

Lawrence Zalcman

List of Publications by Year in descending order

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45
papers

1,666
citations

471509

17
h-index

276875

41
g-index

49
all docs

49
docs citations

49
times ranked

140
citing authors

#	ARTICLE	IF	CITATIONS
1	Normal families: New perspectives. Bulletin of the American Mathematical Society, 1998, 35, 215-231.	1.5	265
2	Normal Families and Shared Values. Bulletin of the London Mathematical Society, 2000, 32, 325-331.	0.8	193
3	Analyticity and the Pompeiu problem. Archive for Rational Mechanics and Analysis, 1972, 47, 237-254.	2.4	147
4	A Heuristic Principle in Complex Function Theory. American Mathematical Monthly, 1975, 82, 813-817.	0.3	146
5	Mean values and differential equations. Israel Journal of Mathematics, 1973, 14, 339-352.	0.8	101
6	Pompeiu's problem on symmetric spaces. Commentarii Mathematici Helvetici, 1980, 55, 593-621.	0.7	98
7	Offbeat Integral Geometry. American Mathematical Monthly, 1980, 87, 161-175.	0.3	91
8	Offbeat Integral Geometry. American Mathematical Monthly, 1980, 87, 161.	0.3	73
9	Normality and shared values. Arkiv for Matematik, 2000, 38, 171-182.	0.5	61
10	Bounded analytic functions on domains of infinite connectivity. Transactions of the American Mathematical Society, 1969, 144, 241-269.	0.9	46
11	Pompeiu's problem on spaces of constant curvature. Journal D'Analyse Mathematique, 1976, 30, 113-130.	0.8	41
12	Uniqueness and Nonuniqueness for the Radon Transform. Bulletin of the London Mathematical Society, 1982, 14, 241-245.	0.8	37
13	Meromorphic functions that share a set with their derivatives. Journal of Mathematical Analysis and Applications, 2008, 338, 1020-1028.	1.0	30
14	Normal families of meromorphic functions with multiple zeros and poles. Israel Journal of Mathematics, 2003, 136, 1-9.	0.8	19
15	Normal families and uniqueness theorems for entire functions. Journal of Mathematical Analysis and Applications, 2003, 280, 273-283.	1.0	18
16	Normal Families of Meromorphic Functions whose Derivatives Omit a Function. Computational Methods and Function Theory, 2003, 2, 257-265.	1.5	18
17	Quasinormality and meromorphic functions with multiple zeros. Journal D'Analyse Mathematique, 2007, 101, 1-23.	0.8	17
18	Derivatives of Meromorphic Functions with Multiple Zeros and Rational Functions. Computational Methods and Function Theory, 2008, 8, 483-491.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Normal Families and Shared Values of Meromorphic Functions III. Computational Methods and Function Theory, 2004, 2, 385-395.	1.5	14
20	Normal families and shared values of meromorphic functions. Annales Polonici Mathematici, 0, 80, 133-141.	0.5	13
21	Normal families and omitted functions II. Bulletin of the London Mathematical Society, 2009, 41, 63-71.	0.8	12
22	Composite meromorphic functions and normal families. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2009, 139, 57-72.	1.2	12
23	Normal families and omitted functions. Indiana University Mathematics Journal, 2005, 54, 223-236.	0.9	11
24	Real Proofs of Complex Theorems (And Vice Versa). American Mathematical Monthly, 1974, 81, 115-137.	0.3	9
25	Normal Families and Shared Values of Meromorphic Functions II. Computational Methods and Function Theory, 2001, 1, 289-299.	1.5	9
26	Normality and fixed-points of meromorphic functions. Arkiv for Matematik, 2005, 43, 307-321.	0.5	9
27	Quasinormal Families of Meromorphic Functions. Revista Matematica Iberoamericana, 2005, 21, 249-262.	0.9	9
28	Normal families of holomorphic functions with multiple zeros. Conformal Geometry and Dynamics, 2007, 11, 101-107.	0.5	8
29	Picard-Hayman behavior of derivatives of meromorphic functions with multiple zeros. Electronic Research Announcements in Mathematical Sciences, 2006, 12, 37-43.	0.7	7
30	Entire functions that share a set with their derivatives. Archiv Der Mathematik, 2007, 89, 561-569.	0.5	7
31	On the value distribution of $\mathcal{A}^2 + a(\mathcal{A}'^2)$. Science in China Series A: Mathematics, 2008, 51, 1196-1202.	0.5	7
32	Moment versions of the Morera problem in \mathbb{C}^n and \mathbb{H}^n . Advances in Applied Mathematics, 2003, 31, 273-300.	0.7	6
33	Picard's Theorem Without Tears. American Mathematical Monthly, 1978, 85, 265-268.	0.3	5
34	NORMALITY AND SHARED SETS. Journal of the Australian Mathematical Society, 2009, 86, 339-354.	0.4	5
35	Modern perspectives on classical function theory. Rocky Mountain Journal of Mathematics, 1982, 12, 75.	0.4	4
36	Normality and attracting fixed points. Bulletin of the London Mathematical Society, 2008, 40, 777-788.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Null Sets for a Class of Analytic Functions. American Mathematical Monthly, 1968, 75, 462-470.	0.3	2
38	Complex Analysis. By Joseph Bak and Donald J. Newman/Invitation to Complex Analysis. By Ralph Philip Boas. American Mathematical Monthly, 1990, 97, 262-266.	0.3	2
39	Quasinormal Families of Meromorphic Functions II. , 2005, , 177-189.		2
40	Analytic functions and harmonic analysis. , 1974, , 139-142.		1
41	The Radon Transform (Sigurdur Helgason). SIAM Review, 1983, 25, 275-278.	9.5	1
42	Completely irreducible sequences of meromorphic functions. Science China Mathematics, 2010, 53, 827-830.	1.7	1
43	Analyticity on Curves. Springer Proceedings in Mathematics, 2012, , 25-44.	0.5	1
44	Normal Families and Complex Dynamics. Oberwolfach Reports, 2007, 4, 487-548.	0.0	0
45	A Tale of Three Theorems. American Mathematical Monthly, 2016, 123, 643.	0.3	0