with torsion. <i>Journal of Mathematical Physics</i> , 1986, 27, 2029-2038.	1.1	3