

# Laurent Manivel

## List of Publications by Year in descending order

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papers

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citations

687363

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h-index

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24  
g-index

37  
all docs

37  
docs citations

37  
times ranked

199  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the projective geometry of rational homogeneous varieties. <i>Commentarii Mathematici Helvetici</i> , 2003, 78, 65-100.	0.7	103
2	Un th��or��me de prolongement L 2 de sections holomorphes d'un fibr�� hermitien. <i>Mathematische Zeitschrift</i> , 1993, 212, 107-122.	0.9	70
3	An Overview of Mathematical Issues Arising in the Geometric Complexity Theory Approach to $\mathbf{VP} = \mathbf{VNP}$ . <i>SIAM Journal on Computing</i> , 2011, 40, 1179-1209.	1.0	52
4	Sur la vari��t�� des espaces lin��aires contenus dans une intersection compl��te. <i>Mathematische Annalen</i> , 1998, 312, 549-574.	1.4	49
5	The Chow ring of the Cayley plane. <i>Compositio Mathematica</i> , 2005, 141, 146-160.	0.8	31
6	Fano manifolds of degree ten and EPW sextics. <i>Annales Scientifiques De L'Ecole Normale Sup��rieure</i> , 2011, 44, 393-426.	0.8	30
7	On the asymptotics of Kronecker coefficients. <i>Journal of Algebraic Combinatorics</i> , 2015, 42, 999-1025.	0.8	27
8	Fano manifolds of Calabi��Yau Hodge type. <i>Journal of Pure and Applied Algebra</i> , 2015, 219, 2225-2244.	0.6	23
9	Vanishing theorems for ample vector bundles. <i>Inventiones Mathematicae</i> , 1997, 127, 401-416.	2.5	21
10	On rectangular Kronecker coefficients. <i>Journal of Algebraic Combinatorics</i> , 2011, 33, 153-162.	0.8	19
11	Secants of minuscule and cominuscule minimal orbits. <i>Linear Algebra and Its Applications</i> , 2015, 481, 288-312.	0.9	19
12	Hypersurfaces with degenerate duals and the Geometric Complexity Theory Program. <i>Commentarii Mathematici Helvetici</i> , 2013, 88, 469-484.	0.7	19
13	Applications de Gauss et pl��thysme. <i>Annales De L'Institut Fourier</i> , 1997, 47, 715-773.	0.6	15
14	On cubic hypersurfaces of dimensions 7 and 8. <i>Proceedings of the London Mathematical Society</i> , 2014, 108, 517-540.	1.3	13
15	Prime Fano threefolds and integrable systems. <i>Mathematische Annalen</i> , 2007, 339, 937-955.	1.4	11
16	The Cayley Grassmannian. <i>Journal of Algebra</i> , 2018, 503, 277-298.	0.7	10
17	Th��or��mes d'annulation sur certaines vari��t��s projectives. <i>Commentarii Mathematici Helvetici</i> , 1996, 71, 402-425.	0.7	8
18	Cubic hypersurfaces and integrable systems. <i>American Journal of Mathematics</i> , 2008, 130, 1445-1475.	1.1	8

#	ARTICLE	IF	CITATIONS
19	Hyperkähler manifolds from the Tits-Freudenthal magic square. <i>European Journal of Mathematics</i> , 2019, 5, 1139-1155.	0.5	7
20	Double spinor Calabi-Yau varieties. <i>Epjournal De Geometrie Algebrique</i> , 0, Volume 3, .	0.0	7
21	ON BRANCHED COVERINGS OF SOME HOMOGENEOUS SPACES. <i>Topology</i> , 1999, 38, 1141-1160.	0.3	6
22	On Fano complete intersections in rational homogeneous varieties. <i>Mathematische Zeitschrift</i> , 2020, 295, 289-308.	0.9	6
23	On Fano manifolds of Picard number one. <i>Mathematische Zeitschrift</i> , 2015, 281, 1129-1135.	0.9	5
24	On the syzygies of flag manifolds. <i>Proceedings of the American Mathematical Society</i> , 1996, 124, 2293-2299.	0.8	5
25	Un théorème d'annulation à la Kawamata-Viehweg. <i>Manuscripta Mathematica</i> , 1994, 83, 387-404.	0.6	4
26	Ulrich and ACM bundles from invariant theory. <i>Communications in Algebra</i> , 2019, 47, 706-718.	0.6	4
27	Orbital Degeneracy Loci II: Gorenstein Orbits. <i>International Mathematics Research Notices</i> , 2020, 2020, 9887-9932.	1.0	4
28	Des fibrés globalement engendrés sur l'espace projectif. <i>Mathematische Annalen</i> , 1995, 301, 469-484.	1.4	3
29	Effective Constructions in Plethysms and Weintraub's Conjecture. <i>Algebras and Representation Theory</i> , 2014, 17, 433-443.	0.7	3
30	The small quantum cohomology of the Cayley Grassmannian. <i>International Journal of Mathematics</i> , 2020, 31, 2050019.	0.5	3
31	On the automorphisms of Mukai varieties. <i>Mathematische Zeitschrift</i> , 2022, 300, 3577-3621.	0.9	3
32	Gradings of Lie algebras, magical spin geometries and matrix factorizations. <i>Representation Theory</i> , 2021, 25, 527-542.	0.5	2
33	Orbital degeneracy loci and applications. <i>Annali Della Scuola Normale Superiore Di Pisa Classe Di Scienze</i> , 2020, , 169-206.	0.2	2
34	Classes caractéristiques des intersections complètes. <i>Geometriae Dedicata</i> , 1994, 52, 255-269.	0.3	1
35	Series of Nilpotent Orbits. <i>Experimental Mathematics</i> , 2004, 13, 13-29.	0.7	1
36	Topics on the Geometry of Rational Homogeneous Spaces. <i>Acta Mathematica Sinica, English Series</i> , 2020, 36, 851-872.	0.6	1

#	ARTICLE	IF	CITATIONS
37	The geometry of the Coble cubic and orbital degeneracy loci. <i>Mathematische Annalen</i> , 2021, 379, 415-440.	1.4	1