

Mark Goresky

List of Publications by Year in descending order

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31
papers

2,394
citations

516215

16
h-index

433756

31
g-index

35
all docs

35
docs citations

35
times ranked

528
citing authors

#	ARTICLE	IF	CITATIONS
1	Intersection homology theory. <i>Topology</i> , 1980, 19, 135-162.	0.4	478
2	Intersection homology II. <i>Inventiones Mathematicae</i> , 1983, 72, 77-129.	1.3	419
3	Stratified Morse Theory. , 1988, , .		380
4	Equivariant cohomology, Koszul duality, and the localization theorem. <i>Inventiones Mathematicae</i> , 1997, 131, 25-83.	1.3	323
5	Feedback shift registers, 2-adic span, and combiners with memory. <i>Journal of Cryptology</i> , 1997, 10, 111-147.	2.1	207
6	2-Adic shift registers. <i>Lecture Notes in Computer Science</i> , 1994, , 174-178.	1.0	82
7	Linking pairings on singular spaces. <i>Commentarii Mathematici Helvetici</i> , 1983, 58, 96-110.	0.4	51
8	Local contribution to the Lefschetz fixed point formula. <i>Inventiones Mathematicae</i> , 1993, 111, 1-33.	1.3	50
9	Cryptanalysis Based on 2-Adic Rational Approximation. <i>Lecture Notes in Computer Science</i> , 1995, , 262-273.	1.0	48
10	Homology of affine Springer fibers in the unramified case. <i>Duke Mathematical Journal</i> , 2004, 121, 509.	0.8	41
11	Lefschetz fixed point theorem for intersection homology. <i>Commentarii Mathematici Helvetici</i> , 1985, 60, 366-391.	0.4	34
12	Purity of equivalued affine Springer fibers. <i>Representation Theory</i> , 2006, 10, 130-146.	0.2	33
13	Wu numbers of singular spaces. <i>Topology</i> , 1989, 28, 325-367.	0.4	31
14	Loop products and closed geodesics. <i>Duke Mathematical Journal</i> , 2009, 150, .	0.8	26
15	Chern classes of automorphic vector bundles. <i>Inventiones Mathematicae</i> , 2002, 147, 561-612.	1.3	25
16	On Decimations of ℓ -Sequences. <i>SIAM Journal on Discrete Mathematics</i> , 2004, 18, 130-140.	0.4	20
17	Efficient multiply-with-carry random number generators with maximal period. <i>ACM Transactions on Modeling and Computer Simulation</i> , 2003, 13, 310-321.	0.6	18
18	Toroidal and reductive Borel-Serre compactifications of locally symmetric spaces. <i>American Journal of Mathematics</i> , 1999, 121, 1095-1151.	0.5	13

#	ARTICLE	IF	CITATIONS
19	On the Spectrum of the Equivariant Cohomology Ring. Canadian Journal of Mathematics, 2010, 62, 262-283.	0.3	13
20	On the K�nneth formula for intersection cohomology. Transactions of the American Mathematical Society, 1992, 333, 63-69.	0.5	12
21	Periodicity and Correlation Properties of d-FCSR Sequences. Designs, Codes, and Cryptography, 2004, 33, 123-148.	1.0	11
22	The topological trace formula. Journal Fur Die Reine Und Angewandte Mathematik, 2003, 2003, .	0.4	10
23	STATISTICAL PROPERTIES OF THE ARITHMETIC CORRELATION OF SEQUENCES. International Journal of Foundations of Computer Science, 2011, 22, 1297-1315.	0.8	10
24	Arithmetic Correlations and Walsh Transforms. IEEE Transactions on Information Theory, 2012, 58, 479-492.	1.5	8
25	Some Results on the Arithmetic Correlation of Sequences. Lecture Notes in Computer Science, 2008, , 71-80.	1.0	5
26	The Moduli Space of Real Abelian Varieties with Level Structure. Compositio Mathematica, 2003, 139, 1-27.	0.5	4
27	Anti-holomorphic multiplication and a real algebraic modular variety. Journal of Differential Geometry, 2003, 65, .	0.5	2
28	Morse Theory, Stratifications and Sheaves. , 2020, , 275-319.		2
29	Real structures on polarized Dieudonn� modules. Pacific Journal of Mathematics, 2019, 303, 217-241.	0.2	1
30	Ordinary points mod p of $GL_n(\hat{\mathbb{Z}})$ -locally symmetric spaces. Pacific Journal of Mathematics, 2019, 303, 165-215.	0.2	1
31	On the Distinctness of Decimations of $\hat{\mathbb{Z}}$ -Sequences. , 2002, , 197-208.		1