

Yangbo Ye

List of Publications by Year in descending order

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74
papers

1,322
citations

361296
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74
all docs

74
docs citations

74
times ranked

495
citing authors

#	ARTICLE	IF	CITATIONS
1	A General Local Reconstruction Approach Based on a Truncated Hilbert Transform. International Journal of Biomedical Imaging, 2007, 2007, 1-8.	3.0	136
2	A general exact reconstruction for cone-beam CT via backprojection-filtration. IEEE Transactions on Medical Imaging, 2005, 24, 1190-1198.	5.4	89
3	Filtered backprojection formula for exact image reconstruction from cone-beam data along a general scanning curve. Medical Physics, 2004, 32, 42-48.	1.6	66
4	Exact Interior Reconstruction from Truncated Limited-Angle Projection Data. International Journal of Biomedical Imaging, 2008, 2008, 1-6.	3.0	51
5	Approximate and exact cone-beam reconstruction with standard and non-standard spiral scanning. Physics in Medicine and Biology, 2007, 52, R1-R13.	1.6	49
6	Exact Interior Reconstruction with Cone-Beam CT. International Journal of Biomedical Imaging, 2007, 2007, 1-5.	3.0	49
7	A scheme for multisource interior tomography. Medical Physics, 2009, 36, 3575-3581.	1.6	49
8	Perron's Formula and the Prime Number Theorem for Automorphic L-Functions. Pure and Applied Mathematics Quarterly, 2007, 3, 481-497.	0.2	47
9	Interior Reconstruction Using the Truncated Hilbert Transform via Singular Value Decomposition. Journal of X-Ray Science and Technology, 2008, 16, 243-251.	0.7	41
10	Distinguished representations and quadratic base change for $GL(3)$. Transactions of the American Mathematical Society, 1996, 348, 913-939.	0.5	39
11	A backprojection-filtration algorithm for nonstandard spiral cone-beam CT with ann-PI-window. Physics in Medicine and Biology, 2005, 50, 2099-2111.	1.6	38
12	Exact BPF and FBP algorithms for nonstandard saddle curves. Medical Physics, 2005, 32, 3305-3312.	1.6	35
13	Functoriality of automorphic L-functions through their zeros. Science in China Series A: Mathematics, 2009, 52, 1-16.	0.5	34
14	A proof of Selberg's orthogonality for automorphic L-functions. Manuscripta Mathematica, 2005, 118, 135-149.	0.3	29
15	Local ROI Reconstruction via Generalized FBP and BPF Algorithms along More Flexible Curves. International Journal of Biomedical Imaging, 2006, 2006, 1-7.	3.0	28
16	Relative Kloosterman integrals for $GL(3)$. Bulletin De La Societe Mathematique De France, 1992, 120, 263-295.	0.3	28
17	Minimum detection windows, PI-line existence and uniqueness for helical cone-beam scanning of variable pitch. Medical Physics, 2004, 31, 566-572.	1.6	26
18	Subconvexity for Rankin-Selberg L-Functions of Maass Forms. Geometric and Functional Analysis, 2002, 12, 1296-1323.	0.6	25

#	ARTICLE	IF	CITATIONS
19	Resonance between automorphic forms and exponential functions. Science China Mathematics, 2010, 53, 2463-2472.	0.8	24
20	Exact reconstruction for cone-beam scanning along nonstandard spirals and other curves. , 2004, , .		23
21	Resonance and rapid decay of exponential sums of Fourier coefficients of a Maass form for $GL_m(\hat{a},)$. Science China Mathematics, 2015, 58, 1-20.	0.8	22
22	Superposition of zeros of distinct L-functions. Forum Mathematicum, 2002, 14, .	0.3	21
23	Selberg's orthogonality conjecture for automorphic L -functions. American Journal of Mathematics, 2005, 127, 837-849.	0.5	21
24	Katsevich-type algorithms for variable radius spiral cone-beam CT. , 2004, , .		20
25	Analysis on the strip-based projection model for discrete tomography. Discrete Applied Mathematics, 2008, 156, 2359-2367.	0.5	20
26	Computed tomography simulation with superquadrics. Medical Physics, 2005, 32, 3136-3143.	1.6	19
27	Geometric studies on variable radius spiral cone-beam scanning. Medical Physics, 2004, 31, 1473-1480.	1.6	18
28	Estimation of exponential sums of polynomials of higher degrees II. Acta Arithmetica, 2000, 93, 221-235.	0.2	17
29	Cone-beam pseudo-lambda tomography. Inverse Problems, 2007, 23, 203-215.	1.0	16
30	Resonance of automorphic forms for $\Gamma(3)$. Transactions of the American Mathematical Society, 2015, 367, 2137-2157.	0.5	16
31	Zero density for automorphic L -functions. Journal of Number Theory, 2013, 133, 3877-3901.	0.2	15
32	Practical cone-beam lambda tomography. Medical Physics, 2006, 33, 3640-3646.	1.6	14
33	Hypothesis H and the prime number theorem for automorphic representations. Functiones Et Approximatio, Commentarii Mathematici, 2007, 37, .	0.1	13
34	Improved subconvexity bounds for $\zeta(2)\tilde{\Lambda}-\Gamma(3)$ and $\Gamma(3)$ η -functions by weighted stationary phase. Transactions of the American Mathematical Society, 2018, 370, 3745-3769.	0.5	13
35	An integral transform and its applications. Mathematische Annalen, 1994, 300, 405-417.	0.7	12
36	Weighted Selberg orthogonality and uniqueness of factorization of automorphic L-functions. Forum Mathematicum, 2005, 17, .	0.3	12

#	ARTICLE	IF	CITATIONS
37	Sums of Fourier coefficients of a Maass form for $SL_3(\hat{a},)$ twisted by exponential functions. Forum Mathematicum, 2014, 26, .	0.3	11
38	Subconvexity bounds for Rankin-Selberg L-functions for congruence subgroups. Journal of Number Theory, 2006, 121, 204-223.	0.2	10
39	Gel'fand-Graev's reconstruction formula in the 3D real space. Medical Physics, 2011, 38, S69-S75.	1.6	9
40	Lambda tomography with discontinuous scanning trajectories. Physics in Medicine and Biology, 2007, 52, 4331-4344.	1.6	8
41	Asymptotics for cuspidal representations by functoriality from $GL(2)$. Journal of Number Theory, 2016, 164, 323-342.	0.2	8
42	Hyper-Kloosterman sums and estimation of exponential sums of polynomials of higher degrees. Acta Arithmetica, 1998, 86, 255-267.	0.2	8
43	Weighted stationary phase of higher orders. Frontiers of Mathematics in China, 2017, 12, 675-702.	0.4	7
44	Correlation of zeros of automorphic L-functions. Science in China Series A: Mathematics, 2008, 51, 1147-1166.	0.5	6
45	ASYMPTOTIC VORONOI'S SUMMATION FORMULAS AND THEIR DUALITY FOR $SL_3(\hat{a},)$. , 2013, , .		6
46	Spectral square moments of a resonance sum for Maass forms. Frontiers of Mathematics in China, 2017, 12, 1183-1200.	0.4	6
47	Hyper-Kloosterman Sums of Different Moduli and Their Applications to Automorphic Forms for $SL_m(\mathbb{Z})$. Taiwanese Journal of Mathematics, 2016, 20, .	0.2	6
48	A Kuznetsov Formula for Kloosterman Sums on GL_n . Ramanujan Journal, 2000, 4, 385-395.	0.4	5
49	Studies on Palamodov's algorithm for cone-beam CT along a general curve. Inverse Problems, 2006, 22, 447-460.	1.0	5
50	Further improvement on bounds for L-functions related to $GL(3)$. International Journal of Number Theory, 2019, 15, 1487-1517.	0.2	5
51	A new bound $K^{2/3+\hat{A}}$ for Rankin-Selberg L-functions for Hecke congruence subgroups. International Mathematics Research Papers, 0, , .	0.3	5
52	The lifting of an exponential sum to a cyclic algebraic number field of prime degree. Transactions of the American Mathematical Society, 1998, 350, 5003-5015.	0.5	4
53	The fourth power moment of automorphic L -functions for $GL(2)$ over a short interval. Transactions of the American Mathematical Society, 2005, 358, 2259-2268.	0.5	4
54	The prime number theorem and Hypothesis H with lower-order terms. Journal of Number Theory, 2014, 141, 59-82.	0.2	4

#	ARTICLE	IF	CITATIONS
55	A framelet-based iterative maximum-likelihood reconstruction algorithm for spectral CT. Inverse Problems, 2016, 32, 115021.	1.0	4
56	Double first moment for L		

#	ARTICLE	IF	CITATIONS
73	Double square moments and subconvexity bounds for Rankin-Selberg L-functions of holomorphic cusp forms. <i>Science China Mathematics</i> , 2020, 63, 823-844.	0.8	0
74	Implementation of a Framelet-Based Spectral Reconstruction for Multi-Slice Spiral CT. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	0