

Heng Huat Chan

List of Publications by Year in descending order

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67
papers

1,119
citations

331538

21
h-index

454834

30
g-index

68
all docs

68
docs citations

68
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Domb's numbers and Ramanujan's Sato type series for $1/\sqrt{2}$. <i>Advances in Mathematics</i> , 2004, 186, 396-410.	0.5	88
2	Ramanujan's Series for $1/\sqrt{2}$: A Survey. <i>American Mathematical Monthly</i> , 2009, 116, 567-587.	0.2	58
3	New analogues of Ramanujan's partition identities. <i>Journal of Number Theory</i> , 2010, 130, 1898-1913.	0.2	41
4	RAMANUJAN'S CLASS INVARIANT \hat{h}_n AND A NEW CLASS OF SERIES FOR $1/\sqrt{2}$. <i>Journal of the London Mathematical Society</i> , 2001, 64, 93-106.	0.5	39
5	New analogues of Clausen's identities arising from the theory of modular forms. <i>Advances in Mathematics</i> , 2011, 228, 1294-1314.	0.5	39
6	Powers of theta functions. <i>Pacific Journal of Mathematics</i> , 2008, 235, 1-14.	0.2	38
7	Ramanujan-Göllnitz-Gordon Continued Fraction. <i>Ramanujan Journal</i> , 1997, 1, 75-90.	0.4	36
8	NEW REPRESENTATIONS FOR APÄ%RYÄ€LIKE SEQUENCES. <i>Mathematika</i> , 2010, 56, 107-117.	0.3	35
9	Ramanujan's Series for $1/\sqrt{2}$: A Survey. <i>American Mathematical Monthly</i> , 2009, 116, 567-587.	0.2	32
10	CONGRUENCES SATISFIED BY APÄ%RY-LIKE NUMBERS. <i>International Journal of Number Theory</i> , 2010, 06, 89-97.	0.2	31
11	Rational analogues of Ramanujan's series for $1/\sqrt{2}$. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 2012, 153, 361-383.	0.3	31
12	Ramanujan and the Modular j -Invariant. <i>Canadian Mathematical Bulletin</i> , 1999, 42, 427-440.	0.3	30
13	Cubic modular equations and new Ramanujan-type series for $1/\sqrt{2}$. <i>Pacific Journal of Mathematics</i> , 2000, 192, 219-238.	0.2	29
14	Some Values for the Rogers-Ramanujan Continued Fraction. <i>Canadian Journal of Mathematics</i> , 1995, 47, 897-914.	0.3	28
15	On Ramanujan's Quartic Theory of Elliptic Functions. <i>Journal of Number Theory</i> , 2001, 88, 129-156.	0.2	28
16	The Rogers's Ramanujan continued fraction. <i>Journal of Computational and Applied Mathematics</i> , 1999, 105, 9-24.	1.1	27
17	On Ramanujan's cubic transformation formula for $2F_1(1/3, 2/3; 1; z)$. <i>Mathematical Proceedings of the Cambridge Philosophical Society</i> , 1998, 124, 193-204.	0.3	25
18	Legendre polynomials and Ramanujan-type series for $1/\sqrt{2}$. <i>Israel Journal of Mathematics</i> , 2013, 194, 183-207.	0.4	23

#	ARTICLE	IF	CITATIONS
19	Ramanujan's class invariants, Kronecker's limit formula, and modular equations. Transactions of the American Mathematical Society, 1997, 349, 2125-2173.	0.5	22
20	The Apéry numbers, the Almkvist-Zudilin numbers and new series for $1/\pi$. Mathematical Research Letters, 2009, 16, 405-420.	0.2	22
21	Ramanujan's remarkable product of theta-functions. Proceedings of the Edinburgh Mathematical Society, 1997, 40, 583-612.	0.2	21
22	Cranks and dissections in Ramanujan's lost notebook. Journal of Combinatorial Theory - Series A, 2005, 109, 91-120.	0.5	21
23	Circular summation of theta functions in Ramanujan's Lost Notebook. Journal of Mathematical Analysis and Applications, 2006, 316, 628-641.	0.5	19
24	A certain quotient of eta-functions found in Ramanujan's lost notebook. Pacific Journal of Mathematics, 2002, 202, 267-304.	0.2	19
25	Ramanujan's explicit values for the classical theta-function. Mathematika, 1995, 42, 278-294.	0.3	18
26	Ramanujan's modular equations and Atkin-Lehner involutions. Israel Journal of Mathematics, 1998, 103, 1-16.	0.4	18
27	On Eisenstein series and $\sum_{m,n=-\infty}^{\infty} q^{m^2+mn+2n^2}$. Proceedings of the American Mathematical Society, 1999, 127, 1735-1744.	0.4	17
28	On the Equivalence of Ramanujan's Partition Identities and a Connection with the Rogers's Ramanujan Continued Fraction. Journal of Mathematical Analysis and Applications, 1996, 198, 111-120.	0.5	16
29	Eisenstein Series in Ramanujan's Lost Notebook. Ramanujan Journal, 2000, 4, 81-114.	0.4	16
30	Eisenstein series and approximations to π . Illinois Journal of Mathematics, 2001, 45, .	0.1	16
31	Ramanujan's Singular Moduli. Ramanujan Journal, 1997, 1, 53-74.	0.4	15
32	Ramanujan's Eisenstein series and powers of Dedekind's eta-function. Journal of the London Mathematical Society, 2007, 75, 225-242.	0.5	15
33	On Russell-Type Modular Equations. Canadian Journal of Mathematics, 2000, 52, 31-46.	0.3	13
34	ELLIPTIC FUNCTIONS AND THE QUINTUPLE, HIRSCHHORN AND WINQUIST PRODUCT IDENTITIES. International Journal of Number Theory, 2005, 01, 33-43.	0.2	13
35	Analogues of Jacobi's inversion formula for the incomplete elliptic integral of the first kind. Advances in Mathematics, 2003, 174, 69-88.	0.5	12
36	Cubic singular moduli, Ramanujan's class invariants $\hat{\nu}_n$ and the explicit Shimura Reciprocity Law. Pacific Journal of Mathematics, 2003, 208, 23-37.	0.2	12

#	ARTICLE	IF	CITATIONS
37	Ramanujan's cubic continued fraction revisited. <i>Acta Arithmetica</i> , 2007, 126, 305-313.	0.2	12
38	Triple product identity, Quintuple product identity and Ramanujan's differential equations for the classical Eisenstein series. <i>Proceedings of the American Mathematical Society</i> , 2007, 135, 1987-1993.	0.4	10
39	Representations of Integers as Sums of 32 Squares. <i>Ramanujan Journal</i> , 2003, 7, 79-89.	0.4	9
40	Elliptic functions to the quintic base. <i>Pacific Journal of Mathematics</i> , 2006, 226, 53-64.	0.2	9
41	Seven-modular lattices and a septic base Jacobi identity. <i>Journal of Number Theory</i> , 2003, 99, 361-372.	0.2	8
42	Partition identities and congruences associated with the Fourier coefficients of the Euler products. <i>Journal of Computational and Applied Mathematics</i> , 2003, 160, 69-75.	1.1	8
43	Ramanujan's Association with Radicals in India. <i>American Mathematical Monthly</i> , 1997, 104, 905.	0.2	7
44	Eisenstein series and theta functions to the septic base. <i>Journal of Number Theory</i> , 2008, 128, 680-699.	0.2	7
45	Ramanujan-Weber Class Invariant G_n And Watson's Empirical Process. <i>Journal of the London Mathematical Society</i> , 1998, 57, 545-561.	0.5	6
46	RECENT PROGRESS IN THE STUDY OF REPRESENTATIONS OF INTEGERS AS SUMS OF SQUARES. <i>Bulletin of the London Mathematical Society</i> , 2005, 37, 818-826.	0.4	6
47	The 26th power of Dedekind's $\hat{\eta}$ -function. <i>Advances in Mathematics</i> , 2006, 207, 532-543.	0.5	6
48	ON $\hat{\eta}^3(a\tau), \hat{\eta}^3(b\tau)$ WITH $a+b=8$. <i>Journal of the Australian Mathematical Society</i> , 2008, 84, .	0.3	6
49	Ramanujan's Association with Radicals in India. <i>American Mathematical Monthly</i> , 1997, 104, 905-911.	0.2	5
50	An alternative transformation formula for the Dedekind $\hat{\eta}$ -function via the Chinese Remainder Theorem. <i>International Journal of Number Theory</i> , 2016, 12, 513-526.	0.2	5
51	New Ramanujan-Kolberg type partition identities. <i>Mathematical Research Letters</i> , 2002, 9, 801-811.	0.2	5
52	A Cubic Analogue of the Jacobsthal Identity. <i>American Mathematical Monthly</i> , 2011, 118, 316.	0.2	4
53	Wronskians of theta functions and series for $1/\hat{\eta}$. <i>Advances in Mathematics</i> , 2018, 338, 266-304.	0.5	4
54	Notes on Ramanujan's singular moduli. <i>CRM Proceedings & Lecture Notes</i> , 1999, , 7-16.	0.1	4

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55	A quasi-theta product in Ramanujans lost notebook. Mathematical Proceedings of the Cambridge Philosophical Society, 2003, 135, 11-18.	0.3	3
56	Cranksâ€™really, the final problem. Ramanujan Journal, 2010, 23, 3-15.	0.4	3
57	Two Dirichlet series evaluations found on page 196 of Ramanujan's Lost Notebook. Mathematical Proceedings of the Cambridge Philosophical Society, 2012, 153, 341-360.	0.3	3
58	CONGRUENCES MODULO 5 AND 7 FOR 4-COLORED GENERALIZED FROBENIUS PARTITIONS. Journal of the Australian Mathematical Society, 2017, 103, 157-176.	0.3	3
59	Complex series for $1/\sqrt{t}$. Ramanujan Journal, 2012, 29, 135-144.	0.4	2
60	The Baileyâ€™Brafman identity and its analogues. Journal of Mathematical Analysis and Applications, 2013, 399, 12-16.	0.5	2
61	A generalization of a Brafman-Bailey type identity. Proceedings of the American Mathematical Society, 2014, 143, 185-195.	0.4	2
62	Analogues of the Brentâ€™Salamin algorithm for evaluating π . Ramanujan Journal, 2015, 38, 75-100.	0.4	1
63	Borweinsâ€™ cubic theta functions revisited. Ramanujan Journal, 2022, 57, 55-70.	0.4	1
64	What is your â€œbirthday elliptic curveâ€?. Finite Fields and Their Applications, 2012, 18, 1232-1241.	0.6	0
65	On a symmetric identity of Ramanujan involving the sum of two squares function. Journal of Mathematical Analysis and Applications, 2019, 473, 1234-1243.	0.5	0
66	Cranksâ€™really, the final problem. Developments in Mathematics, 2013, , 1-13.	0.2	0
67	Ramanujanâ€™s series for $1/\sqrt{t}$: A survey (2009). , 2016, , 303-325.		0