

Bernard Shiffman

List of Publications by Year in descending order

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49
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymptotic Expansion of the Variance of Random Zeros on Complex Manifolds. Journal of Geometric Analysis, 2021, 31, 8607-8631.	1.0	1
2	Applications of convex geometry to Minkowski sums of m ellipsoids in \mathbb{R}^n : Closed-form parametric equations and volume bounds. International Journal of Mathematics, 2021, 32, .	0.5	4
3	Mathematical aspects of molecular replacement. V. Isolating feasible regions in motion spaces. Acta Crystallographica Section A: Foundations and Advances, 2020, 76, 145-162.	0.1	3
4	Mathematical aspects of molecular replacement. IV. Measure-theoretic decompositions of motion spaces. Acta Crystallographica Section A: Foundations and Advances, 2017, 73, 387-402.	0.1	3
5	Collision-free configuration-spaces in macromolecular crystals. Robotica, 2016, 34, 1679-1704.	1.9	5
6	Asymptotic Expansion of the Off-Diagonal Bergman Kernel on Compact Kähler Manifolds. Journal of Geometric Analysis, 2015, 25, 761-782.	1.0	9
7	Sensor calibration with unknown correspondence: Solving $AX \approx XB$ using Euclidean-group invariants. , 2013, , .		19
8	Random zeros on complex manifolds: conditional expectations. Journal of the Institute of Mathematics of Jussieu, 2011, 10, 753-783.	0.7	7
9	Random Complex Fewnomials, I. , 2011, , 375-400.		3
10	Number Variance of Random Zeros on Complex Manifolds, II: Smooth Statistics. Pure and Applied Mathematics Quarterly, 2010, 6, 1145-1168.	0.4	16
11	Number Variance of Random Zeros on Complex Manifolds. Geometric and Functional Analysis, 2008, 18, 1422-1475.	1.8	52
12	Convergence of random zeros on complex manifolds. Science in China Series A: Mathematics, 2008, 51, 707-720.	0.5	15
13	Overcrowding and hole probabilities for random zeros on complex manifolds. Indiana University Mathematics Journal, 2008, 57, 1977-1998.	0.9	18
14	Zeros of random polynomials on S^m . Mathematical Research Letters, 2007, 14, 469-479.	0.5	44
15	Critical Points and Supersymmetric Vacua, III: String/M Models. Communications in Mathematical Physics, 2006, 265, 617-671.	2.2	28
16	Critical points and supersymmetric vacua, II: Asymptotics and extremal metrics. Journal of Differential Geometry, 2006, 72, .	1.1	22
17	New examples of Kobayashi hyperbolic surfaces in $\mathbb{C}P^3$. Functional Analysis and Its Applications, 2005, 39, 76-79.	0.4	5
18	Critical Points and Supersymmetric Vacua I. Communications in Mathematical Physics, 2004, 252, 325-358.	2.2	74

#	ARTICLE	IF	CITATIONS
19	Distribution laws for integrable eigenfunctions. <i>Annales De L'Institut Fourier</i> , 2004, 54, 1497-1546.	0.6	14
20	Title is missing!. <i>International Mathematics Research Notices</i> , 2003, 2003, 25.	1.0	39
21	Random polynomials with prescribed Newton polytope. <i>Journal of the American Mathematical Society</i> , 2003, 17, 49-108.	3.9	33
22	Random polynomials of high degree and Levy concentration of measure. <i>Asian Journal of Mathematics</i> , 2003, 7, 627-646.	0.3	19
23	Asymptotics of almost holomorphic sections of ample line bundles on symplectic manifolds: An addendum. <i>Proceedings of the American Mathematical Society</i> , 2002, 131, 291-302.	0.8	3
24	Uniqueness of entire and meromorphic functions sharing finite sets. <i>Complex Variables and Elliptic Equations</i> , 2001, 43, 433-449.	0.2	12
25	Correlations Between Zeros and Supersymmetry. <i>Communications in Mathematical Physics</i> , 2001, 224, 255-269.	2.2	13
26	Poincaré-Lelong Approach to Universality and Scaling of Correlations Between Zeros. <i>Communications in Mathematical Physics</i> , 2000, 208, 771-785.	2.2	30
27	Universality and scaling of correlations between zeros on complex manifolds. <i>Inventiones Mathematicae</i> , 2000, 142, 351-395.	2.5	121
28	TWO CLASSES OF HYPERBOLIC SURFACES IN \mathbb{P}^3 . <i>International Journal of Mathematics</i> , 2000, 11, 65-101.	0.5	11
29	Distribution of Zeros of Random and Quantum Chaotic Sections of Positive Line Bundles. <i>Communications in Mathematical Physics</i> , 1999, 200, 661-683.	2.2	158
30	Algebraic approximations of holomorphic maps from Stein domains to projective manifolds. <i>Duke Mathematical Journal</i> , 1994, 76, 333.	1.5	37
31	Properties of compact complex manifolds carrying closed positive currents. <i>Journal of Geometric Analysis</i> , 1993, 3, 37-61.	1.0	38
32	A global Łojasiewicz inequality for algebraic varieties. <i>Transactions of the American Mathematical Society</i> , 1992, 329, 813-818.	0.9	53
33	Cohomology and splitting of Hermitian-Einstein vector bundles. <i>Mathematische Annalen</i> , 1991, 289, 573-579.	1.4	2
34	Title is missing!. <i>Indiana University Mathematics Journal</i> , 1989, 38, 943.	0.9	19
35	Complete characterization of holomorphic chains of codimension one. <i>Mathematische Annalen</i> , 1986, 274, 233-256.	1.4	24
36	A General Second Main Theorem for Meromorphic Functions on \mathbb{C}^n . <i>American Journal of Mathematics</i> , 1984, 106, 509.	1.1	8

#	ARTICLE	IF	CITATIONS
37	Average growth estimates for hyperplane sections of entire analytic sets. <i>Mathematische Annalen</i> , 1981, 257, 43-59.	1.4	34
38	Title is missing!. <i>Indiana University Mathematics Journal</i> , 1979, 28, 627.	0.9	36
39	Holomorphic and meromorphic mappings and curvature. II. <i>Mathematische Annalen</i> , 1977, 230, 15-23.	1.4	0
40	Nevanlinna defect relations for singular divisors. <i>Inventiones Mathematicae</i> , 1976, 31, 155-182.	2.5	26
41	Holomorphic and meromorphic mappings and curvature. <i>Mathematische Annalen</i> , 1976, 222, 171-194.	1.4	10
42	A Characterization of Holomorphic Chains. <i>Annals of Mathematics</i> , 1974, 99, 553.	4.2	69
43	A Counterexample to the "Transcendental Bezout Problem". <i>Annals of Mathematics</i> , 1972, 96, 402.	4.2	36
44	Extension of holomorphic maps into hermitian manifolds. <i>Mathematische Annalen</i> , 1971, 194, 249-258.	1.4	47
45	Extension of positive line bundles and meromorphic maps. <i>Inventiones Mathematicae</i> , 1971, 15, 332-347.	2.5	37
46	Local complex analytic curves in an analytic variety. <i>Proceedings of the American Mathematical Society</i> , 1970, 24, 432-437.	0.8	1
47	On the continuation of analytic sets. <i>Mathematische Annalen</i> , 1970, 185, 1-12.	1.4	13
48	On the continuation of analytic curves. <i>Mathematische Annalen</i> , 1970, 184, 268-274.	1.4	14
49	On the removal of singularities of analytic sets.. <i>Michigan Mathematical Journal</i> , 1968, 15, 111.	0.4	86