

# Jean-Marc Schlenker

## List of Publications by Year in descending order

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59  
papers

871  
citations

516710

16  
h-index

552781

26  
g-index

61  
all docs

61  
docs citations

61  
times ranked

276  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperideal polyhedra in the 3-dimensional anti-de Sitter space. <i>Advances in Mathematics</i> , 2022, 404, 108441.	1.1	0
2	Weakly inscribed polyhedra. <i>Transactions of the American Mathematical Society Series B</i> , 2022, 9, 415-449.	1.1	0
3	Bending laminations on convex hulls of anti-de Sitter quasi-circles. <i>Proceedings of the London Mathematical Society</i> , 2021, 123, 410-432.	1.3	1
4	A Hyperbolic Proof of Pascal's Theorem. <i>Mathematical Intelligencer</i> , 2021, 43, 130-133.	0.2	0
5	Quasircles and width of Jordan curves in $CP^1$ . <i>Bulletin of the London Mathematical Society</i> , 2021, 53, 507-523.	0.8	1
6	The induced metric on the boundary of the convex hull of a quasicircle in hyperbolic and anti-de Sitter geometry. <i>Geometry and Topology</i> , 2021, 25, 2827-2911.	1.3	9
7	Polyhedra inscribed in a quadric. <i>Inventiones Mathematicae</i> , 2020, 221, 237-300.	2.5	12
8	Constant Gauss curvature foliations of AdS spacetimes with particles. <i>Transactions of the American Mathematical Society</i> , 2020, 373, 4013-4049.	0.9	1
9	Hyperbolic ends with particles and grafting on singular surfaces. <i>Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire</i> , 2019, 36, 181-216.	1.4	1
10	THE RENORMALIZED VOLUME AND UNIFORMIZATION OF CONFORMAL STRUCTURES. <i>Journal of the Institute of Mathematics of Jussieu</i> , 2018, 17, 853-912.	0.7	2
11	Small circulant complex Hadamard matrices of Butson type. <i>European Journal of Combinatorics</i> , 2016, 51, 306-314.	0.8	6
12	A cyclic extension of the earthquake flow II. <i>Annales Scientifiques De L'Ecole Normale Superieure</i> , 2015, 48, 811-859.	0.8	10
13	Productivity and mobility in academic research: evidence from mathematicians. <i>Scientometrics</i> , 2014, 98, 1669-1701.	3.0	46
14	Recovering the Geometry of a Flat Spacetime from Background Radiation. <i>Annales Henri Poincare</i> , 2014, 15, 1733-1799.	1.7	2
15	Collisions of Particles in Locally AdS Spacetimes II Moduli of Globally Hyperbolic Spaces. <i>Communications in Mathematical Physics</i> , 2014, 327, 691-735.	2.2	5
16	The convex core of quasifuchsian manifolds with particles. <i>Geometry and Topology</i> , 2014, 18, 2309-2373.	1.3	7
17	Analytic aspects of the circulant Hadamard conjecture. <i>Annales Mathematiques Blaise Pascal</i> , 2014, 21, 25-59.	0.1	2
18	A cyclic extension of the earthquake flow I. <i>Geometry and Topology</i> , 2013, 17, 157-234.	1.3	16

#	ARTICLE	IF	CITATIONS
19	The renormalized volume and the volume of the convex core of quasifuchsian manifolds. <i>Mathematical Research Letters</i> , 2013, 20, 773-786.	0.5	16
20	Volume maximization and the extended hyperbolic space. <i>Proceedings of the American Mathematical Society</i> , 2012, 140, 1053-1068.	0.8	1
21	Fixed points of compositions of earthquakes. <i>Duke Mathematical Journal</i> , 2012, 161, .	1.5	16
22	Non-rigidity of Spherical Inversive Distance Circle Packings. <i>Discrete and Computational Geometry</i> , 2012, 47, 610-617.	0.6	9
23	The Weil-Petersson metric and the renormalized volume of hyperbolic 3-manifolds. , 2012, , 779-819.		6
24	Flippable tilings of constant curvature surfaces. <i>Illinois Journal of Mathematics</i> , 2012, 56, .	0.1	2
25	Collisions of Particles in Locally AdS Spacetimes I. Local Description and Global Examples. <i>Communications in Mathematical Physics</i> , 2011, 308, 147-200.	2.2	25
26	On polynomial integrals over the orthogonal group. <i>Journal of Combinatorial Theory - Series A</i> , 2011, 118, 778-795.	0.8	10
27	COMBINATORIAL ASPECTS OF ORTHOGONAL GROUP INTEGRALS. <i>International Journal of Mathematics</i> , 2011, 22, 1611-1646.	0.5	5
28	On orthogonal matrices maximizing the 1-norm. <i>Indiana University Mathematics Journal</i> , 2010, 59, 839-856.	0.9	10
29	Maximal surfaces and the universal Teichmüller space. <i>Inventiones Mathematicae</i> , 2010, 182, 279-333.	2.5	42
30	On the infinitesimal rigidity of weakly convex polyhedra. <i>European Journal of Combinatorics</i> , 2010, 31, 1080-1090.	0.8	5
31	Profiles of Inflated Surfaces. <i>Journal of Nonlinear Mathematical Physics</i> , 2010, 17, 145.	1.3	8
32	Infinitesimal rigidity of polyhedra with vertices in convex position. <i>Pacific Journal of Mathematics</i> , 2010, 248, 171-190.	0.5	14
33	Ads Manifolds With Particles and Earthquakes on Singular Surfaces. <i>Geometric and Functional Analysis</i> , 2009, 19, 41-82.	1.8	27
34	Representations of quantum permutation algebras. <i>Journal of Functional Analysis</i> , 2009, 257, 2864-2910.	1.4	14
35	On weakly convex star-shaped polyhedra. <i>Discrete Mathematics</i> , 2009, 309, 6139-6145.	0.7	3
36	A symplectic map between hyperbolic and complex Teichmüller theory. <i>Duke Mathematical Journal</i> , 2009, 150, .	1.5	11

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37	Quasi-Fuchsian manifolds with particles. <i>Journal of Differential Geometry</i> , 2009, 83, .	1.1	11
38	On the Renormalized Volume of Hyperbolic 3-Manifolds. <i>Communications in Mathematical Physics</i> , 2008, 279, 637-668.	2.2	41
39	Circle Patterns on Singular Surfaces. <i>Discrete and Computational Geometry</i> , 2008, 40, 47-102.	0.6	8
40	Higher Schläfli Formulas and Applications. II: Vector-Valued Differential Relations. <i>International Mathematics Research Notices</i> , 2008, 2008, .	1.0	0
41	Minimal surfaces and particles in 3-manifolds. <i>Geometriae Dedicata</i> , 2007, 126, 187-254.	0.3	59
42	Notes on a paper of Mess. <i>Geometriae Dedicata</i> , 2007, 126, 47-70.	0.3	39
43	Small deformations of polygons and polyhedra. <i>Transactions of the American Mathematical Society</i> , 2006, 359, 2155-2189.	0.9	16
44	Hyperbolic manifolds with convex boundary. <i>Inventiones Mathematicae</i> , 2006, 163, 109-169.	2.5	28
45	A Rigidity Criterion for Non-Convex Polyhedra. <i>Discrete and Computational Geometry</i> , 2005, 33, 207-221.	0.6	14
46	Rhombic embeddings of planar quad-graphs. <i>Transactions of the American Mathematical Society</i> , 2004, 357, 3443-3458.	0.9	58
47	Higher Schläfli Formulas and Applications. <i>Compositio Mathematica</i> , 2003, 135, 1-24.	0.8	8
48	Einstein manifolds with convex boundaries. <i>Commentarii Mathematici Helvetici</i> , 2001, 76, 1-28.	0.7	15
49	Convex polyhedra in Lorentzian space-forms. <i>Asian Journal of Mathematics</i> , 2001, 5, 327-364.	0.3	19
50	Surfaces convexes fuchsiennes dans les espaces lorentziens à courbure constante. <i>Mathematische Annalen</i> , 2000, 316, 465-483.	1.4	26
51	Dihedral Angles of Convex Polyhedra. <i>Discrete and Computational Geometry</i> , 2000, 23, 409-417.	0.6	16
52	The Schläfli formula in Einstein manifolds with boundary. <i>Electronic Research Announcements in Mathematical Sciences</i> , 1999, 5, 18-23.	0.7	20
53	Métriques sur les polyèdres hyperboliques convexes. <i>Journal of Differential Geometry</i> , 1998, 48, 323.	1.1	36
54	Contrôle de l'équation des ondes dans des ouverts comportant des coins. <i>Bulletin De La Societe Mathematique De France</i> , 1998, 126, 601-637.	0.2	13

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55	Réalisations de surfaces hyperboliques complètes dans $\mathbb{H}^3$ . Annales De L'Institut Fourier, 1998, 48, 837-860.	0.6	4
56	Surfaces convexes dans des espaces lorentziens à courbure constante. Communications in Analysis and Geometry, 1996, 4, 285-331.	0.4	22
57	Compactly supported bidimensional wavelet bases with hexagonal symmetry. Constructive Approximation, 1993, 9, 209-236.	3.0	60
58	Submatrices of Hadamard matrices: complementation results. Electronic Journal of Linear Algebra, 0, 27, .	0.6	4
59	Des immersions isométriques de surfaces aux variétés hyperboliques à bord convexe. Séminaire De Théorie Spectrale Et Géométrie, 0, 21, 165-216.	0.0	2