Victor J W Guo

List of Publications by Year
in descending order

122 papers	1,531 citations	331670 21 h-index	434195 31 g-index
122 all docs	122 docs citations	122 times ranked	115 citing authors

#	Article	IF	Citations
1	A NEW -ANALOGUE OF VAN HAMMEâ€™S (A.2) SUPERCONGRUENCE. Bulletin of the Australian Mathematical Society, 2023, 107, 22-30.	0.5	1
2	A new extension of the (H.2) supercongruence of Van Hamme for primes $$pequiv 3pmod {4}$$. Ramanujan Journal, 2022, 57, 1387-1398.	0.7	2
3	Some q-analogues of supercongruences for truncated $$_3F_2$$ hypergeometric series. Ramanujan Journal, 2022, 59, 131-142.	0.7	1
4	A FAMILY OF -SUPERCONGRUENCES MODULO THE CUBE OF A CYCLOTOMIC POLYNOMIAL. Bulletin of the Australian Mathematical Society, 2022, 105, 296-302.	0.5	14
5	Two q-congruences involving double basic hypergeometric sums. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, 1.	1.2	5
6	Factors of certain sums involving central q-binomial coefficients. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, 1.	1.2	3
7	Further q-supercongruences from a transformation of Rahman. Journal of Mathematical Analysis and Applications, 2022, 511, 126062.	1.0	1
8	A New Extension of the (A.2) Supercongruence of Van Hamme. Results in Mathematics, 2022, 77, 1.	0.8	18
9	<i>q</i>-Analogues of some supercongruences related to Euler numbers. Journal of Difference Equations and Applications, 2022, 28, 58-72.	1.1	1
10	Two q-congruences from Carlitzâ€™s formula. Periodica Mathematica Hungarica, 2021, 82, 82-86.	0.9	8
11	Dwork-type supercongruences through a creative q-microscope. Journal of Combinatorial Theory - Series A, 2021, 178, 105362.	0.8	36
12	Some q-Supercongruences from Transformation Formulas for Basic Hypergeometric Series. Constructive Approximation, 2021, 53, 155-200.	3.0	49
13	A further q-analogue of Van Hammeâ€™s (H.2) supercongruence for primes p â‰¡ 3(mod4). International Journal of Number Theory, 2021, 17, 1201-1206.	0.5	20
14	Proof of a generalization of the (C.2) supercongruence of Van Hamme. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 1.	1.2	10
15	Curious q-Analogues of Two Supercongrunces Modulo the Third Power of a Prime. Results in Mathematics, 2021, 76, 1.	0.8	0
16	Some q-congruences on double basic hypergeometric sums. Journal of Difference Equations and Applications, 2021, 27, 453-461.	1.1	5
17	Some variations of a â€˜divergentâ€™ Ramanujan-type q-supercongruence. Journal of Difference Equations and Applications, 2021, 27, 376-388.	1.1	12
18	Another Family of q-Congruences Modulo the Square of a Cyclotomic Polynomial. Results in Mathematics, 2021, 76, 1.	0.8	3

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19	Some q-supercongruences modulo the square and cube of a cyclotomic polynomial. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2021, 115, 132.	1.2	5
20	Some congruences involving fourth powers of central q-binomial coefficients. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2020, 150, 1127-1138.	1.2	35
21	q-Analogues of three Ramanujan-type formulas for $$1/pi $$1/π. Ramanujan Journal, 2020, 52, 123-132.	0.7	16
22	q-Analogues of two "divergent" Ramanujan-type supercongruences. Ramanujan Journal, 2020, 52, 605-624.	0.7	19
23	A -ANALOGUE OF A HYPERGEOMETRIC CONGRUENCE. Bulletin of the Australian Mathematical Society, 2020, 101, 294-298.	0.5	4
24	Some congruences related to a congruence of Van Hamme. Integral Transforms and Special Functions, 2020, 31, 221-231.	1.2	27
25	Some New q-Congruences for Truncated Basic Hypergeometric Series: Even Powers. Results in Mathematics, 2020, 75, 1.	0.8	39
26	q-Supercongruences modulo the fourth power of a cyclotomic polynomial via creative microscoping. Advances in Applied Mathematics, 2020, 120, 102078.	0.7	40
27	A New Family of q-Supercongruences Modulo the Fourth Power of a Cyclotomic Polynomial. Results in Mathematics, 2020, 75, 155.	0.8	28
28	Proof of a supercongruence conjectured by Sun through a $${varvec{q}}$$-microscope. Proceedings of the Indian Academy of Sciences: Mathematical Sciences, 2020, 130, 1.	0.1	0
29	A family of q-hypergeometric congruences modulo the fourth power of a cyclotomic polynomial. Israel Journal of Mathematics, 2020, 240, 821-835.	0.8	36
30	Proof of Some q-Supercongruences Modulo the Fourth Power of a Cyclotomic Polynomial. Results in Mathematics, 2020, 75, 1.	0.8	15
31	A q-analogue of the (A.2) supercongruence of Van Hamme for primes $$pequiv 1pmod {4}$$. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2020, 114, 1.	1.2	22
32	q-Analogues of Dwork-type supercongruences. Journal of Mathematical Analysis and Applications, 2020, 487, 124022.	1.0	17
33	A Common q-Analogue of Two Supercongruences. Results in Mathematics, 2020, 75, 1.	0.8	21
34	Proof of a generalization of the (B.2) supercongruence of Van Hamme through a q-microscope. Advances in Applied Mathematics, 2020, 116, 102016.	0.7	21
35	PROOF OF TWO CONJECTURES ON SUPERCONGRUENCES INVOLVING CENTRAL BINOMIALÂCOEFFICIENTS. Bulletin of the Australian Mathematical Society, 2020, 102, 360-364.	0.5	4
36	q-analogues of two supercongruences of Z.-W. Sun. , 2020, 70, 757-765.		11

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37	A family of <inline-formula><tex-math id="M1">egin{document}$ q $end{document}</tex-math></inline-formula>-congruences modulo the square of a cyclotomic polynomial. Electronic Research Archive, 2020, 28, 1031-1036.	0.9	4
38	Proof of a basic hypergeometric supercongruence modulo the fifth power of a cyclotomic polynomial. Journal of Difference Equations and Applications, 2019, 25, 921-929.	1.1	27
39	Common q-Analogues of Some Different Supercongruences. Results in Mathematics, 2019, 74, 1.	0.8	27
40	Factors of some truncated basic hypergeometric series. Journal of Mathematical Analysis and Applications, 2019, 476, 851-859.	1.0	12
41	A q-analogue of the (I.2) supercongruence of Van Hamme. International Journal of Number Theory, 2019, 15, 29-36.	0.5	17
42	A symmetric generalization of an identity of Andrews and Yee. Discrete Mathematics, 2019, 342, 2112-2115.	0.7	0
43	Factors of Sums and Alternating Sums of Products of q-binomial Coefficients and Powers of q-integers. Taiwanese Journal of Mathematics, 2019, 23, .	0.4	9
44	On a q-deformation of modular forms. Journal of Mathematical Analysis and Applications, 2019, 475, 1636-1646.	1.0	25
45	Some New q-Congruences for Truncated Basic Hypergeometric Series. Symmetry, 2019, 11, 268.	2.2	19
46	A <i>q</i>-analogue of a curious supercongruence of Guillera and Zudilin. Journal of Difference Equations and Applications, 2019, 25, 342-350.	1.1	10
47	A q-microscope for supercongruences. Advances in Mathematics, 2019, 346, 329-358.	1.1	135
48	A q-congruence involving the Jacobi symbol. International Journal of Number Theory, 2019, 15, 1977-1981.	0.5	1
49	q-Analogues of the (E.2) and (F.2) supercongruences of Van Hamme. Ramanujan Journal, 2019, 49, 531-544.	0.7	27
50	Proof of a q-congruence conjectured by Tauraso. International Journal of Number Theory, 2019, 15, 37-41.	0.5	15
51	A Chung–Feller theorem for lattice paths with respect to cyclically shifting boundaries. Journal of Algebraic Combinatorics, 2019, 50, 119-126.	0.8	1
52	Some q-congruences with parameters. Acta Arithmetica, 2019, 190, 381-393.	0.4	15
53	A bijective proof of the Shor recurrence. European Journal of Combinatorics, 2018, 70, 92-98.	0.8	2
54	Ramanujan-type formulae for 1/<i>Ï€</i>: <i>q</i>-analogues. Integral Transforms and Special Functions, 2018, 29, 505-513.	1.2	17

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55	On the divisibility of sums involving powers of multi-variable Schmidt polynomials. International Journal of Number Theory, 2018, 14, 365-370.	0.5	1
56	A new proof of the q-Dixon identity. , 2018, 68, 577-580.		0
57	A q-analogue of a Ramanujan-type supercongruence involving central binomial coefficients. Journal of Mathematical Analysis and Applications, 2018, 458, 590-600.	1.0	47
58	Proofs of two conjectures on Catalan triangle numbers. Journal of Difference Equations and Applications, 2018, 24, 1473-1487.	1.1	1
59	<i>q</i>-Analogues of two Ramanujan-type formulas for $1/\pi$. Journal of Difference Equations and Applications, 2018, 24, 1368-1373.	1.1	50
60	A q-analogue of the (L.2) supercongruence of Van Hamme. Journal of Mathematical Analysis and Applications, 2018, 466, 749-761.	1.0	16
61	A q-analogue of the (J.2) supercongruence of Van Hamme. Journal of Mathematical Analysis and Applications, 2018, 466, 776-788.	1.0	12
62	A recursive algorithm for trees and forests. Discrete Mathematics, 2017, 340, 695-703.	0.7	4
63	Some congruences related to hypergeometric polynomials. Integral Transforms and Special Functions, 2017, 28, 181-184.	1.2	1
64	Proof of a congruence on sums of powers of q-binomial coefficients. International Journal of Number Theory, 2017, 13, 1571-1577.	0.5	0
65	On certain multi-variable rational identities derived from the rigidity of signature of manifolds. Journal of Mathematical Analysis and Applications, 2017, 453, 360-365.	1.0	0
66	The Rodriguez–Villegas type congruences for truncated q-hypergeometric functions. Journal of Number Theory, 2017, 174, 358-368.	0.4	18
67	Proof of a conjecture of Kløve on permutation codes under the Chebychev distance. Designs, Codes, and Cryptography, 2017, 83, 685-690.	1.6	1
68	Factors of alternating sums of powers of q -Narayana numbers. Journal of Number Theory, 2017, 177, 37-42.	0.4	2
69	A q-Clausen–Orr type formula and its applications. Journal of Mathematical Analysis and Applications, 2017, 453, 761-772.	1.0	2
70	Some generalizations of a supercongruence of van Hamme. Integral Transforms and Special Functions, 2017, 28, 888-899.	1.2	26
71	Proof of a conjecture involving Sun polynomials. Journal of Difference Equations and Applications, 2016, 22, 1184-1197.	1.1	4
72	Proof of Sun's conjectures on integer-valued polynomials. Journal of Mathematical Analysis and Applications, 2016, 444, 182-191.	1.0	11

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73	Proof of some conjectures of Z.-W. Sun on the divisibility of certain double sums. International Journal of Number Theory, 2016, 12, 615-623.	0.5	4
74	Basic and bibasic identities related to divisor functions. Journal of Mathematical Analysis and Applications, 2015, 431, 1197-1209.	1.0	8
75	Some congruences related to the q-Fermat quotients. International Journal of Number Theory, 2015, 11, 1049-1060.	0.5	3
76	A quadratic formula for basic hypergeometric series related to Askey-Wilson polynomials. Proceedings of the American Mathematical Society, 2015, 143, 2003-2015.	0.8	2
77	Some congruences involving powers of Legendre polynomials. Integral Transforms and Special Functions, 2015, 26, 660-666.	1.2	9
78	Proof of a conjecture of Z.-W. Sun on the divisibility of a triple sum. Journal of Number Theory, 2015, 156, 154-160.	0.4	1
79	Proof of a conjecture of Mircea Merca. Journal of Number Theory, 2015, 147, 590-593.	0.4	3
80	Some q-supercongruences for truncated basic hypergeometric series. Acta Arithmetica, 2015, 171, 309-326.	0.4	24
81	Proof of a supercongruence conjectured by Z.-H. Sun. Integral Transforms and Special Functions, 2014, 25, 1009-1015.	1.2	8
82	Some q-analogues of supercongruences of Rodriguez-Villegas. Journal of Number Theory, 2014, 145, 301-316.	0.4	27
83	Some divisibility properties of binomial and q -binomial coefficients. Journal of Number Theory, 2014, 135, 167-184.	0.4	19
84	Proof of two Divisibility Properties of Binomial Coefficients Conjectured by Z.-W. Sun. Electronic Journal of Combinatorics, 2014, 21, .	0.4	3
85	Proof of two conjectures of Sun on congruences for Franel numbers. Integral Transforms and Special Functions, 2013, 24, 532-539.	1.2	12
86	Two truncated identities of Gauss. Journal of Combinatorial Theory - Series A, 2013, 120, 700-707.	0.8	42
87	Proof of Andrews' conjecture on a$_4$Ï$_3$summation. Journal of Difference Equations and Applications, 2013, 19, 1035-1041.	1.1	0
88	Contiguous relations and summation and transformation formulae for basic hypergeometric series. Journal of Difference Equations and Applications, 2013, 19, 2029-2042.	1.1	1
89	NEW CONGRUENCES FOR SUMS INVOLVING APÃ‰RY NUMBERS OR CENTRAL DELANNOY NUMBERS. International Journal of Number Theory, 2012, 08, 2003-2016.	0.5	15
90	Proof of some conjectures of Z.-W. Sun on congruences for ApÃ©ry polynomials. Journal of Number Theory, 2012, 132, 1731-1740.	0.4	22

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91	Some further q-series identities related to divisor functions. Ramanujan Journal, 2011, 25, 295-306.	0.7	7
92	FACTORS OF SUMS AND ALTERNATING SUMS INVOLVING BINOMIAL COEFFICIENTS AND POWERS OF INTEGERS. International Journal of Number Theory, 2011, 07, 1959-1976.	0.5	3
93	Pairs of Lattice Paths and Positive Trigonometric Sums. Constructive Approximation, 2010, 32, 67-75.	3.0	2
94	Factors of binomial sums from the Catalan triangle. Journal of Number Theory, 2010, 130, 172-186.	0.4	20
95	Some congruences involving central q-binomial coefficients. Advances in Applied Mathematics, 2010, 45, 303-316.	0.7	23
96	On the Least Common Multiple of Q-Binomial Coefficients. Integers, 2010, 10, .	0.3	0
97	A <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>q</mml:mi></mml:math>-analogue of Zhangâ€™s binomial coefficient identities. Discrete Mathematics, 2009, 309, 5913-5919.	0.7	2
98	New finite Rogers-Ramanujan identities. Ramanujan Journal, 2009, 19, 247-266.	0.7	2
99	On arithmetic partitions of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi mathvariant="double-struck">Z</mml:mi></mml:mrow><mml:mrow><mml:mi>n</mml:mi></mml:mrow></mml:msub></mml:math>. European Journal of Combinatorics, 2009, 30, 1281-1288.	0.8	1
100	Bijective proofs of Gould's and Rothe's identities. Discrete Mathematics, 2008, 308, 1756-1759.	0.7	3
101	Multiple extensions of a finite Euler's pentagonal number theorem and the Lucas formulas. Discrete Mathematics, 2008, 308, 4069-4078.	0.7	5
102	A new proof of a theorem of Mansour and Sun. European Journal of Combinatorics, 2008, 29, 1582-1584.	0.8	2
103	Short proofs of summation and transformation formulas for basic hypergeometric series. Journal of Mathematical Analysis and Applications, 2007, 327, 310-325.	1.0	10
104	Curious extensions of Ramanujan's <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.co. Jou	1.0	3
105	A generalization of the Ramanujan polynomials and plane trees. Advances in Applied Mathematics, 2007, 39, 96-115.	0.7	10
106	Factors of alternating sums of products of binomial and q-binomial coefficients. Acta Arithmetica, 2007, 127, 17-31.	0.4	25
107	Some arithmetic properties of the <mml:math altimg="si26.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http:. European Journal of	0.8	25
108	The Eulerian distribution on involutions is indeed unimodal. Journal of Combinatorial Theory - Series A, 2006, 113, 1061-1071.	0.8	22

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109	Combinatorial interpretations of the q-Faulhaber and q-Salié coefficients. Journal of Combinatorial Theory - Series A, 2006, 113, 1501-1515.	0.8	3
110	The number of convex polyominoes and the generating function of Jacobi polynomials. Discrete Applied Mathematics, 2006, 154, 587-593.	0.9	2
111	A note on two identities arising from enumeration of convex polyominoes. Journal of Computational and Applied Mathematics, 2005, 180, 413-423.	2.0	1
112	Elementary proofs of some q-identities of Jackson and Andrews–Jain. Discrete Mathematics, 2005, 295, 63-74.	0.7	10
113	A short proof of the q-Dixon identity. Discrete Mathematics, 2005, 296, 259-261.	0.7	5
114	A Combinatorial Proof of a Symmetric q-Pfaff-Saalschütz Identity. Electronic Journal of Combinatorics, 2005, 12, .	0.4	7
115	A q-Analogue of Faulhaber's Formula for Sums of Powers. Electronic Journal of Combinatorics, 2004, 11, .	0.4	9
116	A simple proof of Dixon's identity. Discrete Mathematics, 2003, 268, 309-310.	0.7	4
117	A blossoming algorithm for tree volumes of composite digraphs. Advances in Applied Mathematics, 2003, 31, 321-333.	0.7	0
118	Bijections behind the Ramanujan Polynomials. Advances in Applied Mathematics, 2001, 27, 336-356.	0.7	11
119	Factors of sums involving q-binomial coefficients and powers of q-integers. Journal of Difference Equations and Applications, 0, , 1-10.	1.1	1
120	On a generalization of a congruence related to q-Narayana numbers. Journal of Algebraic Combinatorics, 0, , 1.	0.8	1
121	Some q-supercongruences from the Bailey transformation. Periodica Mathematica Hungarica, 0, , 1.	0.9	1
122	Some q-supercongruences related to Swisher's (H.3) conjecture. International Journal of Number Theory, 0, , 1-11.	0.5	0