

# Dmitri O Orlov

## List of Publications by Year in descending order

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42  
papers

1,815  
citations

331670

21  
h-index

315739

38  
g-index

47  
all docs

47  
docs citations

47  
times ranked

389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Equivalences of derived categories and K3 surfaces. <i>Journal of Mathematical Sciences</i> , 1997, 84, 1361-1381.	0.4	229
2	Reconstruction of a Variety from the Derived Category and Groups of Autoequivalences. <i>Compositio Mathematica</i> , 2001, 125, 327-344.	0.8	135
3	Derived Categories of Coherent Sheaves and Triangulated Categories of Singularities. <i>Progress in Mathematics</i> , 2009, , 503-531.	0.3	127
4	An exact sequence for $K\langle\hat{-}\rangle\langle\sup\rangle M\langle\sup\rangle\hat{2}$ with applications to quadratic forms. <i>Annals of Mathematics</i> , 2007, 165, 1-13.	4.2	125
5	Uniqueness of enhancement for triangulated categories. <i>Journal of the American Mathematical Society</i> , 2010, 23, 853-908.	3.9	109
6	Mirror symmetry for Del Pezzo surfaces: Vanishing cycles and coherent sheaves. <i>Inventiones Mathematicae</i> , 2006, 166, 537-582.	2.5	99
7	PROJECTIVE BUNDLES, MONOIDAL TRANSFORMATIONS, AND DERIVED CATEGORIES OF COHERENT SHEAVES. <i>Izvestiya Mathematics</i> , 1993, 41, 133-141.	0.6	95
8	Remarks on A-branes, mirror symmetry, and the Fukaya category. <i>Journal of Geometry and Physics</i> , 2003, 48, 84-99.	1.4	84
9	Noncommutative Instantons and Twistor Transform. <i>Communications in Mathematical Physics</i> , 2001, 221, 385-432.	2.2	81
10	Mirror symmetry for weighted projective planes and their noncommutative deformations. <i>Annals of Mathematics</i> , 2008, 167, 867-943.	4.2	80
11	Formal completions and idempotent completions of triangulated categories of singularities. <i>Advances in Mathematics</i> , 2011, 226, 206-217.	1.1	74
12	Triangulated categories of singularities and equivalences between Landau-Ginzburg models. <i>Sbornik Mathematics</i> , 2006, 197, 1827-1840.	0.6	64
13	Derived categories of coherent sheaves on Abelian varieties and equivalences between them. <i>Izvestiya Mathematics</i> , 2002, 66, 569-594.	0.6	55
14	Vertex Algebras, Mirror Symmetry, and D-Branes: The Case of Complex Tori. <i>Communications in Mathematical Physics</i> , 2003, 233, 79-136.	2.2	55
15	Smooth and proper noncommutative schemes and gluing of DG categories. <i>Advances in Mathematics</i> , 2016, 302, 59-105.	1.1	55
16	Matrix factorizations for nonaffine LG-models. <i>Mathematische Annalen</i> , 2012, 353, 95-108.	1.4	46
17	Derived categories of coherent sheaves and equivalences between them. <i>Russian Mathematical Surveys</i> , 2003, 58, 511-591.	0.6	37
18	Homological mirror symmetry for punctured spheres. <i>Journal of the American Mathematical Society</i> , 2013, 26, 1051-1083.	3.9	34

#	ARTICLE	IF	CITATIONS
19	Geometric Phantom Categories. Publications Mathematiques De L'Institut Des Hautes Etudes Scientifiques, 2013, 117, 329-349.	4.3	26
20	Derived categories of coherent sheaves and motives. Russian Mathematical Surveys, 2005, 60, 1242-1244.	0.6	24
21	Derived categories of Burniat surfaces and exceptional collections. Mathematische Annalen, 2013, 357, 743-759.	1.4	24
22	Homological Mirror Symmetry for manifolds of general type. Open Mathematics, 2009, 7, .	1.0	23
23	Geometric realizations of quiver algebras. Proceedings of the Steklov Institute of Mathematics, 2015, 290, 70-83.	0.3	22
24	EXCEPTIONAL SHEAVES ON DEL PEZZO SURFACES. Izvestiya Mathematics, 1995, 44, 479-513.	0.6	21
25	Deformation theory of objects in homotopy and derived categories I: General theory. Advances in Mathematics, 2009, 222, 359-401.	1.1	17
26	Deformation theory of objects in homotopy and derived categories II: Pro-representability of the deformation functor. Advances in Mathematics, 2010, 224, 45-102.	1.1	12
27	Lectures on mirror symmetry, derived categories, and D-branes. Russian Mathematical Surveys, 2004, 59, 907-940.	0.6	10
28	Does full imply faithful?. Journal of Noncommutative Geometry, 2013, 7, 357-371.	0.5	9
29	Finite-dimensional differential graded algebras and their geometric realizations. Advances in Mathematics, 2020, 366, 107096.	1.1	9
30	Deformation theory of objects in homotopy and derived categories III: Abelian categories. Advances in Mathematics, 2011, 226, 3857-3911.	1.1	8
31	Quasi-coherent sheaves in commutative and non-commutative geometry. Izvestiya Mathematics, 2003, 67, 535-554.	0.6	4
32	Derived noncommutative schemes, geometric realizations, and finite dimensional algebras. Russian Mathematical Surveys, 2018, 73, 865-918.	0.6	4
33	Gluing of categories and Krull-Schmidt partners. Russian Mathematical Surveys, 2016, 71, 594-596.	0.6	3
34	Finite-dimensional DG algebras and their properties. Russian Mathematical Surveys, 2019, 74, 764-766.	0.6	2
35	Andrei Nikolaevich Tyurin (obituary). Russian Mathematical Surveys, 2003, 58, 597-605.	0.6	0
36	Fedor Alekseevich Bogomolov (on his 60th birthday). Russian Mathematical Surveys, 2007, 62, 1233-1237.	0.6	0

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37	Vasilii Alekseevich Iskovskikh (obituary). Russian Mathematical Surveys, 2009, 64, 939-946.	0.6	0
38	Vyacheslav Vladimirovich Shokurov (on his 60th birthday). Russian Mathematical Surveys, 2010, 65, 1193-1198.	0.6	0
39	Aleksei Nikolaevich Parshin (on his 70th birthday). Russian Mathematical Surveys, 2013, 68, 189-197.	0.6	0
40	Viktor Anatol'evich Vassiliev (on his 60th birthday). Russian Mathematical Surveys, 2016, 71, 1153-1157.	0.6	0
41	Equivariant exceptional collections on smooth toric stacks. Izvestiya Mathematics, 2019, 83, 698-730.	0.6	0
42	Landau-Ginzburg Models, D-Branes and Mirror Symmetry. Matematica Contemporanea, 2012, 41, .	0.0	0