

# Robin Hartshorne

## List of Publications by Year in descending order

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35  
papers

8,407  
citations

361045

20  
h-index

360668

35  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1828  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algebraic Geometry. Graduate Texts in Mathematics, 1977, , .	0.4	5,009
2	Stable reflexive sheaves. Mathematische Annalen, 1980, 254, 121-176.	0.7	442
3	Stable vector bundles of rank 2 on $P^3$ . Mathematische Annalen, 1978, 238, 229-280.	0.7	241
4	Cohomological Dimension of Algebraic Varieties. Annals of Mathematics, 1968, 88, 403.	2.1	234
5	Affine duality and cofiniteness. Inventiones Mathematicae, 1970, 9, 145-164.	1.3	214
6	Varieties of small codimension in projective space. Bulletin of the American Mathematical Society, 1974, 80, 1017-1033.	3.0	146
7	Complete Intersections and Connectedness. American Journal of Mathematics, 1962, 84, 497.	0.5	142
8	Deformation Theory. Graduate Texts in Mathematics, 2010, , .	0.4	111
9	Local Cohomological Dimension in Characteristic $p$ . Annals of Mathematics, 1977, 105, 45.	2.1	108
10	Generalized divisors on Gorenstein schemes. K-theory, 1994, 8, 287-339.	0.5	108
11	Algebraic vector bundles on projective spaces: A problem list. Topology, 1979, 18, 117-128.	0.4	76
12	Generalized divisors on Gorenstein curves and a theorem of Noether. Kyoto Journal of Mathematics, 1986, 26, 375.	0.2	72
13	STABLE ULRICH BUNDLES. International Journal of Mathematics, 2012, 23, 1250083.	0.2	63
14	Stable vector bundles and instantons. Communications in Mathematical Physics, 1978, 59, 1-15.	1.0	59
15	Stable reflexive sheaves. II. Inventiones Mathematicae, 1982, 66, 165-190.	1.3	39
16	The genus of space curves. Annali Dell'Universita Di Ferrara, 1994, 40, 207-223.	0.7	36
17	Restriction theorems for stable rank 3 vector bundles on $P^n$ . Mathematische Annalen, 1982, 259, 541-569.	0.7	34
18	Gorenstein biliaison and ACM sheaves. Journal of Algebra, 2004, 278, 314-341.	0.4	32

#	ARTICLE	IF	CITATIONS
19	On the Classification of Algebraic Space Curves. , 1980, , 83-112.		22
20	Gorenstein liaison and ACM sheaves. Journal Fur Die Reine Und Angewandte Mathematik, 2005, 2005, 149-171.	0.4	21
21	Curves in the double plane. Communications in Algebra, 2000, 28, 5655-5676.	0.3	16
22	Topological conditions for smoothing algebraic singularities. Topology, 1974, 13, 241-253.	0.4	15
23	Triades et familles de courbes gauches. Mathematische Annalen, 1999, 315, 397-468.	0.7	14
24	Stable reflexive sheaves. III. Mathematische Annalen, 1988, 279, 517-534.	0.7	12
25	On the connectedness of the hilbert scheme of curves in $P^3$ . Communications in Algebra, 2000, 28, 6059-6077.	0.3	10
26	Gonality of a general ACM curve in $\mathbb{P}^3$ . Pacific Journal of Mathematics, 2011, 251, 269-313.	0.2	8
27	Stable rank 2 vector bundles on $P^3$ with $c_1 = -1$ , $c_2 = 2$ .. Journal Fur Die Reine Und Angewandte Mathematik, 1981, 1981, 145-152.	0.4	6
28	Clifford Index of ACM Curves in $P^3$ . Milan Journal of Mathematics, 2002, 70, 209-221.	0.7	6
29	Non-Euclidean pythagorean triples, a problem of euler, and rational points on $K3$ surfaces. Mathematical Intelligencer, 2008, 30, 4-10.	0.1	5
30	On the intersection of ACM curves in $P^3$ . Journal of Pure and Applied Algebra, 2015, 219, 3195-3213.	0.3	4
31	Non-Euclidean III.36. American Mathematical Monthly, 2003, 110, 495-502.	0.2	3
32	Simple D-module components of local cohomology modules. Journal of Algebra, 2021, 571, 232-257.	0.4	3
33	Residual intersections of Licci ideals are Glicci. Michigan Mathematical Journal, 2012, 61, .	0.2	2
34	Smooth curves specialize to extremal curves. Mathematische Annalen, 2015, 361, 459-476.	0.7	2
35	Quasi-cyclic modules and coregular sequences. Mathematische Zeitschrift, 2021, 299, 123-138.	0.4	1