

Eric Sharpe

List of Publications by Year in descending order

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87
papers

1,775
citations

279798

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91
all docs

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docs citations

91
times ranked

422
citing authors

#	ARTICLE	IF	CITATIONS
1	Compactifications of heterotic strings on non-Kähler complex manifolds. Nuclear Physics B, 2004, 678, 19-100.	2.5	121
2	Notes on generalized global symmetries in QFT. Fortschritte Der Physik, 2015, 63, 659-682.	4.4	83
3	G{LSM}s for gerbes (and other toric stacks). Advances in Theoretical and Mathematical Physics, 2006, 10, 77-121.	0.6	82
4	Cluster decomposition, T-duality, and gerby CFTs. Advances in Theoretical and Mathematical Physics, 2007, 11, 751-818.	0.6	82
5	D-branes, derived categories, and Grothendieck groups. Nuclear Physics B, 1999, 561, 433-450.	2.5	77
6	D-branes, open string vertex operators, and Ext groups. Advances in Theoretical and Mathematical Physics, 2002, 6, 979-1030.	0.6	75
7	String compactifications on Calabi–Yau stacks. Nuclear Physics B, 2006, 733, 233-296.	2.5	68
8	Non-Birational Twisted Derived Equivalences in Abelian GLSMs. Communications in Mathematical Physics, 2010, 294, 605-645.	2.2	64
9	Notes on Certain (0,2) Correlation Functions. Communications in Mathematical Physics, 2006, 262, 611-644.	2.2	58
10	Sums over topological sectors and quantization of Fayet–Iliopoulos parameters. Advances in Theoretical and Mathematical Physics, 2011, 15, 1141-1199.	0.6	51
11	Algebroids, heterotic moduli spaces and the Strominger system. Journal of High Energy Physics, 2014, 2014, 1.	4.7	49
12	Spectra of D-branes with Higgs vevs. Advances in Theoretical and Mathematical Physics, 2004, 8, 813-859.	0.6	47
13	Discrete torsion. Physical Review D, 2003, 68, .	4.7	44
14	GLSMs for partial flag manifolds. Journal of Geometry and Physics, 2008, 58, 1662-1692.	1.4	41
15	Kähler cone substructure. Advances in Theoretical and Mathematical Physics, 1998, 2, 1441-1462.	0.6	36
16	Rigidly supersymmetric gauge theories on curved superspace. Journal of High Energy Physics, 2012, 2012, 1.	4.7	33
17	Localization of twisted $N = 0, 2$ $\mathcal{N}=\left(0,2\right)$ gauged linear sigma models in two dimensions. Journal of High Energy Physics, 2016, 2016, 1.	4.7	27
18	Notes on nonabelian (0,2) theories and dualities. Journal of High Energy Physics, 2014, 2014, 1.	4.7	26

#	ARTICLE	IF	CITATIONS
19	A-twisted Landau-Ginzburg models. <i>Journal of Geometry and Physics</i> , 2009, 59, 1547-1580.	1.4	25
20	D-branes, orbifolds, and Ext groups. <i>Nuclear Physics B</i> , 2003, 673, 263-300.	2.5	24
21	Undoing decomposition. <i>International Journal of Modern Physics A</i> , 2019, 34, 1950233.	1.5	24
22	Sheaves on toric varieties for physics. <i>Advances in Theoretical and Mathematical Physics</i> , 1998, 2, 873-961.	0.6	24
23	Notes on certain other (0,2) correlation functions. <i>Advances in Theoretical and Mathematical Physics</i> , 2009, 13, 33-70.	0.6	24
24	Heterotic compactifications with principal bundles for general groups and general levels. <i>Advances in Theoretical and Mathematical Physics</i> , 2010, 14, 335-397.	0.6	23
25	Recent developments in discrete torsion. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2001, 498, 104-110.	4.1	22
26	Predictions for Gromov-Witten invariants of noncommutative resolutions. <i>Journal of Geometry and Physics</i> , 2013, 74, 256-265.	1.4	22
27	A-twisted heterotic Landau-Ginzburg models. <i>Journal of Geometry and Physics</i> , 2009, 59, 1581-1596.	1.4	21
28	Physical aspects of quantum sheaf cohomology for deformations of tangent bundles of toric varieties. <i>Advances in Theoretical and Mathematical Physics</i> , 2013, 17, 1255-1301.	0.6	21
29	Boundary superpotentials. <i>Nuclear Physics B</i> , 1998, 523, 211-231.	2.5	20
30	On marginal deformations of $\mathcal{N}=(0,2)$ SCFTs. <i>Journal of High Energy Physics</i> , 2011, 705, 529-534.	0.3	20
31	A mathematical theory of quantum sheaf cohomology. <i>Asian Journal of Mathematics</i> , 2014, 18, 387-418.	0.3	20
32	D-branes, B fields, and Ext groups. <i>Advances in Theoretical and Mathematical Physics</i> , 2003, 7, 381-404.	0.6	19
33	The Taming of Closed Time-like Curves. <i>Journal of High Energy Physics</i> , 2004, 2004, 064-064.	4.7	18
34	Quantization of Fayet-Iliopoulos parameters in supergravity. <i>Physical Review D</i> , 2011, 83, .	4.7	16
35	Decomposition in diverse dimensions. <i>Physical Review D</i> , 2014, 90, .	4.7	16
36	Duality group actions on fermions. <i>Journal of High Energy Physics</i> , 2016, 2016, 1.	4.7	16

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37	D-brane probes, branched double covers, and noncommutative resolutions. <i>Advances in Theoretical and Mathematical Physics</i> , 2014, 18, 1369-1436.	0.6	16
38	Analogues of discrete torsion for the M-theory three-form. <i>Physical Review D</i> , 2003, 68, .	4.7	15
39	Anomaly resolution via decomposition. <i>International Journal of Modern Physics A</i> , 2021, 36, .	1.5	15
40	String orbifolds and quotient stacks. <i>Nuclear Physics B</i> , 2002, 627, 445-505.	2.5	13
41	Quantum Sheaf Cohomology on Grassmannians. <i>Communications in Mathematical Physics</i> , 2017, 352, 135-184.	2.2	13
42	B-branes and supersymmetric quivers in 2d. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	13
43	Quantum symmetries in orbifolds and decomposition. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	13
44	A few Ricci-flat stacks as phases of exotic GLSMs. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2013, 726, 390-395.	4.1	11
45	General aspects of heterotic string compactifications on stacks and gerbes. <i>Advances in Theoretical and Mathematical Physics</i> , 2015, 19, 531-611.	0.6	10
46	Chiral operators in two-dimensional (0,2) theories and a test of triality. <i>Journal of High Energy Physics</i> , 2015, 2015, 1.	4.7	9
47	GLSM realizations of maps and intersections of Grassmannians and Pfaffians. <i>Journal of High Energy Physics</i> , 2018, 2018, 1.	4.7	9
48	Elliptic genera of Landau-Ginzburg models over nontrivial spaces. <i>Advances in Theoretical and Mathematical Physics</i> , 2012, 16, 1087-1144.	0.6	9
49	Discrete torsion and shift orbifolds. <i>Nuclear Physics B</i> , 2003, 664, 21-44.	2.5	8
50	Analogues of Mathai-Quillen forms in sheaf cohomology and applications to topological field theory. <i>Journal of Geometry and Physics</i> , 2015, 92, 1-29.	1.4	8
51	Elliptic Genera of Pure Gauge Theories in Two Dimensions with Semisimple Non-Simply-Connected Gauge Groups. <i>Communications in Mathematical Physics</i> , 2021, 387, 267-297.	2.2	8
52	Recent Developments in (0,2) Mirror Symmetry. <i>Symmetry, Integrability and Geometry: Methods and Applications (SIGMA)</i> , 2012, .	0.5	8
53	D-branes and Spinc structures. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 1999, 450, 353-357.	4.1	7
54	Discrete torsion in perturbative heterotic string theory. <i>Physical Review D</i> , 2003, 68, .	4.7	7

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55	GLSM's, gerbes, and Kuznetsov's homological projective duality. Journal of Physics: Conference Series, 2013, 462, 012047.	0.4	7
56	A proposal for (0,2) mirrors of toric varieties. Journal of High Energy Physics, 2017, 2017, 1.	4.7	7
57	Anomalies, extensions, and orbifolds. Physical Review D, 2021, 104, .	4.7	7
58	Quantum K theory of symplectic Grassmannians. Journal of Geometry and Physics, 2022, 177, 104548.	1.4	7
59	Extremal transitions in heterotic string theory. Nuclear Physics B, 1998, 513, 175-197.	2.5	6
60	Notes on discrete torsion in orientifolds. Journal of Geometry and Physics, 2011, 61, 1017-1032.	1.4	6
61	Curvature couplings in $\mathcal{N} = (2, 2)$ nonlinear sigma models on S^2 . Journal of High Energy Physics, 2013, 2013, 1.	4.7	6
62	GLSMs, joins, and nonperturbatively-realized geometries. Journal of High Energy Physics, 2019, 2019, 1.	4.7	6
63	Toda-like (0,2) mirrors to products of projective spaces. Journal of High Energy Physics, 2016, 2016, 1.	4.7	5
64	Classical sheaf cohomology rings on Grassmannians. Journal of Algebra, 2017, 486, 246-287.	0.7	5
65	More Toda-like (0,2) mirrors. Journal of High Energy Physics, 2017, 2017, 1.	4.7	5
66	Categorical Equivalence and the Renormalization Group. Fortschritte Der Physik, 2019, 67, 1910019.	4.4	5
67	Two-dimensional supersymmetric gauge theories with exceptional gauge groups. Advances in Theoretical and Mathematical Physics, 2020, 24, 67-123.	0.6	5
68	Derived Categories and Stacks in Physics. Lecture Notes in Physics, 2008, , 1-24.	0.7	5
69	Bagger-Witten line bundles on moduli spaces of elliptic curves. International Journal of Modern Physics A, 2016, 31, 1650188.	1.5	4
70	(0,2) versions of exotic (2,2) GLSMs. International Journal of Modern Physics A, 2018, 33, 1850113.	1.5	4
71	Hidden exceptional symmetry in the pure spinor superstring. Physical Review D, 2020, 101, .	4.7	4
72	A generalization of decomposition in orbifolds. Journal of High Energy Physics, 2021, 2021, 1.	4.7	4

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73	Equivariant sheaves. Chaos, Solitons and Fractals, 1999, 10, 399-412.	5.1	3
74	Stacks and D-brane bundles. Nuclear Physics B, 2001, 610, 595-613.	2.5	3
75	String-Math 2011. Proceedings of Symposia in Pure Mathematics, 2012, , .	1.2	3
76	Landauâ€™Ginzburg models for certain fiber products with curves. Journal of Geometry and Physics, 2019, 137, 204-211.	1.4	3
77	More non-Abelian mirrors and some two-dimensional dualities. International Journal of Modern Physics A, 2019, 34, 1950181.	1.5	3
78	GLSMs for exotic Grassmannians. Journal of High Energy Physics, 2020, 2020, 1.	4.7	3
79	Two-dimensional topological field theories as taffy. Advances in Theoretical and Mathematical Physics, 2011, 15, 179-244.	0.6	3
80	Notes on heterotic compactifications. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1998, 432, 326-332.	4.1	2
81	Notes on two-dimensional pure supersymmetric gauge theories. Journal of High Energy Physics, 2021, 2021, 1.	4.7	2
82	A proposal for nonabelian $(0,2)$ mirrors. Advances in Theoretical and Mathematical Physics, 2021, 25, 1549-1596.	0.6	2
83	MATHEMATICAL ASPECTS OF D-BRANES. , 2004, , .		1
84	Mini-Workshop: Heterotic Strings, Derived Categories, and Stacks. Oberwolfach Reports, 2006, 2, 3019-3060.	0.0	0
85	An introduction to quantum sheaf cohomology. Annales De L'Institut Fourier, 2011, 61, 2985-3005.	0.6	0
86	Some recent advances in gauged linear sigma models. , 2014, , .		0
87	Global Aspects of Moduli Spaces of 2d SCFTs. Communications in Mathematical Physics, 0, , 1.	2.2	0