

Scott A Wolpert

List of Publications by Year in descending order

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papers

896
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567281

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752698

20
g-index

24
all docs

24
docs citations

24
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Chern forms and the Riemann tensor for the moduli space of curves. <i>Inventiones Mathematicae</i> , 1986, 85, 119-145.	2.5	157
2	On the Symplectic Geometry of Deformations of a Hyperbolic Surface. <i>Annals of Mathematics</i> , 1983, 117, 207.	4.2	143
3	Geodesic length functions and the Nielsen problem. <i>Journal of Differential Geometry</i> , 1987, 25, 275.	1.1	102
4	Asymptotics of the spectrum and the Selberg zeta function on the space of Riemann surfaces. <i>Communications in Mathematical Physics</i> , 1987, 112, 283-315.	2.2	95
5	The hyperbolic metric and the geometry of the universal curve. <i>Journal of Differential Geometry</i> , 1990, 31, 417.	1.1	66
6	An elementary formula for the Fenchel-Nielsen twist. <i>Commentarii Mathematici Helvetici</i> , 1981, 56, 132-135.	0.7	44
7	Disappearance of Cusp Forms in Special Families. <i>Annals of Mathematics</i> , 1994, 139, 239.	4.2	42
8	Spectral limits for hyperbolic surfaces, II. <i>Inventiones Mathematicae</i> , 1992, 108, 91-129.	2.5	41
9	On the Kähler form of the moduli space of once punctured tori. <i>Commentarii Mathematici Helvetici</i> , 1983, 58, 246-256.	0.7	31
10	Spectral limits for hyperbolic surfaces, I. <i>Inventiones Mathematicae</i> , 1992, 108, 67-89.	2.5	29
11	Cusps and the family hyperbolic metric. <i>Duke Mathematical Journal</i> , 2007, 138, .	1.5	19
12	Geodesic-length functions and the Weil-Petersson curvature tensor. <i>Journal of Differential Geometry</i> , 2012, 91, .	1.1	17
13	The Modulus of Continuity for $\tilde{O}(m)$? Semi-Classical Limits. <i>Communications in Mathematical Physics</i> , 2001, 216, 313-323.	2.2	16
14	Grafting hyperbolic metrics and Eisenstein series. <i>Mathematische Annalen</i> , 2008, 341, 685-706.	1.4	16
15	Topological dynamics of the Weil-Petersson geodesic flow. <i>Advances in Mathematics</i> , 2010, 223, 1225-1235.	1.1	9
16	Infinitesimal deformations of nodal stable curves. <i>Advances in Mathematics</i> , 2013, 244, 413-440.	1.1	8
17	Cut-and-paste deformations of Riemann surfaces. <i>Annales Academiæ Scientiarum Fennicæ Series A I Mathematica</i> , 1988, 13, 401-413.	0.2	6
18	Hyperbolic 3-Manifolds With Nonintersecting Closed Geodesics. <i>Geometriae Dedicata</i> , 2003, 97, 251-257.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Products of twists, geodesic lengths and Thurston shears. <i>Compositio Mathematica</i> , 2015, 151, 313-350.	0.8	1
20	The Hilbert area of inscribed triangles and quadrilaterals. <i>Geometriae Dedicata</i> , 2021, 214, 177-192.	0.3	0
21	The vanishing rate of Weil-Petersson sectional curvatures. <i>Geometriae Dedicata</i> , 2021, 215, 281-295.	0.3	0
22	ASYMPTOTICS OF THE SELBERG ZETA FUNCTION AND THE POLYAKOV BOSONIC INTEGRAND., 1987,, .		0