

Ernest X W Xia

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Analogues of Ramanujan's partition identities. Ramanujan Journal, 2013, 31, 373-396.	0.7	49
2	Parity results for 9-regular partitions. Ramanujan Journal, 2014, 34, 109-117.	0.7	33
3	Congruences modulo 9 and 27 for overpartitions. Ramanujan Journal, 2017, 42, 301-323.	0.7	27
4	Proof of a conjecture of Hirschhorn and Sellers on overpartitions. Acta Arithmetica, 2014, 163, 59-69.	0.4	23
5	A PROOF OF KEITH'S CONJECTURE FOR 9-REGULAR PARTITIONS MODULO 3. International Journal of Number Theory, 2014, 10, 669-674.	0.5	18
6	Evaluation of the convolution sum $\sum_{i+25j=n} f(i)f(j)$. International Journal of Number Theory, 2014, 10, 1421-1430.	0.5	15
7	Several q-series related to Ramanujan's theta functions. Ramanujan Journal, 2020, 53, 705-724.	0.7	11
8	2-Log-Concavity of the Boros-Moll Polynomials. Proceedings of the Edinburgh Mathematical Society, 2013, 56, 701-722.	0.3	10
9	EVALUATION OF THE CONVOLUTION SUMS $\sum_{i+3j=n} f(i)f(3j)$ AND $\sum_{3i+j=n} f(i)f(3j)$. International Journal of Number Theory, 2014, 10, 115-123.	0.5	10
10	Proofs of some conjectures of Sun on the relations between sums of squares and sums of triangular numbers. International Journal of Number Theory, 2019, 15, 189-212.	0.5	10
11	Truncated sums for the partition function and a problem of Merca. Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas, 2022, 116, 1.	1.2	9
12	Arithmetic properties for a partition function related to the Ramanujan/Watson mock theta function $\omega(q)$. Ramanujan Journal, 2018, 46, 545-562.	0.7	8
13	EXPLICIT FORMULAS FOR THE FOURIER COEFFICIENTS OF A CLASS OF ETA QUOTIENTS. International Journal of Number Theory, 2013, 09, 487-503.	0.5	7
14	Arithmetic properties of bipartitions with 3-cores. Ramanujan Journal, 2015, 38, 529-548.	0.7	7
15	A Ramanujan-type congruence modulo 5 for 4-colored generalized Frobenius partitions. Ramanujan Journal, 2016, 39, 567-576.	0.7	7
16	Infinite families of congruences modulo 7 for broken 3-diamond partitions. Ramanujan Journal, 2016, 40, 389-403.	0.7	6
17	Generalizations of Hirschhorn's Results on Two Remarkable q -Series Expansions. Experimental Mathematics, 2022, 31, 878-882.	0.7	5
18	Congruences modulo 5 for the number of spin characters of the double covers of the symmetric and alternating groups. Acta Arithmetica, 2019, 187, 255-269.	0.4	4

#	ARTICLE	IF	CITATIONS
19	A NEW CONGRUENCE MODULO 25 FOR 1-SHELL TOTALLY SYMMETRIC PLANE PARTITIONS. Bulletin of the Australian Mathematical Society, 2015, 91, 41-46.	0.5	3
20	Proofs of some conjectures of Chan and Wang on congruences for $ (q; q)_{\infty}^{\frac{a}{b}} $. Ramanujan Journal, 2020, 53, 245-267.	0.7	3
21	Eisenstein Series Identities Involving the Borweins' Cubic Theta Functions. Journal of Applied Mathematics, 2012, 2012, 1-14.	0.9	2
22	On the 4-dissections of certain infinite products. Ramanujan Journal, 2013, 30, 1-7.	0.7	2
23	ON THE REPRESENTATIONS OF INTEGERS BY CERTAIN QUADRATIC FORMS. International Journal of Number Theory, 2013, 09, 189-204.	0.5	2
24	CONGRUENCES MODULO POWERS OF 2 FOR FLUË™S 5 DOTS BRACELET PARTITIONS. Bulletin of the Australian Mathematical Society, 2014, 89, 360-372.	0.5	2
25	Some modular relations for RamanujanË™s function $k(q)=r(q)r^2(q^2)$. Ramanujan Journal, 2014, 35, 243-251.	0.7	2
26	New infinite families of congruences for the number of tagged parts over partitions with designated summands. International Journal of Number Theory, 2018, 14, 1935-1942.	0.5	2
27	Arithmetic properties for 7-regular partition triples. Indian Journal of Pure and Applied Mathematics, 2020, 51, 717-733.	0.5	2
28	Proofs of some conjectures on the reciprocals of the RamanujanË™Gordon identities. Ramanujan Journal, 2021, 55, 497-515.	0.7	2
29	Arithmetic properties for AppellË™Lerch sums. Ramanujan Journal, 0, , 1.	0.7	2
30	THE NUMBER OF REPRESENTATIONS OF AN INTEGER AS A SUM INVOLVING GENERALIZED PENTAGONAL NUMBERS. International Journal of Number Theory, 2012, 08, 1041-1056.	0.5	1
31	Some modular relations for the GÄ¶llnitz-Gordon functions and RamanujanË™s modular equations. Indian Journal of Pure and Applied Mathematics, 2014, 45, 53-74.	0.5	1
32	Two Formulas of 2-Color Off-Diagonal Rado Numbers. Graphs and Combinatorics, 2015, 31, 299-307.	0.4	1
33	Congruences for cubic partition pairs modulo powers of 3. Ramanujan Journal, 2018, 46, 563-578.	0.7	1
34	RamanujanË™s theta function identities and the relations between sums of squares and sums of triangular numbers. International Journal of Number Theory, 2020, 16, 1275-1294.	0.5	1
35	Proof of a conjectural congruence of Chan for AppellË™Lerch sums. International Journal of Number Theory, 2021, 17, 1003-1011.	0.5	1
36	Identities and inequalities for the M_2 -rank of partitions without repeated odd parts modulo 8. Ramanujan Journal, 2022, 58, 1259-1284.	0.7	1

#	ARTICLE	IF	CITATIONS
37	On the number of representations of integers by sums of mixed numbers. International Journal of Number Theory, 2016, 12, 945-954.	0.5	0
38	Ramanujan-type congruences modulo 8 for 7- and 23-core partition functions. Ramanujan Journal, 2018, 47, 221-235.	0.7	0
39	Congruences modulo 4 for broken k -diamond partitions. Ramanujan Journal, 2018, 45, 331-348.	0.7	0
40	A generalization of Williams's™ results on Fourier coefficients of eta quotients. Ramanujan Journal, 2018, 45, 647-658.	0.7	0
41	Congruences modulo 11 for broken 5-diamond partitions. Ramanujan Journal, 2018, 46, 151-159.	0.7	0
42	On the log-concavity of the sequence for some combinatorial sequences. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2018, 148, 881-892.	1.2	0