YoungJu Choie

List of Publications by Year
in descending order

119 papers	523 citations	840776 11 h-index	839539 18 g-index
126 all docs	126 docs citations	126 times ranked	156 citing authors

#	Article	IF	Citations
1	Periods of Hilbert modular forms, Kronecker series and cohomology. Advances in Mathematics, 2021, 381, 107617.	1.1	1
2	Formal deformations of the algebra of Jacobi forms and Rankinâ€"Cohen brackets. Comptes Rendus Mathematique, 2021, 359, 505-521.	0.3	0
3	Heat operators on modular and quasimodular polynomials. Functiones Et Approximatio, Commentarii Mathematici, 2021, 65, .	0.3	0
4	Kernels for products of Hilbert L-functions. Mathematische Zeitschrift, 2020, 295, 87-99.	0.9	0
5	Simultaneous nonvanishing of products of L-functions associated to elliptic cusp forms. Journal of Mathematical Analysis and Applications, 2020, 486, 123930.	1.0	2
6	Modular cocycles and cup product. Advances in Mathematics, 2019, 351, 296-342.	1.1	1
7	Periods of modular forms on $Gamma_0(N)$ and products of Jacobi theta functions. Journal of the European Mathematical Society, 2019, 21, 1379-1410.	1.4	5
8	Differential Operators on Modular Forms. Springer Monographs in Mathematics, 2019, , 207-222.	0.2	0
9	Group Cohomology. Springer Monographs in Mathematics, 2019, , 107-120.	0.2	0
10	Jacobi-like Forms and Pseudodifferential Operators. Springer Monographs in Mathematics, 2019, , 31-52.	0.2	0
11	Heat Operators. Springer Monographs in Mathematics, 2019, , 91-106.	0.2	0
12	Formal Power Series and Pseudodifferential Operators. Springer Monographs in Mathematics, 2019, , 7-30.	0.2	0
13	Liftings of Quasimodular Forms. Springer Monographs in Mathematics, 2019, , 165-184.	0.2	0
14	Half-integral Weight Forms. Springer Monographs in Mathematics, 2019, , 223-234.	0.2	0
15	Hecke Operators. Springer Monographs in Mathematics, 2019, , 53-76.	0.2	0
16	Applications of Quasimodular Forms. Springer Monographs in Mathematics, 2019, , 251-290.	0.2	0
17	On Hecke L-functions attached to half-integral weight modular forms. Journal of Number Theory, 2018, 189, 131-137.	0.4	2
18	Quasimodular forms and automorphic pseudodifferential operators of mixed weight. Ramanujan Journal, 2018, 46, 229-243.	0.7	1

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19	Holomorphic Automorphic Forms and Cohomology. Memoirs of the American Mathematical Society, 2018, 253, 0-0.	0.9	4
20	Hilbert quasimodular forms and vector bundles. Beitrage Zur Algebra Und Geometrie, 2017, 58, 13-23.	0.5	0
21	Multiple period integrals and cohomology. Algebra and Number Theory, 2016, 10, 645-664.	0.6	3
22	Theta series associated to symmetric matrices. Complex Variables and Elliptic Equations, 2016, 61, 15-22.	0.8	0
23	Functional equations for double series of Euler type with coefficients. Advances in Mathematics, 2016, 292, 529-557.	1.1	5
24	Parabolic cohomology and multiple Hecke L-values. Ramanujan Journal, 2016, 41, 543-561.	0.7	1
25	Transcendence of zeros of Jacobi forms. Ramanujan Journal, 2016, 41, 319-322.	0.7	0
26	Differential operators on modular forms associated to quasimodular forms. Ramanujan Journal, 2016, 39, 133-147.	0.7	0
27	Symmetric tensor representations, quasimodular forms, and weak Jacobi forms. Advances in Mathematics, 2016, 287, 567-599.	1.1	1
28	Quasimodular forms and Jacobi-like forms. Mathematische Zeitschrift, 2015, 280, 643-667.	0.9	4
29	Schubert Eisenstein Series. American Journal of Mathematics, 2014, 136, 1581-1608.	1.1	1
30	An Explicit Bound for the First Sign Change of the Fourier Coefficients of a Siegel Cusp Form. International Mathematics Research Notices, 2014, , .	1.0	2
31	Iterated period integrals and multiple Hecke L-functions. Manuscripta Mathematica, 2013, 142, 245-255.	0.6	3
32	Periods of Jacobi forms and the Hecke operator. Journal of Mathematical Analysis and Applications, 2013, 408, 345-354.	1.0	0
33	Modular polynomials and derivatives of quasimodular forms. Complex Variables and Elliptic Equations, 2013, 58, 135-148.	0.8	0
34	A short remark on sign changes of Fourier coefficients of half-integral weight modular forms. Archiv Der Mathematik, 2013, 100, 333-336.	0.5	2
35	On harmonic weak Maass forms of half integral weight. Proceedings of the American Mathematical Society, 2013, 141, 2641-2652.	0.8	4
36	Sturm type theorem for Siegel modular forms of genus 2 modulo p. Acta Arithmetica, 2013, 158, 129-139.	0.4	10

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37	SIGN CHANGES OF FOURIER COEFFICIENTS OF ENTIRE MODULAR INTEGRALS. Glasgow Mathematical Journal, 2012, 54, 355-358.	0.3	0
38	QUASIMODULAR FORMS AND COHOMOLOGY. Bulletin of the Australian Mathematical Society, 2012, 86, 150-163.	0.5	0
39	Eichler integrals, period relations and Jacobi forms. Mathematische Zeitschrift, 2012, 271, 639-661.	0.9	4
40	Mellin transforms attached to certain automorphic integrals. Journal of Number Theory, 2012, 132, 301-313.	0.4	1
41	Notes on Rankinâ€"Cohen brackets. Ramanujan Journal, 2011, 25, 141-147.	0.7	1
42	Dirichlet series of Rankinâ€"Cohen brackets. Journal of Mathematical Analysis and Applications, 2011, 373, 464-474.	1.0	1
43	Fourier coefficients of Siegelâ€"Eisenstein series of odd genus. Journal of Mathematical Analysis and Applications, 2011, 374, 1-7.	1.0	4
44	Zagier duality for harmonic weak Maass forms of integral weight. Proceedings of the American Mathematical Society, 2011, 139, 787-787.	0.8	5
45	Congruences for Siegel modular forms. Annales De L'Institut Fourier, 2011, 61, 1455-1466.	0.6	8
46	p-Adic limit of the Fourier coefficients of weakly holomorphic modular forms of half integral weight. Israel Journal of Mathematics, 2010, 175, 61-83.	0.8	2
47	Construction of Jacobi forms associated to indefinite quadratic forms. Ramanujan Journal, 2010, 21, 27-39.	0.7	1
48	The heat operator and mock Jacobi forms. Ramanujan Journal, 2010, 22, 209-219.	0.7	1
49	HEAT OPERATORS AND QUASIMODULAR FORMS. Bulletin of the Australian Mathematical Society, 2010, 81, 514-522.	0.5	2
50	QUASIMODULAR FORMS AND VECTOR BUNDLES. Bulletin of the Australian Mathematical Society, 2009, 80, 402-412.	0.5	2
51	The first sign change of Fourier coefficients of cusp forms. American Journal of Mathematics, 2009, 131, 517-543.	1.1	22
52	Quasimodular forms and PoincarÃ© series. Acta Arithmetica, 2009, 137, 155-169.	0.4	8
53	A Combinatorial Characterization of Jacobi Forms. Rocky Mountain Journal of Mathematics, 2009, 39, .	0.4	0
54	Correspondence among Eisenstein series of weight 2. Journal of Mathematical Analysis and Applications, 2008, 344, 322-339.	1.0	0

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55	Broué–Enguehard maps and Atkin–Lehner involutions. European Journal of Combinatorics, 2008, 29, 24-34.	0.8	3
56	JACOBI-LIKE FORMS, PSEUDODIFFERENTIAL OPERATORS, AND GROUP COHOMOLOGY. Bulletin of the Australian Mathematical Society, 2008, 78, 55-71.	0.5	0
57	A remark on the Ikeda lift and local singular series polynomials. Proceedings of the American Mathematical Society, 2007, 136, 1559-1564.	0.8	1
58	Classification of the space spanned by theta series and applications. Proceedings of the American Mathematical Society, 2007, 135, 2309-2316.	0.8	1
59	Differential operators on Hilbert modular forms. Journal of Number Theory, 2007, 122, 25-36.	0.4	7
60	On the congruences of Jacobi forms. Mathematische Zeitschrift, 2007, 256, 287-294.	0.9	3
61	Values of L-functions at integers outside the critical strip. Ramanujan Journal, 2007, 14, 339-350.	0.7	2
62	Vector-valued Jacobi-like forms. Monatshefte Fur Mathematik, 2007, 152, 321-336.	0.9	3
63	Rankin–Cohen brackets on pseudodifferential operators. Journal of Mathematical Analysis and Applications, 2007, 326, 882-895.	1.0	2
64	On Robin's criterion for the Riemann hypothesis. Journal De Theorie Des Nombres De Bordeaux, 2007, 19, 357-372.	0.1	32
65	Vector-Valued Modular Forms of Weight Two Associated With Jacobi-Like Forms. Canadian Mathematical Bulletin, 2006, 49, 428-437.	0.5	1
66	Existence of Torus bundles associated to cocycles. Bulletin of the Australian Mathematical Society, 2006, 73, 345-351.	0.5	0
67	Efficient identity-based authenticated key agreement protocol from pairings. Applied Mathematics and Computation, 2005, 162, 179-188.	2.2	67
68	Supersingular hyperelliptic curves of genus 2 over finite fields. Applied Mathematics and Computation, 2005, 163, 565-576.	2.2	4
69	Codes over rings, complex lattices and Hermitian modular forms. European Journal of Combinatorics, 2005, 26, 145-165.	0.8	12
70	Codes over F4, Jacobi forms and Hilbert–Siegel modular forms over Q(5). European Journal of Combinatorics, 2005, 26, 629-650.	0.8	6
71	LINEAR RELATIONS BETWEEN MODULAR FORM COEFFICIENTS AND NON-ORDINARY PRIMES. Bulletin of the London Mathematical Society, 2005, 37, 335-341.	0.8	21
72	Jacobi-like forms, differential equations, and Hecke operators. Complex Variables and Elliptic Equations, 2005, 50, 1095-1104.	0.2	0

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73	Ternary codes and Jacobi forms. Discrete Mathematics, 2004, 282, 81-87.	0.7	3
74	Codes over ?2m and Jacobi forms over the Quaternions. Applicable Algebra in Engineering, Communications and Computing, 2004, 15, 129.	0.5	10
75	Isomorphism classes of elliptic and hyperelliptic curves over finite fields F(2g+1)n. Finite Fields and Their Applications, 2004, 10, 583-614.	1.0	6
76	Jacobi forms over totally real fields and type II codes over Galois rings GR(2m,f). European Journal of Combinatorics, 2004, 25, 475-486.	0.8	14
77	On the Petersson Norm of Certain Siegel Modular Forms. Ramanujan Journal, 2003, 7, 45-48.	0.7	4
78	Complete joint weight enumerators and self-dual codes. IEEE Transactions on Information Theory, 2003, 49, 1275-1282.	2.4	4
79	Tau functions and residues. Journal of Mathematical Physics, 2003, 44, 5401-5409.	1.1	2
80	Automorphic pseudodifferential operators and vector bundles. Complex Variables and Elliptic Equations, 2003, 48, 937-945.	0.2	0
81	HILBERT MODULAR PSEUDODIFFERENTIAL OPERATORS OF MIXED WEIGHT. Proceedings of the Edinburgh Mathematical Society, 2003, 46, 269-277.	0.3	1
82	Special values of elliptic functions at points of the divisors of Jacobi forms. Proceedings of the American Mathematical Society, 2003, 131, 3309-3317.	0.8	4
83	Cohomology of Complex Torus Bundles Associated to Cocycles. Canadian Journal of Mathematics, 2003, 55, 839-855.	0.6	1
84	Jacobi-like forms and power series bundles. Bulletin of the Australian Mathematical Society, 2002, 66, 301-311.	0.5	1
85	Modular Forms Associated to Theta Functions. Canadian Mathematical Bulletin, 2002, 45, 257-264.	0.5	2
86	Self-dual codes over $\mathbb{Z}_{4}$ and half-integral weight modular forms. Proceedings of the American Mathematical Society, 2002, 130, 3125-3131.	0.8	3
87	Pseudodifferential Operators of Several Variables and Baker Functions. Letters in Mathematical Physics, 2002, 60, 1-8.	1.1	4
88	Half integral weight Jacobi forms and periods of modular forms. Manuscripta Mathematica, 2001, 104, 123-133.	0.6	5
89	Codes over Z2m and Jacobi Forms of Genus n. Journal of Combinatorial Theory - Series A, 2001, 95, 335-348.	0.8	9
90	An Analogy of Bol's Result on Jacobi Forms and Siegel Modular Forms. Journal of Mathematical Analysis and Applications, 2001, 257, 79-88.	1.0	5

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91	The complete weight enumerator of Type II codes over Z/sub 2m/ and Jacobi forms. IEEE Transactions on Information Theory, 2001, 47, 396-399.	2.4	13
92	Jacobi Forms and Generalized RC-Algebras. Rocky Mountain Journal of Mathematics, 2001, 31, .	0.4	3
93	Special values of Koecherâ€"Maass series of Siegel cusp forms. Pacific Journal of Mathematics, 2001, 198, 373-383.	0.5	5
94	Poisson transforms and mixed automorphic forms on semisimple Lie groups. Bulletin of the Australian Mathematical Society, 2000, 61, 353-370.	0.5	0
95	Differential Operators on Jacobi Forms of Several Variables. Journal of Number Theory, 2000, 82, 140-163.	0.4	15
96	Mixed Siegel Modular Forms and Special Valuesof Certain Dirichlet Series. Monatshefte Fur Mathematik, 2000, 131, 109-122.	0.9	3
97	Mixed jacobi-like forms. Complex Variables and Elliptic Equations, 2000, 42, 387-396.	0.2	1
98	Mellin Transforms of Mixed Cusp Forms. Canadian Mathematical Bulletin, 1999, 42, 263-273.	0.5	1
99	Hecke Operators on Linear Ordinary Differential Equations. Acta Applicandae Mathematicae, 1999, 59, 203-213.	1.0	0
100	Bundles of Pseudodifferential Operators and Modular Forms. Letters in Mathematical Physics, 1999, 50, 301-307.	1.1	1
101	Multilinear Operators on Siegel Modular Forms of Genus 1 and 2. Journal of Mathematical Analysis and Applications, 1999, 232, 34-44.	1.0	8
102	Automorphic pseudodifferential operators, PoincarÃ© series and Eisenstein series. Bulletin of the Australian Mathematical Society, 1999, 59, 45-52.	0.5	0
103	Rankinâ€"Cohen Operators for Jacobi and Siegel Forms. Journal of Number Theory, 1998, 68, 160-177.	0.4	29
104	Radon transforms, laplacaians, and flows for directed graphs. Linear and Multilinear Algebra, 1998, 45, 219-233.	1.0	0
105	Jacobi forms and the heat operator II. Illinois Journal of Mathematics, 1998, 42, .	0.1	13
106	Mixed Hilbert modular forms and families of abelian varieties. Glasgow Mathematical Journal, 1997, 39, 131-140.	0.3	4
107	Correspondence among Eisenstein seriesE 2,1(Ï„, z),H 3/2(Ï„) andE 2(Ï„). Manuscripta Mathematica, 1997, 93, 177-187.	0.6	7
108	Jacobi forms and the heat operator. Mathematische Zeitschrift, 1997, 225, 95-101.	0.9	23

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109	Siegel cusp forms and special values of dirichlet series of rankin type. Complex Variables and Elliptic Equations, 1996, 31, 97-103.	0.2	6
110	Characteristic classes of Kuga fiber varieties of quaternion type. Monatshefte Fur Mathematik, 1996, 121, 255-264.	0.9	1
111	A short note on the full Jacobi group. Proceedings of the American Mathematical Society, 1995, 123, 2625-2625.	0.8	4
112	Construction of Jacobi forms. Mathematische Zeitschrift, 1995, 219, 71-76.	0.9	12
113	Hecke operators on rational period functions on the Hecke groups. Resultate Der Mathematik, 1994, 25, 40-49.	0.2	2
114	On the monotonicity of the quotient of certain abelian integrals. International Journal of Mathematics and Mathematical Sciences, 1993, 16, 41-48.	0.7	0
115	Periods of mixed cusp forms. Manuscripta Mathematica, 1991, 73, 163-177.	0.6	5
116	Rational period functions and indefinite binary quadratic forms. I. Mathematische Annalen, 1990, 286, 697-707.	1.4	5
117	Mixed automorphic forms and differential equations. International Journal of Mathematics and Mathematical Sciences, 1990, 13, 661-668.	0.7	2
118	Codes, lattices and modular forms. , 0, , .		0
119	Shimura lifting on weak Maass forms. Acta Arithmetica, 0, , 1-18.	0.4	2