Yanting Li

List of Publications by Year
in descending order

94	1,366	394286	395590
papers	citations	19	33
		h-index	g-index

95	95	95	260
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Fourier type expansions on tubes. Complex Variables and Elliptic Equations, 2022, 67, 433-461.	0.4	2
2	Pattern Classification With Corrupted Labeling via Robust Broad Learning System. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 4959-4971.	4.0	16
3	Adaptive Fourier Decomposition for Multi-Channel Signal Analysis. IEEE Transactions on Signal Processing, 2022, 70, 903-918.	3.2	6
4	Sparse representations of random signals. Mathematical Methods in the Applied Sciences, 2022, 45, 4210-4230.	1.2	13
5	Uniform generalizations of Fueter's theorem. Annali Di Matematica Pura Ed Applicata, 2021, 200, 229-251.	0.5	1
6	Content-adaptive image encryption with partial unwinding decomposition. Signal Processing, 2021, 181, 107911.	2.1	21
7	A neighborhood prior constrained collaborative representation for classification. International Journal of Wavelets, Multiresolution and Information Processing, 2021, 19, 2050073.	0.9	7
8	Reproducing Kernels of Some Weighted Bergman Spaces. Journal of Geometric Analysis, 2021, 31, 9527-9550.	0.5	4
9	`A real-time classification model based on joint sparse-collaborative representation. Journal of Real-Time Image Processing, 2021, 18, 1837-1849.	2.2	5
10	Functional Feature Extraction for Hyperspectral Image Classification With Adaptive Rational Function Approximation. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 7680-7694.	2.7	5
11	A stochastic sparse representation: n-best approximation to random signals and computation. Applied and Computational Harmonic Analysis, 2021, 55, 185-198.	1.1	6
12	Time–frequency transform involving nonlinear modulation and frequency-varying dilation. Complex Variables and Elliptic Equations, 2020, 65, 1800-1813.	0.4	1
13	AFD-based ILC designs in frequency domain for linear discrete-time systems. International Journal of Systems Science, 2020, 51, 3393-3407.	3.7	3
14	Reproducing Kernel Sparse Representations in Relation to Operator Equations. Complex Analysis and Operator Theory, 2020, 14, 1.	0.3	9
15	The Dual Elements of Function Sets and Fefferman–Stein Decomposition of Triebel–Lizorkin Functions via Wavelets. Computational Methods and Function Theory, 2020, 20, 185-216.	0.8	0
16	A New Local Knowledge-Based Collaborative Representation for Image Recognition. IEEE Access, 2020, 8, 81069-81079.	2.6	7
17	Multi-resolution Collaborative Representation for Face Recognition. , 2020, , .		1
18	A Theory on Non-Constant Frequency Decompositions and Applications. , 2020, , 1-37.		4

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19	Hardy space decompositions of $L^p(\mathbb{R}^n)$ for $0 < p < 1$ with rational approximation. Complex Variables and Elliptic Equations, 2019, 64, 606-630.	0.4	1
20	Adaptive Fourier decomposition in. Mathematical Methods in the Applied Sciences, 2019, 42, 2016-2024.	1.2	1
21	Spectra of rational orthonormal systems. Science China Mathematics, 2019, 62, 1961-1976.	0.8	1
22	2D Partial Unwinding—A Novel Non-Linear Phase Decomposition of Images. IEEE Transactions on Image Processing, 2019, 28, 4762-4773.	6.0	26
23	A novel 2D partial unwinding adaptive Fourier decomposition method with application to frequency domain system identification. Mathematical Methods in the Applied Sciences, 2019, 42, 3123-3135.	1.2	1
24	A Novel Two-Dimensional Unwinding Decomposition for Image Signals. IEEE Access, 2019, 7, 168700-168709.	2.6	5
25	Fast algorithm of adaptive Fourier series. Mathematical Methods in the Applied Sciences, 2018, 41, 2654-2663.	1.2	1
26	Wavelets and Holomorphic Functions. Complex Analysis and Operator Theory, 2018, 12, 1421-1442.	0.3	3
27	Reconstruction of analytic signal in Sobolev space by framelet sampling approximation. Applicable Analysis, 2018, 97, 194-209.	0.6	1
28	Rational approximation in Hardy spaces on strips. Complex Variables and Elliptic Equations, 2018, 63, 1721-1738.	0.4	3
29	Fourier Spectrum Characterizations of H^{p} H p Spaces on Tubes Over Cones for $1 \le p \le \infty$ $1 ≤ p ≤ ∞$. Complex Analysis and Operator Theory, 2018, 12, 1193-1218.	0.3	8
30	Hilbert Transformation and Representation of the ax + b Group. Canadian Mathematical Bulletin, 2018, 61, 70-84.	0.3	1
31	Coherent state transforms and the Weyl equation in Clifford analysis. Journal of Mathematical Physics, 2017, 58, .	0.5	12
32	Adaptive orthonormal systems for matrix-valued functions. Proceedings of the American Mathematical Society, 2017, 145, 2089-2106.	0.4	22
33	Adaptative Decomposition: The Case of the Drury–Arveson Space. Journal of Fourier Analysis and Applications, 2017, 23, 1426-1444.	0.5	29
34	Uncertainty Principle and Phase–Amplitude Analysis of Signals on the Unit Sphere. Advances in Applied Clifford Algebras, 2017, 27, 2985-3013.	0.5	8
35	Extracting outer function part from Hardy space function. Science China Mathematics, 2017, 60, 2321-2336.	0.8	8
36	A Frame Theory of Hardy Spaces with the Quaternionic and the Clifford Algebra Settings. Advances in Applied Clifford Algebras, 2017, 27, 1073-1101.	0.5	5

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37	The generalized Matsaev theorem on growth of subharmonic functions admitting a lower bound in $\hat{\mathbb{C}}^n$. Complex Variables and Elliptic Equations, 2017, 62, 642-653.	0.4	0
38	Aveiro method in reproducing kernel Hilbert spaces under complete dictionary. Mathematical Methods in the Applied Sciences, 2017, 40, 7240-7254.	1.2	6
39	Basis pursuit for frequency-domain identification. Mathematical Methods in the Applied Sciences, 2016, 39, 498-507.	1.2	13
40	Two-dimensional adaptive Fourier decomposition. Mathematical Methods in the Applied Sciences, 2016, 39, 2431-2448.	1.2	37
41	Extending coherent state transforms to Clifford analysis. Journal of Mathematical Physics, 2016, 57, .	0.5	16
42	Rational Approximation of Functions in Hardy Spaces. Complex Analysis and Operator Theory, 2016, 10, 903-920.	0.3	12
43	Consecutive minimum phase expansion of physically realizable signals with applications. Mathematical Methods in the Applied Sciences, 2016, 39, 62-72.	1.2	8
44	Adaptive Fourier tester for statistical estimation. Mathematical Methods in the Applied Sciences, 2016, 39, 3478-3495.	1.2	4
45	Hardy space decomposition of on the unit circle:. Complex Variables and Elliptic Equations, 2016, 61, 510-523.	0.4	7
46	Tighter Uncertainty Principles Based on Quaternion Fourier Transform. Advances in Applied Clifford Algebras, 2016, 26, 479-497.	0.5	21
47	Stronger uncertainty principles for hypercomplex signals. Complex Variables and Elliptic Equations, 2015, 60, 1696-1711.	0.4	11
48	Approximation of functions by higher order Szegö kernels I. Complex variable cases. Complex Variables and Elliptic Equations, 2015, 60, 733-747.	0.4	3
49	Estimation of hyperbolically partial derivatives of $\ddot{\text{I}}$•harmonic quasiconformal mappings and its applications. Complex Variables and Elliptic Equations, 2015, 60, 875-892.	0.4	8
50	A constructive proof of Beurling-Lax theorem. Chinese Annals of Mathematics Series B, 2015, 36, 141-146.	0.2	0
51	Space-frequency analysis in higher dimensions and applications. Annali Di Matematica Pura Ed Applicata, 2015, 194, 953-968.	0.5	5
52	Sampling error analysis and some properties of non-bandlimited signals that are reconstructed by generalized sinc functions. Applicable Analysis, 2014, 93, 305-315.	0.6	3
53	An implementation approach for ideal time-frequency distribution. , 2014, , .		0
54	Cyclic AFD algorithm for the best rational approximation. Mathematical Methods in the Applied Sciences, 2014, 37, 846-859.	1.2	42

#	ARTICLE	IF	CITATIONS
55	Spaces of harmonic functions with boundary values in. Applicable Analysis, 2014, 93, 2498-2518.	0.6	5
56	Adaptive Fourier decompositions and rational approximations, part I: Theory. International Journal of Wavelets, Multiresolution and Information Processing, 2014, 12, 1461008.	0.9	20
57	Approximation of monogenic functions by higher order Szegö kernels on the unit ball and half space. Science China Mathematics, 2014, 57, 1785-1797.	0.8	8
58	Unbounded holomorphic Fourier multipliers on starlike Lipschitz surfaces and applications to Sobolev spaces. Nonlinear Analysis: Theory, Methods & Applications, 2014, 95, 436-449.	0.6	1
59	Lppolyharmonic Dirichlet problems in regular domains III: The unit ball. Complex Variables and Elliptic Equations, 2014, 59, 947-965.	0.4	7
60	A sharp lower bound of Burkholder's functional for $$K$$ K -quasiconformal mappings and its applications. Monatshefte Fur Mathematik, 2014, 175, 195-212.	0.5	1
61	Sufficient conditions for shift-invariant systems to be frames in L 2(â„n). Acta Mathematica Sinica, English Series, 2013, 29, 1629-1636.	0.2	1
62	Shannon-type sampling for multivariate non-bandlimited signals. Science China Mathematics, 2013, 56, 1915-1934.	0.8	3
63	Mathematical theory of signal analysis vs. complex analysis method of harmonic analysis. Applied Mathematics, 2013, 28, 505-530.	0.6	8
64	Quasihyperbolic Distance in Punctured Planes. Complex Analysis and Operator Theory, 2013, 7, 655-672.	0.3	3
65	Comparison of adaptive mono-component decompositions. Nonlinear Analysis: Real World Applications, 2013, 14, 1055-1074.	0.9	26
66	Optimal approximation by Blaschke forms. Complex Variables and Elliptic Equations, 2013, 58, 123-133.	0.4	33
67	TRANSIENT TIME-FREQUENCY DISTRIBUTION BASED ON MONO-COMPONENT DECOMPOSITIONS. International Journal of Wavelets, Multiresolution and Information Processing, 2013, 11, 1350022.	0.9	18
68	SPARSE RECONSTRUCTION OF HARDY SIGNAL AND APPLICATIONS TO TIME-FREQUENCY DISTRIBUTION. International Journal of Wavelets, Multiresolution and Information Processing, 2013, 11, 1350031.	0.9	1
69	On sparse representation of analytic signal in Hardy space. Mathematical Methods in the Applied Sciences, 2013, 36, 2297-2310.	1.2	3
70	Phase Derivative of Monogenic Signals in Higher Dimensional Spaces. Complex Analysis and Operator Theory, 2012, 6, 987-1010.	0.3	14
71	Some Remarks on the Boundary Behaviors of Functions in the Monogenic Hardy Spaces. Advances in Applied Clifford Algebras, 2012, 22, 819-826.	0.5	2
72	Hardyâ€"Sobolev derivatives of phase and amplitude, and their applications. Mathematical Methods in the Applied Sciences, 2012, 35, 2017-2030.	1.2	15

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73	Frequency-domain identification: An algorithm based on an adaptive rational orthogonal system. Automatica, 2012, 48, 1154-1162.	3.0	77
74	A fast adaptive model reduction method based on Takenakaâ€"Malmquist systems. Systems and Control Letters, 2012, 61, 223-230.	1.3	56
75	Adaptive Fourier decomposition of functions in quaternionic Hardy spaces. Mathematical Methods in the Applied Sciences, 2012, 35, 43-64.	1.2	27
76	An adaptive method of model reduction in frequency domain. , 2011, , .		1
77	Algorithm of Adaptive Fourier Decomposition. IEEE Transactions on Signal Processing, 2011, 59, 5899-5906.	3.2	99
78	Adaptive Fourier seriesâ€"a variation of greedy algorithm. Advances in Computational Mathematics, 2011, 34, 279-293.	0.8	143
79	Hardy-Sobolev Spaces Decomposition inÂSignal Analysis. Journal of Fourier Analysis and Applications, 2011, 17, 36-64.	0.5	32
80	Adaptive Decomposition by Weighted Inner Functions: A Generalization of Fourier Series. Journal of Fourier Analysis and Applications, 2011, 17, 175-190.	0.5	31
81	Zeroes of slice monogenic functions. Mathematical Methods in the Applied Sciences, 2011, 34, 1398-1405.	1.2	1
82	Analytic Phase Derivatives, All-Pass Filters and Signals of Minimum Phase. IEEE Transactions on Signal Processing, 2011, 59, 4708-4718.	3.2	31
83	Nonharmonic system with greedy algorithm. , 2011, , .		0
84	Orthonormal bases with nonlinear phases. Advances in Computational Mathematics, 2010, 33, 75-95.	0.8	24
85	Intrinsic monoâ€component decomposition of functions: An advance of Fourier theory. Mathematical Methods in the Applied Sciences, 2010, 33, 880-891.	1.2	101
86	ADAPTIVE DECOMPOSITION OF FUNCTIONS INTO PIECES OF NON-NEGATIVE INSTANTANEOUS FREQUENCIES. International Journal of Wavelets, Multiresolution and Information Processing, 2010, 08, 813-833.	0.9	13
87	Sampling theorem and multi-scale spectrum based on non-linear Fourier atoms. Applicable Analysis, 2009, 88, 903-919.	0.6	15
88	ADAPTIVE DECOMPOSITION INTO MONO-COMPONENTS. Advances in Adaptive Data Analysis, 2009, 01, 703-709.	0.6	18
89	Boundary derivatives of the phases of inner and outer functions and applications. Mathematical Methods in the Applied Sciences, 2009, 32, 253-263.	1.2	41
90	Half Dirichlet Problems and Decompositions of Poisson Kernels. Advances in Applied Clifford Algebras, 2007, 17, 383-393.	0.5	3

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91	Schwarz lemma in Euclidean spaces. Complex Variables and Elliptic Equations, 2006, 51, 653-659.	0.4	16
92	STABILITY OF FRAMES GENERATED BY NONLINEAR FOURIER ATOMS. International Journal of Wavelets, Multiresolution and Information Processing, 2005, 03, 465-476.	0.9	24
93	A class of iterative greedy algorithms related to Blaschke product. Science China Mathematics, 0, , 1.	0.8	1
94	Adaptive Fourier decomposition in Hp. Mathematical Methods in the Applied Sciences, 0, , .	1.2	0