

# Victor H Moll

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64  
papers

403  
citations

12  
h-index

17  
g-index

64  
ext. papers

461  
ext. citations

1.1  
avg, IF

3.47  
L-index

#	Paper	IF	Citations
64	On Some Integrals Involving the Hurwitz Zeta Function: Part 1. <i>Ramanujan Journal</i> , <b>2002</b> , 6, 159-188	0.7	32
63	Ramanujan's Master Theorem. <i>Ramanujan Journal</i> , <b>2012</b> , 29, 103-120	0.7	28
62	A formula for a quartic integral: a survey of old proofs and some new ones. <i>Ramanujan Journal</i> , <b>2009</b> , 18, 91-102	0.7	28
61	On Some Integrals Involving the Hurwitz Zeta Function: Part 2. <i>Ramanujan Journal</i> , <b>2002</b> , 6, 449-468	0.7	27
60	The evaluation of Tornheim double sums, Part 1. <i>Journal of Number Theory</i> , <b>2006</b> , 116, 200-229	0.5	26
59	An integral hidden in Gradshteyn and Ryzhik. <i>Journal of Computational and Applied Mathematics</i> , <b>1999</b> , 106, 361-368	2.4	21
58	The 2-adic Valuation of Stirling Numbers. <i>Experimental Mathematics</i> , <b>2008</b> , 17, 69-82	0.5	17
57	Generalized Fibonacci Polynomials and Fibonomial Coefficients. <i>Annals of Combinatorics</i> , <b>2014</b> , 18, 541-562	0.7	14
56	A Sequence of Unimodal Polynomials. <i>Journal of Mathematical Analysis and Applications</i> , <b>1999</b> , 237, 272-287	0.8	14
55	Definite integrals by the method of brackets. Part 1??The first author was partially funded by Fondecyt (Chile), Grant number 3080029. The work of the second author was partially funded by NSF-DMS 0070567.. <i>Advances in Applied Mathematics</i> , <b>2010</b> , 45, 50-73	0.8	12
54	Arithmetical properties of a sequence arising from an arctangent sum. <i>Journal of Number Theory</i> , <b>2008</b> , 128, 1807-1846	0.5	12
53	The double square root, Jacobi polynomials and Ramanujan's Master Theorem. <i>Journal of Computational and Applied Mathematics</i> , <b>2001</b> , 130, 337-344	2.4	12
52	A Criterion for Unimodality. <i>Electronic Journal of Combinatorics</i> , <b>1999</b> , 6,	1.1	12
51	A remarkable sequence of integers <b>2009</b> , 27, 289-312		11
50	The 2-adic valuation of a sequence arising from a rational integral. <i>Journal of Combinatorial Theory - Series A</i> , <b>2008</b> , 115, 1474-1486	1	11
49	A generalized polygamma function. <i>Integral Transforms and Special Functions</i> , <b>2004</b> , 15, 101-115	1	11
48	Self-reciprocal functions, powers of the Riemann zeta function and modular-type transformations. <i>Journal of Number Theory</i> , <b>2015</b> , 147, 211-249	0.5	9

47	The p-adic valuation of k-central binomial coefficients. <i>Acta Arithmetica</i> , <b>2009</b> , 140, 31-42	1.1	9
46	The Zagier modification of Bernoulli numbers and a polynomial extension. Part I. <i>Ramanujan Journal</i> , <b>2014</b> , 33, 379-422	0.7	7
45	On Some Families of Integrals Solvable in Terms of Polygamma and Negapolygamma Functions. <i>Integral Transforms and Special Functions</i> , <b>2003</b> , 14, 187-203	1	7
44	Landen transformations and the integration of rational functions. <i>Mathematics of Computation</i> , <b>2001</b> , 71, 649-669	1.6	6
43	Identities for generalized Euler polynomials. <i>Integral Transforms and Special Functions</i> , <b>2014</b> , 25, 777-789	1	5
42	Ramanujan's Master Theorem applied to the evaluation of Feynman diagrams. <i>Advances in Applied Mathematics</i> , <b>2015</b> , 63, 214-230	0.8	5
41	On polynomials connected to powers of Bessel functions. <i>International Journal of Number Theory</i> , <b>2014</b> , 10, 1245-1257	0.5	5
40	A Simple Example of a New Class of Landen Transformations. <i>American Mathematical Monthly</i> , <b>2007</b> , 114, 232-241	0.3	5
39	Recursion rules for the hypergeometric zeta function. <i>International Journal of Number Theory</i> , <b>2014</b> , 10, 1761-1782	0.5	4
38	A class of logarithmic integrals. <i>Ramanujan Journal</i> , <b>2009</b> , 20, 91-126	0.7	4
37	The evaluation of Tornheim double sums. Part 2. <i>Ramanujan Journal</i> , <b>2010</b> , 22, 55-99	0.7	4
36	Asymptotic valuations of sequences satisfying first order recurrences. <i>Proceedings of the American Mathematical Society</i> , <b>2008</b> , 137, 885-890	0.8	4
35	THE FINITE FOURIER TRANSFORM OF CLASSICAL POLYNOMIALS. <i>Journal of the Australian Mathematical Society</i> , <b>2015</b> , 98, 145-160	0.5	3
34	ITERATED PRIMITIVES OF LOGARITHMIC POWERS. <i>International Journal of Number Theory</i> , <b>2011</b> , 07, 623-634	0.5	3
33	The Laplace transform of the digamma function: An integral due to Glasser, Manna and Oloa. <i>Proceedings of the American Mathematical Society</i> , <b>2008</b> , 136, 3211-3221	0.8	3
32	Rational Landen transformations on $\mathbb{R}$ . <i>Mathematics of Computation</i> , <b>2007</b> , 76, 2023-2044	1.6	3
31	An Integral with Three Parameters. <i>SIAM Review</i> , <b>1998</b> , 40, 972-980	7.4	3
30	Activation waves in a model of platelet aggregation: existence of solutions and stability of travelling fronts. <i>Journal of Mathematical Biology</i> , <b>1993</b> , 31, 675-701	2	3

29	A rational Landen transformation. The case of degree six. <i>Contemporary Mathematics</i> , <b>2000</b> , 83-91	1.6	3
28	A generalized modified Bessel function and a higher level analogue of the theta transformation formula. <i>Journal of Mathematical Analysis and Applications</i> , <b>2018</b> , 459, 385-418	1.1	2
27	An extension of the method of brackets. Part 1. <i>Open Mathematics</i> , <b>2017</b> , 15, 1181-1211	0.8	2
26	THE ITERATED INTEGRALS OF $\ln(1 + xn)$ . <i>International Journal of Number Theory</i> , <b>2012</b> , 08, 71-94	0.5	2
25	An integral with three parameters. Part 2. <i>Journal of Computational and Applied Mathematics</i> , <b>2001</b> , 134, 113-126	2.4	2
24	Pochhammer symbol with negative indices. A new rule for the method of brackets. <i>Open Mathematics</i> , <b>2016</b> , 14, 681-686	0.8	2
23	A symbolic approach to some identities for Bernoulli-Barnes polynomials. <i>International Journal of Number Theory</i> , <b>2016</b> , 12, 649-662	0.5	2
22	A Hypergeometric Inequality. <i>Annals of Combinatorics</i> , <b>2016</b> , 20, 65-72	0.7	1
21	The Zagier polynomials. Part II: Arithmetic properties of coefficients. <i>Ramanujan Journal</i> , <b>2014</b> , 35, 361-399		1
20	The unimodality of a polynomial coming from a rational integral. Back to the original proof. <i>Journal of Mathematical Analysis and Applications</i> , <b>2014</b> , 420, 1154-1166	1.1	1
19	The evaluation of a quartic integral via Schwinger, Schur and Bessel. <i>Ramanujan Journal</i> , <b>2012</b> , 28, 1-14	0.7	1
18	From sequences to polynomials and back, via operator orderings. <i>Journal of Mathematical Physics</i> , <b>2013</b> , 54, 123502	1.2	1
17	A Binary Tree Representation for the 2-Adic Valuation of a Sequence Arising From a Rational Integral. <i>Integers</i> , <b>2010</b> , 10,		1
16	THE ACTION OF HECKE OPERATORS ON HYPERGEOMETRIC FUNCTIONS. <i>Journal of the Australian Mathematical Society</i> , <b>2010</b> , 89, 51-74	0.5	1
15	Complementary Bell Numbers: Arithmetical Properties and Wilf Conjecture <b>2013</b> , 23-56		1
14	Modified Nörlund polynomials. <i>Ramanujan Journal</i> , <b>2017</b> , 42, 69-96	0.7	0
13	An extension of the method of brackets. Part 2. <i>Open Mathematics</i> , <b>2020</b> , 18, 983-995	0.8	0
12	Mellin-Barnes integrals and the method of brackets. <i>European Physical Journal C</i> , <b>2022</b> , 82, 1	4.2	0

- 11 Periodicity in the p-adic valuation of a polynomial. *Journal of Number Theory*, **2017**, 180, 139-153 0.5
- 10 A by-product of an integral evaluation. *Ramanujan Journal*, **2015**, 37, 219-222 0.7
- 9 Asymptotics and exact formulas for Zagier polynomials. *Research in Number Theory*, **2016**, 2, 1 0.5
- 8 A special rational function with vanishing integral. *Integral Transforms and Special Functions*, **2013**, 24, 970-975 1
- 7 Integrals of Frullani type and the method of brackets. *Open Mathematics*, **2017**, 15, 1-12 0.8
- 6 A fast numerical algorithm for the integration of rational functions. *Numerische Mathematik*, **2010**, 115, 289-307 2.2
- 5 Combinatorial and arithmetical properties of the restricted and associated Bell and factorial numbers. *Electronic Journal of Combinatorics*, **2018**, 9, 693-720 0
- 4 The Method of Brackets in Experimental Mathematics **2018**, 307-318
- 3 Arithmetic properties of the sum of divisors. *Journal of Number Theory*, **2021**, 223, 325-349 0.5
- 2 A triple integral analog of a multiple zeta value. *International Journal of Number Theory*, **2021**, 17, 223-237.5
- 1 Analytic Expressions for Debye Functions and the Heat Capacity of a Solid. *Mathematics*, **2022**, 10, 1745 2.3