

# Jan Manschot

## List of Publications by Year in descending order

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39  
papers

886  
citations

471509

17  
h-index

477307

29  
g-index

40  
all docs

40  
docs citations

40  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Four flavors, triality, and bimodular forms. <i>Physical Review D</i> , 2022, 105, .	4.7	3
2	Cutting and gluing with running couplings in $N=2$ QCD. <i>Physical Review D</i> , 2022, 105, .	4.7	3
3	Scaling black holes and modularity. <i>Journal of High Energy Physics</i> , 2022, 2022, 1.	4.7	5
4	Elliptic Loci of $SU(3)$ Vacua. <i>Annales Henri Poincare</i> , 2021, 22, 2775-2830.	1.7	7
5	Mocking the u-plane integral. <i>Research in Mathematical Sciences</i> , 2021, 8, 1.	1.0	1
6	Vafa's Witten Invariants from Exceptional Collections. <i>Communications in Mathematical Physics</i> , 2021, 385, 101-226.	2.2	8
7	S-Duality and Refined BPS Indices. <i>Communications in Mathematical Physics</i> , 2020, 380, 755-810.	2.2	11
8	Effective gravitational couplings of four-dimensional $\mathcal{N} = 2$ supersymmetric gauge theories. <i>Journal of High Energy Physics</i> , 2020, 2020, 1.	4.7	11
9	Vafa's Witten Theory and Iterated Integrals of Modular Forms. <i>Communications in Mathematical Physics</i> , 2019, 371, 787-831.	2.2	7
10	Renormalization and BRST Symmetry in Donaldson's Witten Theory. <i>Annales Henri Poincare</i> , 2019, 20, 3229-3264.	1.7	7
11	Multiple D3-Instantons and Mock Modular Forms II. <i>Communications in Mathematical Physics</i> , 2018, 359, 297-346.	2.2	13
12	Indefinite theta series and generalized error functions. <i>Selecta Mathematica, New Series</i> , 2018, 24, 3927-3972.	1.0	17
13	Intersection cohomology of moduli spaces of sheaves on surfaces. <i>Selecta Mathematica, New Series</i> , 2018, 24, 3889-3926.	1.0	7
14	Multiple D3-Instantons and Mock Modular Forms I. <i>Communications in Mathematical Physics</i> , 2017, 353, 379-411.	2.2	18
15	Donaldson-Witten theory and indefinite theta functions. <i>Journal of High Energy Physics</i> , 2017, 2017, 1.	4.7	13
16	Sheaves on $\mathbb{P}^2$ and generalized Appell functions. <i>Advances in Theoretical and Mathematical Physics</i> , 2017, 21, 655-681.	0.6	12
17	The Coulomb Branch Formula for Quiver Moduli Spaces. <i>Confluentes Mathematici</i> , 2017, 9, 49-69.	0.2	5
18	Identities for Generalized Appell Functions and the Blow-up Formula. <i>Letters in Mathematical Physics</i> , 2016, 106, 1379-1395.	1.1	2

#	ARTICLE	IF	CITATIONS
19	The asymptotic profile of $\chi_y$ -genera of Hilbert schemes of points on K3 surfaces. Communications in Number Theory and Physics, 2015, 9, 413-435.	1.0	8
20	Generalized quiver mutations and single-centered indices. Journal of High Energy Physics, 2014, 2014, 1.	4.7	14
21	Geometric engineering of (framed) BPS states. Advances in Theoretical and Mathematical Physics, 2014, 18, 1063-1231.	0.6	38
22	On the Coulomb and Higgs branch formulae for multi-centered black holes and quiver invariants. Journal of High Energy Physics, 2013, 2013, 1.	4.7	37
23	D3-instantons, mock theta series and twistors. Journal of High Energy Physics, 2013, 2013, 1.	4.7	24
24	A 5d/2d/4d correspondence. Journal of High Energy Physics, 2013, 2013, 1.	4.7	10
25	BPS Invariants of Semi-Stable Sheaves on Rational Surfaces. Letters in Mathematical Physics, 2013, 103, 895-918.	1.1	14
26	From sheaves on $\mathbb{P}^2$ to a generalization of the Rademacher expansion. American Journal of Mathematics, 2013, 135, 1039-1065.	1.1	20
27	From black holes to quivers. Journal of High Energy Physics, 2012, 2012, 1.	4.7	40
28	BPS invariants of $\mathcal{N}=4$ gauge theory on Hirzebruch surfaces. Communications in Number Theory and Physics, 2012, 6, 497-516.	1.0	18
29	Quantum geometry of elliptic Calabi-Yau manifolds. Communications in Number Theory and Physics, 2012, 6, 849-917.	1.0	15
30	The Betti Numbers of the Moduli Space of Stable Sheaves of Rank 3 on $\mathbb{P}^2$ . Letters in Mathematical Physics, 2011, 98, 65-78.	1.1	24
31	A fixed point formula for the index of multi-centered $\mathcal{N} = 2$ black holes. Journal of High Energy Physics, 2011, 2011, 1.	4.7	44
32	Wall crossing from Boltzmann black hole halos. Journal of High Energy Physics, 2011, 2011, 1.	4.7	77
33	Wall-crossing of D4-branes using flow trees. Advances in Theoretical and Mathematical Physics, 2011, 15, 1-42.	0.6	31
34	Stability and Duality in $\mathcal{N} = 2$ Supergravity. Communications in Mathematical Physics, 2010, 299, 651-676.	2.2	43
35	A modern fareytail. Communications in Number Theory and Physics, 2010, 4, 103-159.	1.0	69
36	The chiral ring of $\text{AdS}_3/\text{CFT}_2$ and the attractor mechanism. Journal of High Energy Physics, 2009, 2009, 030-030.	4.7	60

#	ARTICLE	IF	CITATIONS
37	On the space of elliptic genera. Communications in Number Theory and Physics, 2008, 2, 803-833.	1.0	15
38	A Farey tail for attractor black holes. Journal of High Energy Physics, 2006, 2006, 024-024.	4.7	80
39	Reducing the critical switching current in nanoscale spin valves. Applied Physics Letters, 2004, 85, 3250-3252.	3.3	34