

Richard P Thomas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6025600/publications.pdf>

Version: 2024-02-01

40
papers

1,385
citations

471509

17
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

347
citing authors

#	ARTICLE	IF	CITATIONS
1	Vafa-Witten invariants for projective surfaces I: stable case. <i>Journal of Algebraic Geometry</i> , 2020, 29, 603-668.	0.9	20
2	Degeneracy loci, virtual cycles and nested Hilbert schemes, I. <i>Tunisian Journal of Mathematics</i> , 2020, 2, 633-665.	0.6	9
3	Equivariant K-Theory and Refined Vafa-Witten Invariants. <i>Communications in Mathematical Physics</i> , 2020, 378, 1451-1500.	2.2	14
4	Degeneracy loci, virtual cycles and nested Hilbert schemes II. <i>Compositio Mathematica</i> , 2020, 156, 1623-1663.	0.8	6
5	Quintic threefolds and Fano elevenfolds. <i>Journal Fur Die Reine Und Angewandte Mathematik</i> , 2018, 2018, 245-259.	0.9	7
6	Sheaf counting on local \mathbb{K}^3 surfaces. <i>Pure and Applied Mathematics Quarterly</i> , 2018, 14, 419-441.	0.4	5
7	Vafa-Witten invariants for projective surfaces II: semistable case. <i>Pure and Applied Mathematics Quarterly</i> , 2017, 13, 517-562.	0.4	19
8	Stable pairs with descendents on local surfaces I: the vertical component. <i>Pure and Applied Mathematics Quarterly</i> , 2017, 13, 581-638.	0.4	3
9	THE KATZ-KLEMM-VAFA CONJECTURE FOR SURFACES. <i>Forum of Mathematics, Pi</i> , 2016, 4, .	2.0	20
10	Derived equivalent Calabi-Yau threefolds from cubic fourfolds. <i>Mathematische Annalen</i> , 2016, 365, 155-172.	1.4	6
11	Virtual signed Euler characteristics. <i>Journal of Algebraic Geometry</i> , 2016, 26, 379-397.	0.9	14
12	Notes on the proof of the KKV conjecture. <i>Journal of Differential Geometry</i> , 2016, 21, 289-311.	1.0	3
13	ALMOST CLOSED 1-FORMS. <i>Glasgow Mathematical Journal</i> , 2014, 56, 169-182.	0.3	3
14	Counting curves on surfaces in Calabi-Yau 3-folds. <i>Mathematische Annalen</i> , 2014, 360, 67-78.	1.4	6
15	Hodge theory and derived categories of cubic fourfolds. <i>Duke Mathematical Journal</i> , 2014, 163, .	1.5	66
16	BPS states and the $\langle i \rangle P \langle i \rangle = \langle i \rangle W \langle i \rangle$ conjecture. , 2014, , 132-150.		8
17	13/2 ways of counting curves. , 2014, , 282-333.		14
18	An introduction to d-manifolds and derived differential geometry. , 2014, , 230-281.		7

#	ARTICLE	IF	CITATIONS
19	Reduced classes and curve counting on surfaces I: theory. <i>Algebraic Geometry</i> , 2014, 1, 334-383.	1.0	29
20	Reduced classes and curve counting on surfaces II: calculations. <i>Algebraic Geometry</i> , 2014, 1, 384-399.	1.0	10
21	A short proof of the Göttsche conjecture. <i>Geometry and Topology</i> , 2011, 15, 397-406.	1.3	42
22	Hilbert schemes and stable pairs: GIT and derived category wall crossings. <i>Bulletin De La Societe Mathematique De France</i> , 2011, 139, 297-339.	0.2	17
23	Weighted Bergman Kernels on Orbifolds. <i>Journal of Differential Geometry</i> , 2011, 88, .	1.1	9
24	Weighted Projective Embeddings, Stability of Orbifolds, and Constant Scalar Curvature Kähler Metrics. <i>Journal of Differential Geometry</i> , 2011, 88, .	1.1	42
25	An Exercise in Mirror Symmetry. , 2011, , .		3
26	Deformation-obstruction theory for complexes via Atiyah and Kodaira's Spencer classes. <i>Mathematische Annalen</i> , 2010, 346, 545-569.	1.4	59
27	Stable pairs and BPS invariants. <i>Journal of the American Mathematical Society</i> , 2010, 23, 267-297.	3.9	92
28	Curves on $K3$ surfaces and modular forms. <i>Journal of Topology</i> , 2010, 3, 937-996.	0.5	73
29	Smoothing nodal Calabi-Yau n -folds. <i>Journal of Topology</i> , 2009, 2, 405-421.	0.5	0
30	Curve counting via stable pairs in the derived category. <i>Inventiones Mathematicae</i> , 2009, 178, 407-447.	2.5	168
31	The 3-fold vertex via stable pairs. <i>Geometry and Topology</i> , 2009, 13, 1835-1876.	1.3	40
32	A study of the Hilbert-Mumford criterion for the stability of projective varieties. <i>Journal of Algebraic Geometry</i> , 2007, 16, 201-255.	0.9	94
33	Braid cobordisms, triangulated categories, and flag varieties. <i>Homology, Homotopy and Applications</i> , 2007, 9, 19-94.	0.4	23
34	An obstruction to the existence of constant scalar curvature Kähler metrics. <i>Journal of Differential Geometry</i> , 2006, 72, 429.	1.1	69
35	\mathbb{P} -objects and autoequivalences of derived categories. <i>Mathematical Research Letters</i> , 2006, 13, 87-98.	0.5	48
36	A polar de Rham theorem. <i>Topology</i> , 2004, 43, 1231-1246.	0.3	4

#	ARTICLE	IF	CITATIONS
37	Braid group actions on derived categories of coherent sheaves. Duke Mathematical Journal, 2001, 108, .	1.5	311
38	Representations of surface groups and Higgs bundles. , 0, , 151-178.		2
39	Introduction to algebraic stacks. , 0, , 1-131.		3
40	Introduction to stability conditions. , 0, , 179-229.		11