George E Andrews

List of Publications by Year
in descending order

135 papers	6,431 citations	147801 31 h-index	133252 59 g-index
148 all docs	148 docs citations	148 times ranked	1541 citing authors

#	Article	IF	Citations
1	Combinatorics of periodic ellipsoidal billiards. Ramanujan Journal, 2023, 61, 135-147.	0.7	2
2	FOUR IDENTITIES FOR THIRD ORDER MOCKÂTHETAÂFUNCTIONS. Nagoya Mathematical Journal, 2020, 239, 173-204.	0.8	9
3	How Ramanujan may have discovered the mock theta functions. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2020, 378, 20180436.	3.4	0
4	On the Number of Even Parts in All Partitions of $$varvec{n}$$ into Distinct Parts. Annals of Combinatorics, 2020, 24, 47-54.	0.6	8
5	Sequences in Partitions, Double q-Series and the Mock Theta Function Ï3(q). Texts and Monographs in Symbolic Computation, 2020, , 25-45.	0.4	2
6	Some identities associated with mock theta functions $$omega (q)$$ Ï‰ (q) and $$u (q)$$ Î½ (q). Ramanujan Journal, 2019, 48, 613-622.	0.7	6
7	Dysonâ€™s â€œFavoriteâ€•Identity and Chebyshev Polynomials of the Third and Fourth Kind. Annals of Combinatorics, 2019, 23, 443-464.	0.6	2
8	Partitions with Parts Separated by Parity. Annals of Combinatorics, 2019, 23, 241-248.	0.6	8
9	Almost partition identities. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5428-5436.	7.1	9
10	Ramanujan's Lost Notebook. , 2018, , .		21
11	Recent Work on Mock Theta Functions. , 2018, , 365-372.		0
12	Integer Partitions with Even Parts Below Odd Parts and the Mock Theta Functions. Annals of Combinatorics, 2018, 22, 433-445.	0.6	18
13	Symmetric Expansions of Very Well-Poised Basic Hypergeometric Series. , 2018, , 21-33.		0
14	Arithmetic Properties of m-ary Partitions Without Gaps. Annals of Combinatorics, 2017, 21, 495-506.	0.6	3
15	Binary partitions and binary partition polytopes. Aequationes Mathematicae, 2017, 91, 859-869.	0.8	2
16	Congruences related to the Ramanujan/Watson mock theta functions $$omega (q)$$ Ï‰ (q) and $$u (q)$$. Ramanujan Journal, 2017, 43, 347-357.	0.7	27
17	The mth Largest and mth Smallest Parts of a Partition. Annals of Combinatorics, 2016, 20, 635-640.	0.6	0
18	The First Positive Rank and Crank Moments for Overpartitions. Annals of Combinatorics, 2016, 20, 193-207.	0.6	11

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19	Bressoud polynomials, Rogersâ€“Ramanujan type identities, and applications. Ramanujan Journal, 2016, 41, 287-304.	0.7	1
20	Partition identities with mixed mock modular forms. Journal of Number Theory, 2016, 158, 356-364.	0.4	1
21	Congruences for the Fishburn numbers. Journal of Number Theory, 2016, 161, 298-310.	0.4	9
22	Partitions associated with the Ramanujan/Watson mock theta functions Ï‰(q), Î½(q)and Ï•(q). Research in Number Theory, 2015, 1, 1.	0.4	36
23	Singular overpartitions. International Journal of Number Theory, 2015, 11, 1523-1533.	0.5	43
24	Double series representations for Schur's partition function and related identities. Journal of Combinatorial Theory - Series A, 2015, 132, 102-119.	0.8	18
25	The dual of GÃ¶llnitzâ€™s (big) partition theorem. Ramanujan Journal, 2015, 36, 171-201.	0.7	7
26	Characterizing the Number of m-ary Partitions Modulo m. American Mathematical Monthly, 2015, 122, 880.	0.3	9
27	Bailey Pairs With Free Parameters, Mock Theta Functions and Tubular Partitions. Annals of Combinatorics, 2014, 18, 563-578.	0.6	6
28	On<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>-series identities related to interval orders. European Journal of Combinatorics, 2014, 39, 178-187.	0.8	10
29	Concave and convex compositions. Ramanujan Journal, 2013, 31, 67-82.	0.7	24
30	MacMahon's sum-of-divisors functions, Chebyshev polynomials, and quasi-modular forms. Journal Fur Die Reine Und Angewandte Mathematik, 2013, 2013, .	0.9	6
31	The odd moments of ranks and cranks. Journal of Combinatorial Theory - Series A, 2013, 120, 77-91.	0.8	38
32	The Jacobiâ€“Stirling numbers. Journal of Combinatorial Theory - Series A, 2013, 120, 288-303.	0.8	23
33	On the Distribution of the spt-Crank. Mathematics, 2013, 1, 76-88.	2.2	15
34	Modularity of the concave composition generating function. Algebra and Number Theory, 2013, 7, 2103-2139.	0.6	20
35	Partitions with Early Conditions. , 2013, , 57-76.		2
36	Combinatorial interpretations of congruences for the spt-function. Ramanujan Journal, 2012, 29, 321-338.	0.7	27

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37	Eulerâ€™s Pentagonal Number Theorem and the Rogers-Fine Identity. Annals of Combinatorics, 2012, 16, 411-420.	0.6	22
38	Ranks and Cranks, Part III. , 2012, , 71-88.		0
39	q-Orthogonal polynomials, Rogers-Ramanujan identities, and mock theta functions. Proceedings of the Steklov Institute of Mathematics, 2012, 276, 21-32.	0.3	34
40	The Legendreâ€“Stirling numbers. Discrete Mathematics, 2011, 311, 1255-1272.	0.7	27
41	Parity in partition identities. Ramanujan Journal, 2010, 23, 45-90.	0.7	26
42	Arithmetic properties of partitions with even parts distinct. Ramanujan Journal, 2010, 23, 169-181.	0.7	64
43	ON q-SERIES IDENTITIES ARISING FROM LECTURE HALL PARTITIONS. International Journal of Number Theory, 2009, 05, 327-337.	0.5	7
44	Partitions with initial repetitions. Acta Mathematica Sinica, English Series, 2009, 25, 1437-1442.	0.6	13
45	The meaning of Ramanujan now and for the future. Ramanujan Journal, 2009, 20, 257-273.	0.7	1
46	A combinatorial interpretation of the Legendre-Stirling numbers. Proceedings of the American Mathematical Society, 2009, 137, 2581-2581.	0.8	33
47	The number of smallest parts in the partitions of n. Journal Fur Die Reine Und Angewandte Mathematik, 2008, 2008, .	0.9	42
48	MacMahon's partition analysis XII: Plane partitions. Journal of the London Mathematical Society, 2007, 76, 647-666.	1.0	11
49	Eulerâ€™s â€œDe Partitio Numerorumâ€• Bulletin of the American Mathematical Society, 2007, 44, 561-573.	1.5	27
50	On Sloane's generalization of non-squashing stacks of boxes. Discrete Mathematics, 2007, 307, 1185-1190.	0.7	4
51	Integrals, partitions and MacMahon's Theorem. Journal of Combinatorial Theory - Series A, 2007, 114, 545-554.	0.8	19
52	Partitions, Durfee symbols, and the Atkinâ€“Garvan moments of ranks. Inventiones Mathematicae, 2007, 169, 37-73.	2.5	82
53	Carlitz and the general 3Ï†2. Ramanujan Journal, 2007, 13, 311-318.	0.7	5
54	The Bailey transform and false theta functions. Ramanujan Journal, 2007, 14, 173-188.	0.7	21

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55	On the number of distinct multinomial coefficients. Journal of Number Theory, 2006, 118, 15-30.	0.4	4
56	On the work of Basil Gordon. Journal of Combinatorial Theory - Series A, 2006, 113, 21-38.	0.8	0
57	a-Gaussian Polynomials and Finite Rogers-Ramanujan Identities. , 2005, , 39-60.		2
58	Ramanujan's â€œLostâ€•Notebook VIII: the entire Rogersâ€“Ramanujan function. Advances in Mathematics, 2005, 191, 393-407.	1.1	15
59	Ramanujan's â€œLostâ€•notebook IX: the partial theta function as an entire function. Advances in Mathematics, 2005, 191, 408-422.	1.1	20
60	Continued fractions with three limit points. Advances in Mathematics, 2005, 192, 231-258.	1.1	25
61	A New Partition Identity Coming from Complex Dynamics. Annals of Combinatorics, 2005, 9, 245-257.	0.6	3
62	Extension of Abel's Lemma with q-Series Implications. Ramanujan Journal, 2005, 10, 137-152.	0.7	12
63	Ramanujan's congruences and Dyson's crank. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15277-15277.	7.1	5
64	Partitions with short sequences and mock theta functions. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4666-4671.	7.1	38
65	A new four parameter q-series identity and its partition implications. Inventiones Mathematicae, 2003, 153, 231-260.	2.5	25
66	The WP-Bailey Tree and its Implications. Journal of the London Mathematical Society, 2002, 66, 529-549.	1.0	35
67	On Ramanujanâ€™s continued fraction for $(q^2;q^3)_{infty }/(q;q^3)_{infty }$. Transactions of the American Mathematical Society, 2002, 355, 2397-2411.	0.9	8
68	MacMahonâ€™s Partition Analysis: The Omega Package. European Journal of Combinatorics, 2001, 22, 887-904.	0.8	54
69	q-ENGEL SERIES EXPANSIONS AND SLATER'S IDENTITIES. Quaestiones Mathematicae, 2001, 24, 403-416.	0.6	6
70	Macmahon's partition analysis IX:K-gon partitions. Bulletin of the Australian Mathematical Society, 2001, 64, 321-329.	0.5	16
71	An algorithmic approach to discovering and provingq-series identities. Algorithmica, 2001, 29, 34-43.	1.3	3
72	MacMahon's Partition Analysis. Advances in Applied Mathematics, 2001, 27, 231-242.	0.7	18

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73	An algebraic identity of F.H. Jackson and its implications for partitions. Discrete Mathematics, 2001, 232, 77-83.	0.7	9
74	MacMahon's Partition Analysis VI: A New Reduction Algorithm. Annals of Combinatorics, 2001, 5, 251-270.	0.6	25
75	Some Debts I Owe. , 2001, , 1-16.		2
76	Baileyâ€™s Transform, Lemma, Chains and Tree. , 2001, , 1-22.		37
77	q-series identities and values of certain L-functions. Duke Mathematical Journal, 2001, 108, .	1.5	46
78	Engel Expansions of q-Series by Computer Algebra. Developments in Mathematics, 2001, , 33-57.	0.4	2
79	An Infinite Family of Engel Expansions of Rogersâ€“Ramanujan Type. Advances in Applied Mathematics, 2000, 25, 2-11.	0.7	19
80	Engel Expansions and the Rogersâ€“Ramanujan Identities. Journal of Number Theory, 2000, 80, 273-290.	0.4	12
81	MacMahon's Partition Analysis: II Fundamental Theorems. Annals of Combinatorics, 2000, 4, 327-338.	0.6	20
82	q-analogs of the binomial coefficient congruences of Babbage, Wolstenholme and Glaisher. Discrete Mathematics, 1999, 204, 15-25.	0.7	38
83	Stacked lattice boxes. Annals of Combinatorics, 1999, 3, 115-130.	0.6	11
84	A Quartic Key Identity for a Partition Theorem of GÃ¶llnitz. Journal of Number Theory, 1999, 75, 220-236.	0.4	6
85	THE BAILEY TRANSFORM AND D.B. SEARS. Quaestiones Mathematicae, 1999, 22, 19-26.	0.6	7
86	Pfaff's method (I): The Mills-Robbins-Rumsey determinant. Discrete Mathematics, 1998, 193, 43-60.	0.7	13
87	A Trinomial Analogue of Bailey's Lemma and N = 2 Superconformal Invariance. Communications in Mathematical Physics, 1998, 192, 245-260.	2.2	17
88	The Geometric Series in Calculus. American Mathematical Monthly, 1998, 105, 36.	0.3	3
89	The Geometric Series in Calculus. American Mathematical Monthly, 1998, 105, 36-40.	0.3	10
90	q-Series Arising From The Study of Random Graphs. SIAM Journal on Discrete Mathematics, 1997, 10, 41-56.	0.8	22

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91	Simplicity and Surprise in Ramanujan's â€œLostâ€•Notebook. American Mathematical Monthly, 1997, 104, 918-925.	0.3	0
92	Rogers-Ramanujan Type Identities for Partitions with Attached Odd Parts. Ramanujan Journal, 1997, 1, 91-99.	0.7	19
93	The Well-Poised Thread: An Organized Chronicle of Some Amazing Summations and their Implications. Ramanujan Journal, 1997, 1, 7-23.	0.7	8
94	Pfaff's method (II): diverse applications. Journal of Computational and Applied Mathematics, 1996, 68, 15-23.	2.0	9
95	On a Conjecture of Peter Borwein. Journal of Symbolic Computation, 1995, 20, 487-501.	0.8	26
96	Plane partitions V: The TSSCPP conjecture. Journal of Combinatorial Theory - Series A, 1994, 66, 28-39.	0.8	50
97	On the difference of successive Gaussian polynomials. Journal of Statistical Planning and Inference, 1993, 34, 19-22.	0.6	14
98	Determinant identities. Pacific Journal of Mathematics, 1993, 158, 1-14.	0.5	23
99	Basic Hypergeometric Series. By George Gasper and Mizan Rahman. American Mathematical Monthly, 1991, 98, 282-285.	0.3	0
100	Ramanujan's â€œlostâ€•notebook VII: The sixth order mock theta functions. Advances in Mathematics, 1991, 89, 60-105.	1.1	122
101	Partitions and indefinite quadratic forms. Inventiones Mathematicae, 1988, 91, 391-407.	2.5	100
102	Dysonâ€™s crank of a partition. Bulletin of the American Mathematical Society, 1988, 18, 167-171.	1.5	238
103	Rogers-Ramanujan identities for partitions with â€œN copies of Nâ€• Journal of Combinatorial Theory - Series A, 1987, 45, 40-49.	0.8	55
104	The fifth and seventh order mock theta functions. Transactions of the American Mathematical Society, 1986, 293, 113-134.	0.9	128
105	Questions and Conjectures in Partition Theory. American Mathematical Monthly, 1986, 93, 708-711.	0.3	18
106	Ramanujan's â€œLostâ€•Notebook V: Euler's partition identity. Advances in Mathematics, 1986, 61, 156-164.	1.1	43
107	Lattice gas generalization of the hard hexagon model. I. Star-triangle relation and local densities. Journal of Statistical Physics, 1986, 44, 249-271.	1.2	29
108	Lattice gas generalization of the hard hexagon model. II. The local densities as elliptic functions. Journal of Statistical Physics, 1986, 44, 713-728.	1.2	16

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109	Ramanujan's â€œLostâ€•notebook IV. Stacks and alternating parity in partitions. Advances in Mathematics, 1984, 53, 55-74.	1.1	33
110	Eight-vertex SOS model and generalized Rogers-Ramanujan-type identities. Journal of Statistical Physics, 1984, 35, 193-266.	1.2	745
111	Multiple series Rogers-Ramanujan type identities. Pacific Journal of Mathematics, 1984, 114, 267-283.	0.5	167
112	Euler's Pentagonal Number Theorem. Mathematics Magazine, 1983, 56, 279-284.	0.1	48
113	Euler's Pentagonal Number Theorem. Mathematics Magazine, 1983, 56, 279.	0.1	7
114	Ramanujan's â€œLostâ€•Notebook. I. Partial Î¸-functions. Advances in Mathematics, 1981, 41, 137-172.	1.1	88
115	Ramanujan's â€œLostâ€•Notebook. II. Î¸-function expansions. Advances in Mathematics, 1981, 41, 173-185.	1.1	17
116	A Note on Partitions and Triangles with Integer Sides. American Mathematical Monthly, 1979, 86, 477-478.	0.3	27
117	An Introduction to Ramanujan's â€œLostâ€•Notebook. American Mathematical Monthly, 1979, 86, 89-108.	0.3	98
118	An Introduction to Ramanujan's "lost" Notebook. American Mathematical Monthly, 1979, 86, 89.	0.3	78
119	Plane partitions (III): The weak Macdonald conjecture. Inventiones Mathematicae, 1979, 53, 193-225.	2.5	79
120	Enumeration of Partitions: The Role of Eulerian Series and q-Orthogonal Polynomials. , 1977, , 3-26.		54
121	Mac Mahon's Prime Numbers of Measurement. American Mathematical Monthly, 1975, 82, 922-923.	0.3	2
122	A Theorem on Reciprocal Polynomials with Applications to Permutations and Compositions. American Mathematical Monthly, 1975, 82, 830-833.	0.3	19
123	Problems and Prospects for Basic Hypergeometric Functions. , 1975, , 191-224.		112
124	Summations and Transformations for Basic Appell Series. Journal of the London Mathematical Society, 1972, s2-4, 618-622.	1.0	45
125	Two theorems of Gauss and allied identities proved arithmetically. Pacific Journal of Mathematics, 1972, 41, 563-578.	0.5	59
126	A General Theorem on Partitions with Difference Conditions. American Journal of Mathematics, 1969, 91, 18.	1.1	26

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127	A generalization of the classical partition theorems. Transactions of the American Mathematical Society, 1969, 145, 205-221.	0.9	19
128	ON q-DIFFERENCE EQUATIONS FOR CERTAIN WELL-POISED BASIC HYPERGEOMETRIC SERIES. Quarterly Journal of Mathematics, 1968, 19, 433-447.	0.8	57
129	A new generalization of Schur's second partition theorem. Acta Arithmetica, 1968, 14, 429-434.	0.4	24
130	On Schur's second partition theorem. Glasgow Mathematical Journal, 1967, 8, 127-132.	0.3	28
131	A generalization of a partition theorem of MacMahon. Journal of Combinatorial Theory, 1967, 3, 100-101.	0.4	11
132	Some new partition theorems. Journal of Combinatorial Theory, 1967, 2, 431-436.	0.4	33
133	q-identities of Auluck, Carlitz, and Rogers. Duke Mathematical Journal, 1966, 33, 575.	1.5	28
134	An Analytic Proof of the Rogers-Ramanujan-Gordon Identities. American Journal of Mathematics, 1966, 88, 844.	1.1	55
135	ON THE PARITY OF THE GENERALISED FROBENIUS PARTITION FUNCTIONS. Bulletin of the Australian Mathematical Society, 0, , 1-6.	0.5	0