Ergin Sezgin

List of Publications by Year
in descending order

90 papers	2,938 citations	201674 27 h-index	161849 54 g-index
90 all docs	90 docs citations	90 times ranked	845 citing authors

#	Article	IF	Citations
1	Properties of the eleven-dimensional supermembrane theory. Annals of Physics, 1988, 185, 330-368.	2.8	333
2	New ghost-free gravity Lagrangians with propagating torsion. Physical Review D, 1980, 21, 3269-3280.	4.7	247
3	Chiral compactification on Minkowski Ã— S2 of N = 2 Einstein-Maxwell supergravity in six dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 147, 47-51.	4.1	232
4	The complete N = 2, d = 6 supergravity with matter and yang-mills couplings. Nuclear Physics B, 1986, 278, 353-379.	2.5	160
5	An anomaly-free model in six dimensions. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1985, 151, 351-356.	4.1	140
6	Spectrum of D = 6, N = 4b supergravity on AdS3 Ã— S3. Nuclear Physics B, 1998, 536, 110-140.	2.5	106
7	Class of ghost-free gravity Lagrangians with massive or massless propagating torsion. Physical Review D, 1981, 24, 1677-1680.	4.7	90
8	(1,0) superconformal models in six dimensions. Journal of High Energy Physics, 2011, 2011, 1.	4.7	84
9	New couplings of six-dimensional supergravity. Nuclear Physics B, 1997, 505, 497-516.	2.5	77
10	Classification of solutions in topologically massive gravity. Classical and Quantum Gravity, 2010, 27, 105001.	4.0	77
11	The general supersymmetric solution of topologically massive supergravity. Classical and Quantum Gravity, 2008, 25, 205005.	4.0	76
12	New class of ghost- and tachyon-free metric affine gravities. Physical Review D, 2020, 101, .	4.7	63
13	3D Newtonâ€"Cartan supergravity. Classical and Quantum Gravity, 2013, 30, 205005.	4.0	62
14	Super p-branes as gauge theories of volume preserving diffeomorphisms. Annals of Physics, 1990, 199, 340-365.	2.8	54
15	Boundary conditions for interacting membranes. Journal of High Energy Physics, 2010, 2010, 1.	4.7	53
16	Kundt spacetimes as solutions of topologically massive gravity. Classical and Quantum Gravity, 2010, 27, 105002.	4.0	53
17	Renormalizability properties of antisymmetric tensor fields coupled to gravity. Physical Review D, 1980, 22, 301-307.	4.7	52
18	Singleton representations of Osp(N,4). Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 143, 389-395.	4.1	49

#	Article	IF	Citations
19	On Â Â 1, 2, 4 higher spin gauge theories in four dimensions. Classical and Quantum Gravity, 2002, 19, 6175-6196.	4.0	49
20	Yang-Millsâ€"Einstein supergravity in seven dimensions. Physical Review D, 1985, 32, 1353-1357.	4.7	44
21	(2,0) tensor multiplets and conformal supergravity in D = 6. Classical and Quantum Gravity, 1999, 16, 3193-3206.	4.0	44
22	The superconformal gaugings in three dimensions. Journal of High Energy Physics, 2008, 2008, 101-101.	4.7	44
23	The spectrum of the eleven-dimensional supergravity compactified on the round seven-sphere. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1984, 138, 57-62.	4.1	39
24	The supermembrane revisited. Classical and Quantum Gravity, 2005, 22, 2167-2199.	4.0	35
25	Six-dimensional superconformal couplings of non-abelian tensor and hypermultiplets. Journal of High Energy Physics, 2013, 2013, 1.	4.7	34
26	Couplings of self-dual tensor multiplet in six dimensions. Classical and Quantum Gravity, 1996, 13, 2875-2886.	4.0	32
27	Supergravity in d=9 and its coupling to the non-compact Ïƒ model. Classical and Quantum Gravity, 1986, 3, 21-28.	4.0	29
28	Scalar potential and dyonic strings in 6D gauged supergravity. Nuclear Physics B, 2004, 692, 346-362.	2.5	27
29	Beyond E 11. Journal of High Energy Physics, 2017, 2017, 1.	4.7	27
30	Critical dimensions of spinning strings on group manifolds from Fujikawaâ€™s method. Physical Review Letters, 1986, 57, 29-32.	7.8	26
31	Critical and non-critical Einstein-Weyl supergravity. Journal of High Energy Physics, 2011, 2011, 1.	4.7	26
32	Supersymmetric higher spin theories. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 214022.	2.1	26
33	Chern-Simons matter theories and higher spin gravity. Journal of High Energy Physics, 2017, 2017, 1.	4.7	26
34	Higher derivative extension of 6D chiral gauged supergravity. Journal of High Energy Physics, 2012, 2012, 1.	4.7	24
35	GLOBAL ANOMALIES IN SIX DIMENSIONS. Modern Physics Letters A, 1986, 01, 267-276.	1.2	22
36	Off-shell <i>D</i> = 5, ${mathcal N}$ = 2 Riemann squared supergravity. Classical and Quantum Gravity, 2011, 28, 225016.	4.0	21

#	Article	IF	Citations
37	On supersymmetric E11 exceptional field theory. Journal of High Energy Physics, 2019, 2019, 1.	4.7	21
38	One-loop beta functions in topologically massive gravity. Classical and Quantum Gravity, 2010, 27, 155009.	4.0	20
39	New unfolded higher spin systems in AdS $_3$. Classical and Quantum Gravity, 2015, 32, 155002.	4.0	19
40	Rigid 6D supersymmetry and localization. Journal of High Energy Physics, 2013, 2013, 1.	4.7	18
41	Noncompact gaugings, chiral reduction and dual sigma models in supergravity. Classical and Quantum Gravity, 2006, 23, 2803-2831.	4.0	17
42	Fine tuning and six-dimensional gauged N =(1, 0) supergravity vacua. Classical and Quantum Gravity, 2004, 21, 1001-1014.	4.0	16
43	6Ddyonic string with active hyperscalars. Journal of High Energy Physics, 2006, 2006, 047-047.	4.7	15
44	Massive N $$ mathcal{N} $$ = 2 supergravity in three dimensions. Journal of High Energy Physics, 2015, 2015, 1.	4.7	15
45	E7(7) exceptional field theory in superspace. Journal of High Energy Physics, 2019, 2019, 1.	4.7	15
46	FRW and domain walls in higher spin gravity. Journal of High Energy Physics, 2018, 2018, 1.	4.7	14
47	A master exceptional field theory. Journal of High Energy Physics, 2021, 2021, 1.	4.7	14
48	Witten–Nester energy in topologically massive gravity. Classical and Quantum Gravity, 2009, 26, 235005.	4.0	13
49	On Exact Solutions and Perturbative Schemes in Higher Spin Theory. Universe, 2018, 4, 5.	2.5	13
50	THE (4, 0) HETEROTIC STRING WITH WESS-ZUMINO TERM. Modern Physics Letters A, 1986, 01, 191-201.	1.2	12
51	Yang–Mills–Chern–Simons supergravity. Classical and Quantum Gravity, 2004, 21, 2733-2748.	4.0	12
52	An action for matter coupled higher spin gravity in three dimensions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	12
53	L-branes. Classical and Quantum Gravity, 1999, 16, 705-722.	4.0	11
54	Massive three-dimensional supergravity from R + R 2 action in six dimensions. Journal of High Energy Physics, 2010, 2010, 1.	4.7	11

#	Article	IF	Citations
55	Correlation functions in Ï‰-deformed N = 6 $$ mathcal{N}=6 $$ supergravity. Journal of High Energy Physics, 2015, 2015, 1.	4.7	11
56	A REMARKABLE REPRESENTATION OF THE SO(3, 2) KAC-MOODY ALGEBRA. International Journal of Modern Physics A, 1991, 06, 4699-4719.	1.5	10
57	ON TARGET SPACE DUALITY IN p-BRANES. Modern Physics Letters A, 1995, 10, 441-450.	1.2	10
58	The Spectrum of D = 11 Supergravity via Harmonic Expansions on S^4 X S^7. Fortschritte Der Physik, 1986, 34, 217-259.	4.4	8
59	One-loop tests of the supersymmetric higher spin AdS4/CFT3 correspondence. Physical Review D, 2017, 95, .	4.7	8
60	A search for new (2,2) strings. Classical and Quantum Gravity, 1995, 12, 1913-1918.	4.0	7
61	On curvature expansion of higher-spin gauge theory. Classical and Quantum Gravity, 2001, 18, 3241-3250.	4.0	7
62	Beta functions of topologically massive supergravity. Journal of High Energy Physics, 2014, 2014, 1.	4.7	6
63	Supersymmetric Proca-Yang-Mills system. Journal of High Energy Physics, 2013, 2013, 1.	4.7	5
64	Nonlinear realizations of w 1+ infinity. Classical and Quantum Gravity, 1993, 10, 19-36.	4.0	3
65	d = 8 SUPERGRAVITY. , 1989, , 265-285.		3
66	Dimensional reduction of higher derivative heterotic supergravity. Journal of High Energy Physics, 2022, 2022, 1.	4.7	3
67	Spectrum of higher derivative 6D chiral supergravity on Minkowski Ã—S 2. Journal of High Energy Physics, 2012, 2012, 1.	4.7	2
68	11D supergravity on AdS_4 â€‰**Ã—**â€‰S^7 versus AdS_7Ã— S^4. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 364003.	2.1	2
69	Perturbative and global anomalies in supergravity theories. European Physical Journal D, 1987, 37, 465-474.	0.4	1
70	Physical states for nonlinear SO(N) superstrings. Classical and Quantum Gravity, 1996, 13, 1707-1715.	4.0	1
71	Anomalies and curvature ofW manifolds. Communications in Mathematical Physics, 1991, 140, 149-157.	2.2	0
72	LOCALLY SUPERSYMMETRIC Ïƒ-MODEL WITH WESS-ZUMINO TERM IN TWO DIMENSIONS AND CRITICAL DIMENSIONS FOR STRINGS. World Scientific Series in 20th Century Physics, 1994, , 521-540.	0.0	0

#	Article	IF	Citations
73	AN ANOMALY-FREE MODEL IN SIX DIMENSIONS. World Scientific Series in 20th Century Physics, 1994, , 515-520.	0.0	0
74	On the consistency of a class of R -symmetry gauged 6 D $N=(1,0)$ supergravities. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2020, 476, 20200115.	2.1	0
75	Supergravity in d = 9 and its coupling to the non-compact Ïƒ model. , 1989, , 253-260.		0
76	d = 8 SUPERGRAVITY: MATTER COUPLINGS, GAUGING AND MINKOWSKI COMPACTIFICATION. , 1989, , 286-291.		0
77	SO(4) GAUGING OF N = 2 SUPERGRAVITY IN SEVEN DIMENSIONS. , 1989, , 304-309.		0
78	Yang-Millsâ€"Einstein supergravity in seven dimensions. , 1989, , 315-319.		0
79	THE COMPLETE N = 2, d = 6 SUPERGRAVITY WITH MATTER AND YANG-MILLS COUPLINGS. , 1989, , 341-367.		0
80	COUPLING OF YANGâ€"MILLS TO N = 4, d = 4 SUPERGRAVITY. , 1989, , 661-665.		0
81	SUPERCONFORMAL TENSOR CALCULUS AND MATTER COUPLINGS IN SIX DIMENSIONS. , 1989, , 815-848.		0
82	A SUPERSYMMETRIC R^2-ACTION IN SIX DIMENSIONS AND TORSION. , 1989, , 849-852.		0
83	HETEROTIC Ïƒ-MODELS AND CONFORMAL SUPERGRAVITY IN TWO DIMENSIONS. , 1989, , 878-885.		0
84	THE (4,0) HETEROTIC STRING WITH WESS-ZUMINO TERM. , 1989, , 891-901.		0
85	(8,0) LOCALLY SUPERSYMMETRIC SIGMA MODELS WITH CONFORMALINVARIANCE IN TWO DIMENSIONS. , 1989, , 902-907.		0
86	Anomaly Freedom in Chiral Supergravities. , 1989, , 1152-1154.		0
87	AN ANOMALY-FREE MODEL IN SIX DIMENSIONS. , 1989, , 1155-1160.		0
88	GLOBAL ANOMALIES IN SIX DIMENSIONS. , 1989, , 1183-1192.		0
89	THE SPECTRUM OF THE ELEVEN DIMENSIONAL SUPERGRAVITY COMPACTIFIED ON THE ROUND SEVEN SPHERE. , 1989, , 1367-1380.		0
90	CHIRAL COMPACTIFICATION ON MINKOWSKI Ã— S^2 OF N = 2 EINSTEINâ€"MAXWELL SUPERGRAVITY IN SIX DIMENSIONS. , 1989, , 1495-1499.		0