

Peter McMullen

List of Publications by Year in descending order

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35
papers

696
citations

759233

12
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713466

21
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38
all docs

38
docs citations

38
times ranked

95
citing authors

#	ARTICLE	IF	CITATIONS
1	The polytope algebra. <i>Advances in Mathematics</i> , 1989, 78, 76-130.	1.1	85
2	Realizations of regular polytopes. <i>Aequationes Mathematicae</i> , 1989, 37, 38-56.	0.8	50
3	Regular polytopes from twisted Coxeter groups and unitary reflexion groups. <i>Advances in Mathematics</i> , 1990, 82, 35-87.	1.1	31
4	Regular Polytopes of Full Rank. <i>Discrete and Computational Geometry</i> , 2004, 32, 1-35.	0.6	30
5	Hermitian forms and locally toroidal regular polytopes. <i>Advances in Mathematics</i> , 1990, 82, 88-125.	1.1	28
6	Higher Toroidal Regular Polytopes. <i>Advances in Mathematics</i> , 1996, 117, 17-51.	1.1	25
7	Weakly continuous valuations on convex polytopes. <i>Archiv Der Mathematik</i> , 1983, 41, 555-564.	0.5	21
8	Four-Dimensional Regular Polyhedra. <i>Discrete and Computational Geometry</i> , 2007, 38, 355-387.	0.6	19
9	Valuations on lattice polytopes. <i>Advances in Mathematics</i> , 2009, 220, 303-323.	1.1	16
10	Mixed Fibre Polytopes. <i>Discrete and Computational Geometry</i> , 2004, 32, 521-532.	0.6	15
11	Regular polyhedra related to projective linear groups. <i>Discrete Mathematics</i> , 1991, 91, 161-170.	0.7	12
12	Regular Apeirotopes of Dimension and Rank 4. <i>Discrete and Computational Geometry</i> , 2009, 42, 224-260.	0.6	12
13	Realizations of regular apeirotopes. <i>Aequationes Mathematicae</i> , 1994, 47, 223-239.	0.8	10
14	Realizations of regular polytopes, III. <i>Aequationes Mathematicae</i> , 2011, 82, 35-63.	0.8	10
15	Locally projective regular polytopes. <i>Journal of Combinatorial Theory - Series A</i> , 1994, 65, 1-10.	0.8	9
16	Regular Polytopes of Nearly Full Rank. <i>Discrete and Computational Geometry</i> , 2011, 46, 660-703.	0.6	9
17	Locally toroidal regular polytopes of rank 4. <i>Commentarii Mathematici Helvetici</i> , 1992, 67, 77-118.	0.7	8
18	Twisted Groups and Locally Toroidal Regular Polytopes. <i>Transactions of the American Mathematical Society</i> , 1996, 348, 1373-1410.	0.9	8

#	ARTICLE	IF	CITATIONS
19	Symmetric Tessellations on Euclidean Space-Forms. Canadian Journal of Mathematics, 1999, 51, 1230-1239.	0.6	7
20	The Mix of a Regular Polytype with a Face. Annals of Combinatorics, 2002, 6, 77-86.	0.6	7
21	Realizations of regular polytopes, IV. Aequationes Mathematicae, 2014, 87, 1-30.	0.8	5
22	The Groups of the Regular Star-Polytopes. Canadian Journal of Mathematics, 1998, 50, 426-448.	0.6	5
23	Flat regular polytopes. Annals of Combinatorics, 1997, 1, 261-278.	0.6	4
24	New Combinations of Convex Sets. Geometriae Dedicata, 1999, 78, 1-19.	0.3	4
25	Fibre tilings. Mathematika, 2003, 50, 1-33.	0.5	4
26	Regular Polytopes of Nearly Full Rank: Addendum. Discrete and Computational Geometry, 2013, 49, 703-705.	0.6	4
27	The regular polyhedra of type $\{p, 3\}$ with $2p$ vertices. Geometriae Dedicata, 1992, 43, 285.	0.3	2
28	Locally unitary groups and regular polytopes. Advances in Applied Mathematics, 2002, 29, 1-45.	0.7	2
29	QUASI-PERIODIC TILINGS OF ORDINARY SPACE. International Journal of Modern Physics B, 1993, 07, 1365-1377.	2.0	1
30	Quasi-Regular Polytopes of Full Rank. Discrete and Computational Geometry, 2021, 66, 475-509.	0.6	1
31	Valuations and Tensor Weights on Polytopes. Mathematika, 2006, 53, 1-47.	0.5	0
32	Lattices compatible with regular polytopes. European Journal of Combinatorics, 2008, 29, 1925-1932.	0.8	0
33	Regular compounds of honeycombs in $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="double-struck"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 3 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$ and $\langle \text{mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.gif" overflow="scroll"} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mi mathvariant="double-struck"} \rangle H \langle \text{mml:mi} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mn} \rangle 4 \langle \text{mml:mn} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msup} \rangle \langle \text{mml:math} \rangle$.	1.1	0
34	Identifying a polytope by its fibre polytopes. Beitrage Zur Algebra Und Geometrie, 2021, 62, 101-108.	0.5	0
35	Rigidity of Regular Polytopes. Fields Institute Communications, 2014, , 253-278.	1.3	0