

Walter Neumann

List of Publications by Year in descending order

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30
papers

1,106
citations

471509

17
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Volume bounds for generalized twisted torus links. <i>Mathematical Research Letters</i> , 2011, 18, 1097-1120.	0.5	12
2	On Leighton's graph covering theorem. <i>Groups, Geometry, and Dynamics</i> , 2010, 4, 863-872.	0.5	8
3	Complex surface singularities with integral homology sphere links. <i>Geometry and Topology</i> , 2005, 9, 757-811.	1.3	38
4	Complete intersection singularities of splice type as universal abelian covers. <i>Geometry and Topology</i> , 2005, 9, 699-755.	1.3	52
5	Universal abelian covers of quotient-cusps. <i>Mathematische Annalen</i> , 2003, 326, 75-93.	1.4	18
6	Rational polynomials of simple type. <i>Pacific Journal of Mathematics</i> , 2002, 204, 177-207.	0.5	12
7	Immersed and virtually embedded injective surfaces in graph manifolds. <i>Algebraic and Geometric Topology</i> , 2001, 1, 411-426.	0.4	11
8	Vanishing cycles and monodromy of complex polynomials. <i>Duke Mathematical Journal</i> , 2000, 101, 487.	1.5	14
9	Nontrivial rational polynomials in two variables have reducible fibres. <i>Bulletin of the Australian Mathematical Society</i> , 1998, 58, 501-503.	0.5	6
10	Central Extensions of Word Hyperbolic Groups. <i>Annals of Mathematics</i> , 1997, 145, 183.	4.2	23
11	Commensurability and virtual fibration for graph manifolds. <i>Topology</i> , 1997, 36, 355-378.	0.3	30
12	Amalgamation and the invariant trace field of a Kleinian group. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1991, 109, 509-515.	0.4	17
13	Casson invariant of links of singularities. <i>Commentarii Mathematici Helvetici</i> , 1990, 65, 58-78.	0.7	70
14	Complex algebraic plane curves via their links at infinity. <i>Inventiones Mathematicae</i> , 1989, 98, 445-489.	2.5	56
15	On bilinear forms represented by trees. <i>Bulletin of the Australian Mathematical Society</i> , 1989, 40, 303-321.	0.5	12
16	Unfoldings in knot theory. <i>Mathematische Annalen</i> , 1988, 282, 349-351.	1.4	25
17	A geometric invariant of discrete groups. <i>Inventiones Mathematicae</i> , 1987, 90, 451-477.	2.5	191
18	Unfoldings in knot theory. <i>Mathematische Annalen</i> , 1987, 278, 409-439.	1.4	28

#	ARTICLE	IF	CITATIONS
19	Homomorphisms of Fuchsian groups to $PSL(2, \hat{\mathbb{Z}})$. Commentarii Mathematici Helvetici, 1985, 60, 480-495.	0.7	15
20	Rotation numbers of products of circle homeomorphisms. Mathematische Annalen, 1985, 271, 381-400.	1.4	40
21	Transverse foliations of Seifert bundles and self homeomorphism of the circle. Commentarii Mathematici Helvetici, 1981, 56, 638-660.	0.7	74
22	A calculus for plumbing applied to the topology of complex surface singularities and degenerating complex curves. Transactions of the American Mathematical Society, 1981, 268, 299-344.	0.9	201
23	Four-manifolds constructed via plumbing. Mathematische Annalen, 1978, 238, 71-78.	1.4	9
24	Generalizations of the Poincaré-Birkhoff fixed point theorem. Bulletin of the Australian Mathematical Society, 1977, 17, 375-389.	0.5	22
25	Products of knots, branched fibrations and sums of singularities. Topology, 1977, 16, 369-393.	0.3	30
26	Brieskorn complete intersections and automorphic forms. Inventiones Mathematicae, 1977, 42, 285-293.	2.5	30
27	Manifold cutting and pasting groups. Topology, 1975, 14, 237-244.	0.3	9
28	Fibering over the circle within a bordism class. Mathematische Annalen, 1971, 192, 191-192.	1.4	12
29	On the quasivariety of convex subsets of affine spaces. Archiv Der Mathematik, 1970, 21, 11-16.	0.5	32
30	Lipschitz geometry of complex curves. Journal of Singularities, 0, , .	0.1	9