Jean-Marc Schlenker

List of Publications by Year
in descending order

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	Compactly supported bidimensional wavelet bases with hexagonal symmetry. Constructive Approximation, 1993, 9, 209-236.	3.0	60
2	Minimal surfaces and particles in 3-manifolds. Geometriae Dedicata, 2007, 126, 187-254.	0.3	59
3	Rhombic embeddings of planar quad-graphs. Transactions of the American Mathematical Society, 2004, 357, 3443-3458.	0.9	58
4	Productivity and mobility in academic research: evidence from mathematicians. Scientometrics, 2014, 98, 1669-1701.	3.0	46
5	Maximal surfaces and the universal Teichmüller space. Inventiones Mathematicae, 2010, 182, 279-333.	2.5	42
6	On the Renormalized Volume of Hyperbolic 3-Manifolds. Communications in Mathematical Physics, 2008, 279, 637-668.	2.2	41
7	Notes on a paper of Mess. Geometriae Dedicata, 2007, 126, 47-70.	0.3	39
8	Métriques sur les polyèdres hyperboliques convexes. Journal of Differential Geometry, 1998, 48, 323.	1.1	36
9	Hyperbolic manifolds with convex boundary. Inventiones Mathematicae, 2006, 163, 109-169.	2.5	28
10	Ads Manifolds With Particles and Earthquakes on Singular Surfaces. Geometric and Functional Analysis, 2009, 19, 41-82.	1.8	27
11	Surfaces convexes fuchsiennes dans les espaces lorentziens ï¿½ courbure constante. Mathematische Annalen, 2000, 316, 465-483.	1.4	26
12	Collisions of Particles in Locally AdS Spacetimes I. Local Description and Global Examples. Communications in Mathematical Physics, 2011, 308, 147-200.	2.2	25
13	Surfaces convexes dans des espaces lorentziens à courbure constante. Communications in Analysis and Geometry, 1996, 4, 285-331.	0.4	22
14	The Schläfli formula in Einstein manifolds with boundary. Electronic Research Announcements in Mathematical Sciences, 1999, 5, 18-23.	0.7	20
15	Convex polyhedra in Lorentzian space-forms. Asian Journal of Mathematics, 2001, 5, 327-364.	0.3	19
16	Dihedral Angles of Convex Polyhedra. Discrete and Computational Geometry, 2000, 23, 409-417.	0.6	16
17	Small deformations of polygons and polyhedra. Transactions of the American Mathematical Society, 2006, 359, 2155-2189.	0.9	16
18	Fixed points of compositions of earthquakes. Duke Mathematical Journal, 2012, 161, .	1.5	16

#	Article	IF	Citations
19	A cyclic extension of the earthquake flow I. Geometry and Topology, 2013, 17, 157-234.	1.3	16
20	The renormalized volume and the volume of the convex core of quasifuchsian manifolds. Mathematical Research Letters, 2013, 20, 773-786.	0.5	16
21	Einstein manifolds with convex boundaries. Commentarii Mathematici Helvetici, 2001, 76, 1-28.	0.7	15
22	A Rigidity Criterion for Non-Convex Polyhedra. Discrete and Computational Geometry, 2005, 33, 207-221.	0.6	14
23	Representations of quantum permutation algebras. Journal of Functional Analysis, 2009, 257, 2864-2910.	1.4	14
24	Infinitesimal rigidity of polyhedra with vertices in convex position. Pacific Journal of Mathematics, 2010, 248, 171-190.	0.5	14
25	Contrôle de l'équation des ondes dans des ouverts comportant des coins. Bulletin De La Societe Mathematique De France, 1998, 126, 601-637.	0.2	13
26	Polyhedra inscribed in a quadric. Inventiones Mathematicae, 2020, 221, 237-300.	2.5	12
27	A symplectic map between hyperbolic and complex Teichmüller theory. Duke Mathematical Journal, 2009, 150, .	1.5	11
28	Quasi-Fuchsian manifolds with particles. Journal of Differential Geometry, 2009, 83, .	1.1	11
29	On orthogonal matrices maximizing the 1-norm. Indiana University Mathematics Journal, 2010, 59, 839-856.	0.9	10
30	On polynomial integrals over the orthogonal group. Journal of Combinatorial Theory - Series A, 2011, 118, 778-795.	0.8	10
31	A cyclic extension of the earthquake flow II. Annales Scientifiques De L'Ecole Normale Superieure, 2015, 48, 811-859.	0.8	10
32	Non-rigidity of Spherical Inversive Distance Circle Packings. Discrete and Computational Geometry, 2012, 47, 610-617.	0.6	9
33	The induced metric on the boundary of the convex hull of a quasicircle in hyperbolic and anti-de Sitter geometry. Geometry and Topology, 2021, 25, 2827-2911.	1.3	9
34	Higher Schläfli Formulas and Applications. Compositio Mathematica, 2003, 135, 1-24.	0.8	8
35	Circle Patterns on Singular Surfaces. Discrete and Computational Geometry, 2008, 40, 47-102.	0.6	8
36	Profiles of Inflated Surfaces. Journal of Nonlinear Mathematical Physics, 2010, 17, 145.	1.3	8

#	Article	IF	Citations
37	The convex core of quasifuchsian manifolds with particles. Geometry and Topology, 2014, 18, 2309-2373.	1.3	7
38	Small circulant complex Hadamard matrices of Butson type. European Journal of Combinatorics, 2016, 51, 306-314.	0.8	6
39	The Weil–Petersson metric and the renormalized volume of hyperbolic 3-manifolds. , 2012, , 779-819.		6
40	On the infinitesimal rigidity of weakly convex polyhedra. European Journal of Combinatorics, 2010, 31, 1080-1090.	0.8	5
41	COMBINATORIAL ASPECTS OF ORTHOGONAL GROUP INTEGRALS. International Journal of Mathematics, 2011, 22, 1611-1646.	0.5	5
42	Collisions of Particles in Locally AdS Spacetimes II Moduli of Globally Hyperbolic Spaces. Communications in Mathematical Physics, 2014, 327, 691-735.	2.2	5
43	Submatrices of Hadamard matrices: complementation results. Electronic Journal of Linear Algebra, 0, 27, .	0.6	4
44	Réalisations de surfaces hyperboliques complètes dans H^3. Annales De L'Institut Fourier, 1998, 48, 837-860.	0.6	4
45	On weakly convex star-shaped polyhedra. Discrete Mathematics, 2009, 309, 6139-6145.	0.7	3
46	Recovering the Geometry of a Flat Spacetime from Background Radiation. Annales Henri Poincare, 2014, 15, 1733-1799.	1.7	2
47	THE RENORMALIZED VOLUME AND UNIFORMIZATION OF CONFORMAL STRUCTURES. Journal of the Institute of Mathematics of Jussieu, 2018, 17, 853-912.	0.7	2
48	Des immersions isométriques de surfaces aux variétés hyperboliques à bord convexe. Séminaire De Théorie Spectrale Et Géométrie, 0, 21, 165-216.	0.0	2
49	Flippable tilings of constant curvature surfaces. Illinois Journal of Mathematics, 2012, 56, .	0.1	2
50	Analytic aspects of the circulant Hadamard conjecture. Annales Mathematiques Blaise Pascal, 2014, 21, 25-59.	0.1	2
51	Volume maximization and the extended hyperbolic space. Proceedings of the American Mathematical Society, 2012, 140, 1053-1068.	0.8	1
52	Hyperbolic ends with particles and grafting on singular surfaces. Annales De L'Institut Henri Poincare (C) Analyse Non Lineaire, 2019, 36, 181-216.	1.4	1
53	Bending laminations on convex hulls of anti–de Sitter quasi–circles. Proceedings of the London Mathematical Society, 2021, 123, 410-432.	1.3	1
54	Quasicircles and width of Jordan curves in CP1. Bulletin of the London Mathematical Society, 2021, 53, 507-523.	0.8	1

#	Article	IF	Citations
55	Constant Gauss curvature foliations of AdS spacetimes with particles. Transactions of the American Mathematical Society, 2020, 373, 4013-4049.	0.9	1
56	Higher Schläfli Formulas and Applications. II: Vector-Valued Differential Relations. International Mathematics Research Notices, 2008, 2008, .	1.0	0
57	A Hyperbolic Proof of Pascalâ€™s Theorem. Mathematical Intelligencer, 2021, 43, 130-133.	0.2	0
58	Hyperideal polyhedra in the 3-dimensional anti-de Sitter space. Advances in Mathematics, 2022, 404, 108441.	1.1	0
59	Weakly inscribed polyhedra. Transactions of the American Mathematical Society Series B, 2022, 9, 415-449.	1.1	0