

# Egon Schulte

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2262822/publications.pdf>

Version: 2024-02-01

58  
papers

957  
citations

516710

16  
h-index

642732

23  
g-index

60  
all docs

60  
docs citations

60  
times ranked

110  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chirality and projective linear groups. <i>Discrete Mathematics</i> , 1994, 131, 221-261.	0.7	54
2	Reguläre Inzidenzkomplexe II. <i>Geometriae Dedicata</i> , 1983, 14, 33.	0.3	44
3	Reguläre Inzidenzkomplexe III. <i>Geometriae Dedicata</i> , 1983, 14, 57.	0.3	40
4	Chiral Polyhedra in Ordinary Space, I. <i>Discrete and Computational Geometry</i> , 2004, 32, 55-99.	0.6	33
5	Amalgamation of Regular Incidence-Polytopes. <i>Proceedings of the London Mathematical Society</i> , 1988, s3-56, 303-328.	1.3	29
6	Groups of type $L_2(q)$ acting on polytopes. <i>Advances in Geometry</i> , 2007, 7, 529-539.	0.4	29
7	Hermitian forms and locally toroidal regular polytopes. <i>Advances in Mathematics</i> , 1990, 82, 88-125.	1.1	28
8	Higher Toroidal Regular Polytopes. <i>Advances in Mathematics</i> , 1996, 117, 17-51.	1.1	25
9	Regular incidence-polytopes with Euclidean or toroidal faces and vertex-figures. <i>Journal of Combinatorial Theory - Series A</i> , 1985, 40, 305-330.	0.8	24
10	Chiral Polyhedra in Ordinary Space, II. <i>Discrete and Computational Geometry</i> , 2005, 34, 181-229.	0.6	24
11	Constructions of Chiral Polytopes of Small Rank. <i>Canadian Journal of Mathematics</i> , 2011, 63, 1254-1283.	0.6	24
12	Semisymmetric graphs from polytopes. <i>Journal of Combinatorial Theory - Series A</i> , 2007, 114, 421-435.	0.8	23
13	Polyhedra, complexes, nets and symmetry. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2014, 70, 203-216.	0.1	22
14	On Arranging Regular Incidence-Complexes as Faces of Higher-Dimensional Ones. <i>European Journal of Combinatorics</i> , 1983, 4, 375-384.	0.8	17
15	Problems on polytopes, their groups, and realizations. <i>Periodica Mathematica Hungarica</i> , 2006, 53, 231-255.	0.9	16
16	On the origin of crystallinity: a lower bound for the regularity radius of Delone sets. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2018, 74, 616-629.	0.1	16
17	Free Extensions of Chiral Polytopes. <i>Canadian Journal of Mathematics</i> , 1995, 47, 641-654.	0.6	16
18	Reflection groups and polytopes over finite fields, I. <i>Advances in Applied Mathematics</i> , 2004, 33, 290-317.	0.7	15

#	ARTICLE	IF	CITATIONS
19	Semiregular polytopes and amalgamated C-groups. <i>Advances in Mathematics</i> , 2012, 229, 2767-2791.	1.1	15
20	Reflection groups and polytopes over finite fields, II. <i>Advances in Applied Mathematics</i> , 2007, 38, 327-356.	0.7	12
21	Reflection groups and polytopes over finite fields, III. <i>Advances in Applied Mathematics</i> , 2008, 41, 76-94.	0.7	12
22	Regular polygonal complexes in space, I. <i>Transactions of the American Mathematical Society</i> , 2010, 362, 6679-6679.	0.9	11
23	Regular polyhedra of index two, I. <i>Beitrage Zur Algebra Und Geometrie</i> , 2011, 52, 133-161.	0.5	11
24	Finite polytopes have finite regular covers. <i>Journal of Algebraic Combinatorics</i> , 2014, 40, 75-82.	0.8	10
25	On the Regularity Radius of Delone Sets in $\mathbb{R}^3$ . <i>Discrete and Computational Geometry</i> , 2021, 66, 996-1024.	0.6	10
26	The existence of non-tiles and non-facets in three dimensions. <i>Journal of Combinatorial Theory - Series A</i> , 1985, 38, 75-81.	0.8	9
27	Modular Reduction in Abstract Polytopes. <i>Canadian Mathematical Bulletin</i> , 2009, 52, 435-450.	0.5	9
28	Regular polygonal complexes in space, II. <i>Transactions of the American Mathematical Society</i> , 2012, 365, 2031-2061.	0.9	9
29	Konstruktion regulärer Hüllen konstanter Breite. <i>Monatshefte Fur Mathematik</i> , 1981, 92, 313-322.	0.9	8
30	Locally toroidal regular polytopes of rank 4. <i>Commentarii Mathematici Helvetici</i> , 1992, 67, 77-118.	0.7	8
31	Twisted Groups and Locally Toroidal Regular Polytopes. <i>Transactions of the American Mathematical Society</i> , 1996, 348, 1373-1410.	0.9	8
32	Preassigning the shape for bodies of constant width. <i>Monatshefte Fur Mathematik</i> , 1983, 96, 157-164.	0.9	7
33	Space fillers of higher genus. <i>Journal of Combinatorial Theory - Series A</i> , 1994, 68, 438-453.	0.8	7
34	Symmetric Tessellations on Euclidean Space-Forms. <i>Canadian Journal of Mathematics</i> , 1999, 51, 1230-1239.	0.6	7
35	The Mix of a Regular Polytype with a Face. <i>Annals of Combinatorics</i> , 2002, 6, 77-86.	0.6	7
36	Polytopes with Preassigned Automorphism Groups. <i>Discrete and Computational Geometry</i> , 2015, 54, 444-458.	0.6	7

#	ARTICLE	IF	CITATIONS
37	Chiral polytopes from hyperbolic honeycombs. <i>Discrete and Computational Geometry</i> , 1995, 13, 17-39.	0.6	6
38	Manifold structures on abstract regular polytopes. <i>Aequationes Mathematicae</i> , 1995, 49, 12-35.	0.8	6
39	The graphicahedron. <i>European Journal of Combinatorics</i> , 2010, 31, 1868-1879.	0.8	5
40	Convex-Faced Combinatorially Regular Polyhedra of Small Genus. <i>Symmetry</i> , 2012, 4, 1-14.	2.2	5
41	Colorful associahedra and cyclohedra. <i>Journal of Combinatorial Theory - Series A</i> , 2015, 129, 122-141.	0.8	5
42	Hereditary Polytopes. <i>Fields Institute Communications</i> , 2014, , 279-302.	1.3	5
43	On the size of equifaceted semi-regular polytopes. <i>Glasnik Matematički</i> , 2012, 47, 421-430.	0.3	5
44	Flat regular polytopes. <i>Annals of Combinatorics</i> , 1997, 1, 261-278.	0.6	4
45	Wythoffian Skeletal Polyhedra in Ordinary Space, I. <i>Discrete and Computational Geometry</i> , 2016, 56, 657-692.	0.6	4
46	Locally toroidal polytopes and modular linear groups. <i>Discrete Mathematics</i> , 2010, 310, 1759-1771.	0.7	3
47	Colorful polytopes and graphs. <i>Israel Journal of Mathematics</i> , 2013, 195, 647-675.	0.8	3
48	Polygonal Complexes and Graphs for Crystallographic Groups. <i>Fields Institute Communications</i> , 2014, , 325-344.	1.3	3
49	Locally unitary groups and regular polytopes. <i>Advances in Applied Mathematics</i> , 2002, 29, 1-45.	0.7	2
50	Cube-like incidence complexes and their groups. <i>Proceedings of the Steklov Institute of Mathematics</i> , 2015, 288, 226-242.	0.3	2
51	Symmetric graphicahedra. <i>Ars Mathematica Contemporanea</i> , 2012, 5, 383-405.	0.6	2
52	Icosahedral skeletal polyhedra realizing Petrie relatives of Gordan's regular map. <i>Beitrage Zur Algebra Und Geometrie</i> , 2013, 54, 651-657.	0.5	1
53	Skeletal Geometric Complexes and Their Symmetries. <i>Mathematical Intelligencer</i> , 2017, 39, 5-16.	0.2	1
54	The Assembly Problem for Alternating Semiregular Polytopes. <i>Discrete and Computational Geometry</i> , 2020, 64, 453-482.	0.6	1

#	ARTICLE	IF	CITATIONS
55	Symmetric Graphs from Polytopes of High Rank. <i>Graphs and Combinatorics</i> , 2012, 28, 843-857.	0.4	0
56	Universal Alternating Semiregular Polytopes. <i>Canadian Journal of Mathematics</i> , 2021, 73, 572-595.	0.6	0
57	Regular Incidence Complexes, Polytopes, and C-Groups. <i>Springer Proceedings in Mathematics and Statistics</i> , 2018, , 311-333.	0.2	0
58	Isotopy classification of three-dimensional embedded nets. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2020, 76, 273-274.	0.1	0