

# Yangbo Ye

## List of Publications by Year in descending order

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74  
papers

1,322  
citations

361296  
20  
h-index

395590  
33  
g-index

74  
all docs

74  
docs citations

74  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of a Framelet-Based Spectral Reconstruction for Multi-Slice Spiral CT. <i>Frontiers in Physics</i> , 2021, 9, .	1.0	0
2	Bounds toward Hypothesis S for cusp forms. <i>Journal of Number Theory</i> , 2021, , .	0.2	1
3	Dirichlet series, asymptotics, and statistics based on functoriality from $GL(2)$ . <i>Research in Number Theory</i> , 2020, 6, 1.	0.1	1
4	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
5	Double first moment for $L$		

#	ARTICLE	IF	CITATIONS
19	Zero density for automorphic L -functions. Journal of Number Theory, 2013, 133, 3877-3901.	0.2	15
20	ASYMPTOTIC VORONOI'S SUMMATION FORMULAS AND THEIR DUALITY FOR $SL_3(\hat{a},)$ . , 2013, , .		6
21	Gel'fand-Graev's reconstruction formula in the 3D real space. Medical Physics, 2011, 38, S69-S75.	1.6	9
22	Modern Mathematics in Biomedical Imaging. International Journal of Biomedical Imaging, 2011, 2011, 1-2.	3.0	0
23	Resonance between automorphic forms and exponential functions. Science China Mathematics, 2010, 53, 2463-2472.	0.8	24
24	A scheme for multisource interior tomography. Medical Physics, 2009, 36, 3575-3581.	1.6	49
25	Functoriality of automorphic L-functions through their zeros. Science in China Series A: Mathematics, 2009, 52, 1-16.	0.5	34
26	Correlation of zeros of automorphic L-functions. Science in China Series A: Mathematics, 2008, 51, 1147-1166.	0.5	6
27	Analysis on the strip-based projection model for discrete tomography. Discrete Applied Mathematics, 2008, 156, 2359-2367.	0.5	20
28	Interior tomography: theory, algorithms and applications. , 2008, , .		3
29	Exact Interior Reconstruction from Truncated Limited-Angle Projection Data. International Journal of Biomedical Imaging, 2008, 2008, 1-6.	3.0	51
30	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
31	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
32	Cone-beam pseudo-lambda tomography. Inverse Problems, 2007, 23, 203-215.	1.0	16
33	A General Local Reconstruction Approach Based on a Truncated Hilbert Transform. International Journal of Biomedical Imaging, 2007, 2007, 1-8.	3.0	136
34	Lambda tomography with discontinuous scanning trajectories. Physics in Medicine and Biology, 2007, 52, 4331-4344.	1.6	8
35	Exact Interior Reconstruction with Cone-Beam CT. International Journal of Biomedical Imaging, 2007, 2007, 1-5.	3.0	49
36	Hypothesis H and the prime number theorem for automorphic representations. Functiones Et Approximatio, Commentarii Mathematici, 2007, 37, .	0.1	13

#	ARTICLE	IF	CITATIONS
37	SHIFTED CONVOLUTION SUMS OF FOURIER COEFFICIENTS OF CUSP FORMS. , 2007, , .		3
38	Perron's Formula and the Prime Number Theorem for Automorphic L-Functions. Pure and Applied Mathematics Quarterly, 2007, 3, 481-497.	0.2	47
39	Practical cone-beam lambda tomography. Medical Physics, 2006, 33, 3640-3646.	1.6	14
40	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
41	System generated by strip-based projections in discrete tomography. , 2006, , .		1
42	Image reconstruction via truncated lambda tomography. , 2006, 6318, 491.		0
43	Skew cone beam lambda tomography. , 2006, , .		1
44	Practical cone-beam lambda tomography. , 2006, , .		1
45	Subconvexity bounds for Rankin-Selberg L-functions for congruence subgroups. Journal of Number Theory, 2006, 121, 204-223.	0.2	10
46	Studies on Palamodov's algorithm for cone-beam CT along a general curve. Inverse Problems, 2006, 22, 447-460.	1.0	5
47	Reply to the comment on "Studies on Palamodov's algorithm for cone-beam CT along a general curve". Inverse Problems, 2006, 22, 1505-1506.	1.0	2
48	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
49	A proof of Selberg's orthogonality for automorphic L-functions. Manuscripta Mathematica, 2005, 118, 135-149.	0.3	29
50	Selberg's orthogonality conjecture for automorphic L -functions. American Journal of Mathematics, 2005, 127, 837-849.	0.5	21
51	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
52	Exact BPF and FBP algorithms for nonstandard saddle curves. Medical Physics, 2005, 32, 3305-3312.	1.6	35
53	Computed tomography simulation with superquadrics. Medical Physics, 2005, 32, 3136-3143.	1.6	19
54	Weighted Selberg orthogonality and uniqueness of factorization of automorphic L-functions. Forum Mathematicum, 2005, 17, .	0.3	12

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55	A general exact reconstruction for cone-beam CT via backprojection-filtration. IEEE Transactions on Medical Imaging, 2005, 24, 1190-1198.	5.4	89
56	Distribution of zeros of Dirichlet L-functions and the least prime in an arithmetic progression. Acta Arithmetica, 2005, 119, 13-38.	0.2	2
57	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
58	Geometric studies on variable radius spiral cone-beam scanning. Medical Physics, 2004, 31, 1473-1480.	1.6	18
59	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
60	Katsevich-type algorithms for variable radius spiral cone-beam CT. , 2004, , .		20
61	Exact reconstruction for cone-beam scanning along nonstandard spirals and other curves. , 2004, , .		23
62	A pointwise limit theorem for filtered backprojection in computed tomography. Medical Physics, 2003, 30, 816-822.	1.6	0
63	Superposition of zeros of distinct L-functions. Forum Mathematicum, 2002, 14, .	0.3	21
64	Subconvexity for Rankin-Selberg L-Functions of Maass Forms. Geometric and Functional Analysis, 2002, 12, 1296-1323.	0.6	25
65	A Kuznetsov Formula for Kloosterman Sums on $GL_n$ . Ramanujan Journal, 2000, 4, 385-395.	0.4	5
66	Estimation of exponential sums of polynomials of higher degrees II. Acta Arithmetica, 2000, 93, 221-235.	0.2	17
67	A hyper-Kloosterman sum identity. Science in China Series A: Mathematics, 1998, 41, 1158-1162.	0.5	3
68	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
69	Hyper-Kloosterman sums and estimation of exponential sums of polynomials of higher degrees. Acta Arithmetica, 1998, 86, 255-267.	0.2	8
70	Kuznetsov Formulas for Generalized Kloosterman Sums. Rocky Mountain Journal of Mathematics, 1997, 27, 1291.	0.2	0
71	Distinguished representations and quadratic base change for $GL(3)$ . Transactions of the American Mathematical Society, 1996, 348, 913-939.	0.5	39
72	An integral transform and its applications. Mathematische Annalen, 1994, 300, 405-417.	0.7	12

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73	Relative Kloosterman integrals for $GL(3)$ . Bulletin De La Societe Mathematique De France, 1992, 120, 263-295.	0.3	28
74	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