

Hong-yan Xu

List of Publications by Year in descending order

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84
papers

244
citations

1478280

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84
times ranked

35
citing authors

#	ARTICLE	IF	CITATIONS
1	Entire solutions for several systems of nonlinear difference and partial differential-difference equations of Fermat-type. <i>Journal of Mathematical Analysis and Applications</i> , 2020, 483, 123641.	0.5	37
2	On the multiple values and uniqueness of meromorphic functions on annuli. <i>Computers and Mathematics With Applications</i> , 2009, 58, 1457-1465.	1.4	30
3	Notes on the Existence of Entire Solutions for Several Partial Differential-Difference Equations. <i>Bulletin of the Iranian Mathematical Society</i> , 2021, 47, 1477-1489.	0.4	15
4	The Uniqueness of Analytic Functions on Annuli Sharing Some Values. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-13.	0.3	12
5	Complex oscillation of a second-order linear differential equation with entire coefficients of "Equation missing" <!-- No EquationSource Format="TEX", only image and EquationSource Format="MATHML" --> order. <i>Advances in Difference Equations</i> , 2014, 2014, .	3.5	9
6	The approximation of Laplace-Stieltjes transformations with finite order on the left half plane. <i>Comptes Rendus Mathematique</i> , 2018, 356, 63-76.	0.1	8
7	Uniqueness of meromorphic functions and differential polynomials sharing one value with finite weight. <i>Annales Polonici Mathematici</i> , 2009, 95, 51-66.	0.2	8
8	On the complex oscillation of differential polynomials generated by meromorphic solutions of differential equations in the unit disc. <i>Proceedings of the Indian Academy of Sciences: Mathematical Sciences</i> , 2010, 120, 481-493.	0.2	6
9	The growth and value distribution of Laplace-Stieltjes transformations with infinite order in the right half-plane. <i>Journal of Inequalities and Applications</i> , 2013, 2013, .	0.5	6
10	On the value distribution and uniqueness of difference polynomials of meromorphic functions. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	6
11	The Existence and Growth of Solutions for Several Systems of Complex Nonlinear Difference Equations. <i>Mediterranean Journal of Mathematics</i> , 2019, 16, 1.	0.4	6
12	Some properties of solutions of complex q-shift difference equations. <i>Annales Polonici Mathematici</i> , 2013, 108, 289-304.	0.2	5
13	The Fixed Points of Solutions of Some q-Difference Equations. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-7.	0.3	5
14	Some New Inequalities on Laplace-Stieltjes Transforms Involving Logarithmic Growth. <i>Fractal and Fractional</i> , 2022, 6, 233.	1.6	5
15	On the hyper exponent of convergence of zeros of $f^{(j)}(z)$ of higher order linear differential equations. <i>Advances in Difference Equations</i> , 2012, 2012, .	3.5	4
16	On a conjecture of R. Brück and some linear differential equations. <i>SpringerPlus</i> , 2015, 4, 748.	1.2	4
17	The Existence of Meromorphic Solutions of Some Types of Systems of Complex Functional Equations. <i>Discrete Dynamics in Nature and Society</i> , 2015, 2015, 1-10.	0.5	4
18	On meromorphic functions for sharing two sets and three sets in m-punctured complex plane. <i>Open Mathematics</i> , 2016, 14, 913-924.	0.5	4

#	ARTICLE	IF	CITATIONS
19	The approximation of Laplace-Stieltjes transforms with finite order. <i>Journal of Inequalities and Applications</i> , 2017, 2017, 164.	0.5	4
20	The growth of solutions of systems of complex q-shift difference equations. <i>Advances in Difference Equations</i> , 2012, 2012, .	3.5	3
21	The poles and growth of solutions of systems of complex difference equations. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	3
22	The Shared Set and Uniqueness of Meromorphic Functions on Annuli. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10.	0.3	3
23	On the Deficiencies of Some Differential-Difference Polynomials. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-12.	0.3	3
24	Growth of the solutions of some q-difference differential equations. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	3
25	Entire Functions Represented by Laplace-Stieltjes Transforms Concerning the Approximation and Generalized Order. <i>Acta Mathematica Scientia</i> , 2021, 41, 646-656.	0.5	3
26	The existence and forms of solutions for some Fermat-type differential-difference equations. <i>AIMS Mathematics</i> , 2020, 5, 685-700.	0.7	3
27	Uniqueness of two analytic functions sharing four values in an angular domain. <i>Annales Polonici Mathematici</i> , 2010, 99, 55-65.	0.2	3
28	The inequality and its application of algebroid functions on annulus concerning some polynomials. <i>Publicationes Mathematicae</i> , 2019, 94, 269-287.	0.1	3
29	Some Properties of Meromorphic Solutions of Systems of Complex q-Shift Difference Equations. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.3	2
30	Complex Oscillation of Higher-Order Linear Differential Equations with Coefficients Being Lacunary Series of Finite Iterated Order. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.3	2
31	Exceptional Values of Meromorphic Function on Annulus. <i>Scientific World Journal</i> , The, 2013, 2013, 1-7.	0.8	2
32	The Oscillation on Solutions of Some Classes of Linear Differential Equations with Meromorphic Coefficients of Finite $[p,q]$ -Order. <i>Scientific World Journal</i> , The, 2013, 2013, 1-8.	0.8	2
33	On value distribution and uniqueness of meromorphic function with finite logarithmic order concerning its derivative and q-shift difference. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	0.5	2
34	The uniqueness of meromorphic functions in k -punctured complex plane. <i>Open Mathematics</i> , 2017, 15, 724-733.	0.5	2
35	Zeros, poles, and fixed points of solution and its difference for some types of difference equations. <i>Lithuanian Mathematical Journal</i> , 2020, 60, 544-561.	0.2	2
36	Entire Solutions for Complex Systems of the Second-Order Partial Differential Difference Equations of Fermat Type. <i>Journal of Mathematics</i> , 2021, 2021, 1-14.	0.5	2

#	ARTICLE	IF	CITATIONS
37	The partially shared values and small functions for meromorphic functions in a k -punctured complex plane. <i>Journal of Inequalities and Applications</i> , 2019, 2019, .	0.5	2
38	The uniqueness problem for meromorphic functions in the unit disc sharing values and a set in an angular domain. <i>Mathematica Scandinavica</i> , 2011, 109, 240.	0.1	2
39	The Zeros and Growth of Solutions of Higher Order Differential Equations. , 2012, , .		1
40	Borel Directions and Uniqueness of Meromorphic Functions. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-8.	0.3	1
41	Some properties of solutions of a class of systems of complex q -shift difference equations. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	1
42	The Unique Range Set of Meromorphic Functions in an Angular Domain. <i>Scientific World Journal</i> , The, 2014, 2014, 1-10.	0.8	1
43	Properties of q -shift difference-differential polynomials of meromorphic functions. <i>Advances in Difference Equations</i> , 2014, 2014, .	3.5	1
44	Some inequalities and applications on Borel direction and exceptional values of meromorphic functions. <i>Journal of Inequalities and Applications</i> , 2014, 2014, .	0.5	1
45	The Singular Points of Analytic Functions with Finite λ -Order Defined by Laplace-Stieltjes Transformations. <i>Journal of Function Spaces</i> , 2015, 2015, 1-9.	0.4	1
46	Results on the deficiencies of some differential-difference polynomials of meromorphic functions. <i>Open Mathematics</i> , 2016, 14, 100-108.	0.5	1
47	Results on Meromorphic Functions Partially Sharing Some Values in an Angular Domain. <i>Mathematics</i> , 2018, 6, 297.	1.1	1
48	The Growth on the Maximum Modulus of Double Dirichlet Series. <i>Journal of Function Spaces</i> , 2019, 2019, 1-12.	0.4	1
49	Results on algebroid functions in k -punctured complex plane. <i>Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas</i> , 2020, 114, 1.	0.6	1
50	Bounds for the sums of zeros of solutions of q -shift difference-differential polynomials of meromorphic functions. <i>Journal of Inequalities and Applications</i> , 2016, 2016, 1-10.	0.2	1
51	Analytic functions in the unit disc sharing values in a sector. <i>Annales Polonici Mathematici</i> , 2012, 103, 263-275.	0.2	1
52	An improvement of Hayman's inequality on an angular domain. <i>Annales Polonici Mathematici</i> , 2010, 99, 181-192.	0.2	1
53	Oscillation of solutions of some higher order linear differential equations. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2009, , 1-18.	0.2	1
54	Zeros of solutions of certain higher order linear differential equations. <i>Annales Polonici Mathematici</i> , 2010, 97, 123-136.	0.2	1

#	ARTICLE	IF	CITATIONS
55	On the zeros of solutions of any order of derivative of second order linear differential equations taking small functions. <i>Electronic Journal of Qualitative Theory of Differential Equations</i> , 2011, , 1-17.	0.2	1
56	Entire solutions for several complex partial differential-difference equations of Fermat type in \mathbb{C}^n . <i>Open Mathematics</i> , 2021, 19, 1416-1434.	0.5	1
57	A Study of the Growth Results for the Hadamard Product of Several Dirichlet Series with Different Growth Indices. <i>Mathematics</i> , 2022, 10, 2220.	1.1	1
58	Uniqueness of Transcendental Meromorphic Functions with Their Nonlinear Differential Polynomials Sharing the Small Function. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2007, 2007, 1-14.	0.3	0
59	On a Conjecture of R. Brück Concerning Meromorphic Function Sharing a Set with Its Derivative. , 2012, , .		0
60	On the growth of solutions of a class of second-order complex differential equations. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	0
61	On the iterated exponent of convergence of zeros of "Equation missing" <!-- No EquationSource Format="TEX", only image and EquationSource Format="MATHML" -->. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	0
62	Growth and fixed points of solutions to second-order LDE with certain analytic coefficients in the unit disc. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	0
63	Growth and poles of solutions of systems of complex composite functional equations. <i>Advances in Difference Equations</i> , 2013, 2013, .	3.5	0
64	Fixed Points of Difference Operator of Meromorphic Functions. <i>Scientific World Journal</i> , The, 2014, 2014, 1-4.	0.8	0
65	On some complex differential and difference equations concerning sharing function. <i>Advances in Difference Equations</i> , 2014, 2014, .	3.5	0
66	Nevanlinna's Five Values Theorem on Annuli. <i>Mathematics</i> , 2016, 4, 7.	1.1	0
67	Some inequalities on meromorphic function and its derivative concerning small functions in an angular domain. <i>Journal of Inequalities and Applications</i> , 2016, 2016, .	0.5	0
68	The existence of solutions of q-difference-differential equations. <i>SpringerPlus</i> , 2016, 5, 556.	1.2	0
69	Some Results on the Deficiencies of Some Differential-Difference Polynomials of Meromorphic Function. <i>Mathematics</i> , 2018, 6, 207.	1.1	0
70	The growth and approximation for an analytic function represented by Laplace's Stieltjes transforms with generalized order converging in the half plane. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 185.	0.5	0
71	Some Properties of Solutions for Some q-Difference Equations Containing Painlevé Equation. <i>Journal of Function Spaces</i> , 2018, 2018, 1-10.	0.4	0
72	The properties of solutions for several types of Painlevé equations concerning fixed-points, zeros and poles. <i>Open Mathematics</i> , 2019, 17, 1014-1024.	0.5	0

#	ARTICLE	IF	CITATIONS
73	Results on Solutions for Several q -Painlevé Difference Equations concerning Rational Solutions, Zeros, and Poles. Journal of Mathematics, 2020, 2020, 1-10.	0.5	0
74	The Growth of Entire Functions Defined by Laplace-Stieltjes Transforms Related to Proximate Order and Approximation. Journal of Function Spaces, 2020, 2020, 1-9.	0.4	0
75	Growth and Approximation of Laplace-Stieltjes Transform with p, q -Proximate Order Converges on the Whole Plane. Journal of Function Spaces, 2020, 2020, 1-11.	0.4	0
76	The Approximation of Laplace-Stieltjes Transforms Concerning Sun's Type Function. Journal of Function Spaces, 2021, 2021, 1-10.	0.4	0
77	Notes on Solutions for Some Systems of Complex Functional Equations in \mathbb{C} , 2. Journal of Function Spaces, 2021, 2021, 1-9.	0.4	0
78	A fundamental theorem for algebroid function in k -punctured complex plane. AIMS Mathematics, 2021, 6, 5148-5164.	0.7	0
79	Nonlinear Optimization of GM(1,1) Model Based on Multi-parameter Background Value. International Federation for Information Processing, 2012, , 15-19.	0.4	0
80	The applications on some inequalities of the composition of entire functions. Journal of Mathematical Inequalities, 2013, , 759-772.	0.5	0
81	The fundamental inequality for algebroid functions on annuli concerning small algebroid functions. Journal of Mathematical Inequalities, 2019, , 937-953.	0.5	0
82	Results on analytic functions defined by Laplace-Stieltjes transforms with perfect λ -type. Open Mathematics, 2020, 18, 1814-1829.	0.5	0
83	Uniqueness of meromorphic functions sharing small functions in the k -punctured complex plane. AIMS Mathematics, 2020, 5, 7438-7457.	0.7	0
84	The Study of Solutions of Several Systems of Nonlinear Partial Differential Difference Equations. Journal of Function Spaces, 2022, 2022, 1-14.	0.4	0