Djurdje Cvijovic

List of Publications by Year
in descending order

49 papers	551 citations	623734 14 h-index	713466 21 g-index
50 all docs	50 docs citations	50 times ranked	295 citing authors

#	Article	IF	Citations
1	Exact computation of the triply periodic D (`diamond') minimal surface. Chemical Physics Letters, 1999, 314, 543-551.	2.6	48
2	New identities for the partial Bell polynomials. Applied Mathematics Letters, 2011, 24, 1544-1547.	2.7	39
3	New rapidly convergent series representations for $\zeta (2n+1)$. Proceedings of the American Mathematical Society, 1997, 125, 1263-1271.	0.8	29
4	Integral representations of the Riemann zeta function for odd-integer arguments. Journal of Computational and Applied Mathematics, 2002, 142, 435-439.	2.0	29
5	The Bloch-Gruneisen function of arbitrary order and its series representations. Theoretical and Mathematical Physics(Russian Federation), 2011, 166, 37-42.	0.9	26
6	Values of the polygamma functions at rational arguments. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 15019-15028.	2.1	24
7	New integral representations of the polylogarithm function. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2007, 463, 897-905.	2.1	24
8	Extensions of Euler harmonic sums. Applicable Analysis and Discrete Mathematics, 2012, 6, 317-328.	0.7	24
9	The computation of the triply periodic I-WP minimal surface. Chemical Physics Letters, 1994, 226, 93-99.	2.6	23
10	New Formulae for the Bernoulli and Euler Polynomials at Rational Arguments. Proceedings of the American Mathematical Society, 1995, 123, 1527.	0.8	23
11	Values of the Legendre chi and Hurwitz zeta functions at rational arguments. Mathematics of Computation, 1999, 68, 1623-1631.	2.1	22
12	Derivative polynomials and closed-form higher derivative formulae. Applied Mathematics and Computation, 2009, 215, 3002-3006.	2.2	16
13	A reduction formula for the Kampé de Fériet function. Applied Mathematics Letters, 2010, 23, 769-771.	2.7	15
14	Some polynomials associated with Williams' limit formula for $\zeta (2n)$. Mathematical Proceedings of the Cambridge Philosophical Society, 2003, 135, 199-209.	0.4	14
15	Closed-form summations of Dowker's and related trigonometric sums. Journal of Physics A: Mathematical and Theoretical, 2012, 45, 374015.	2.1	14
16	The Dattoli–Srivastava conjectures concerning generating functions involving the harmonic numbers. Applied Mathematics and Computation, 2010, 215, 4040-4043.	2.2	12
17	Closed-form summation of the Dowker and related sums. Journal of Mathematical Physics, 2007, 48, 043507.	1.1	11
18	Integral representations of the Legendre chi function. Journal of Mathematical Analysis and Applications, 2007, 332, 1056-1062.	1.0	11

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19	Closed-form summations of certain hypergeometric-type series containing the digamma function. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 455205.	2.1	11
20	Summation formulae for finite cotangent sums. Applied Mathematics and Computation, 2009, 215, 1135-1140.	2.2	11
21	Closed-Form Summation of Some Trigonometric Series. Mathematics of Computation, 1995, 64, 205.	2.1	10
22	Integrals involving complete elliptic integrals. Journal of Computational and Applied Mathematics, 1999, 106, 169-175.	2.0	10
23	Polypseudologarithms revisited. Physica A: Statistical Mechanics and Its Applications, 2010, 389, 1594-1600.	2.6	9
24	The T and CLP families of triply periodic minimal surfaces. Part 1. Derivation of parametric equations. Journal De Physique, I, 1992, 2, 137-147.	1.2	7
25	Continued-fraction expansions for the Riemann zeta function and polylogarithms. Proceedings of the American Mathematical Society, 1997, 125, 2543-2550.	0.8	7
26	Summation of a family of finite secant sums. Applied Mathematics and Computation, 2007, 190, 590-598.	2.2	7
27	Higher-order tangent and secant numbers. Computers and Mathematics With Applications, 2011, 62, 1879-1886.	2.7	7
28	Closed-form evaluation of some families of cotangent and cosecant integrals. Integral Transforms and Special Functions, 2008, 19, 147-155.	1.2	6
29	Fermi-Dirac and Bose-Einstein functions of negative integer order. Theoretical and Mathematical Physics(Russian Federation), 2009, 161, 1663-1668.	0.9	6
30	New Laplace transforms of Kummer's confluent hypergeometric functions. Mathematical and Computer Modelling, 2012, 55, 1068-1071.	2.0	6
31	Closed-form evaluation of some families of definite tangent and secant integrals. Integral Transforms and Special Functions, 2007, 18, 569-579.	1.2	5
32	Closed-form summation of two families of finite tangent sums. Applied Mathematics and Computation, 2008, 196, 661-665.	2.2	5
33	Values of the derivatives of the cotangent at rational multiples of π. Applied Mathematics Letters, 2009, 22, 217-220.	2.7	5
34	Summation formulae for finite tangent and secant sums. Applied Mathematics and Computation, 2011, 218, 741-745.	2.2	5
35	Some discrete Fourier transform pairs associated with the Lipschitz–Lerch Zeta function. Applied Mathematics Letters, 2009, 22, 1081-1084.	2.7	4
36	Limit Representations of Riemann's Zeta Function. American Mathematical Monthly, 2012, 119, 324.	0.3	4

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37	Evaluations of some classes of the trigonometric moment integrals. Journal of Mathematical Analysis and Applications, 2009, 351, 244-256.	1.0	3
38	Closed-form formulae for the derivatives of trigonometric functions at rational multiples of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"><mml:mi>Ï€</mml:mi></mml:math>. Applied Mathematics Letters, 2009, 22, 906-909.	2.7	3
39	The Fourier series expansions of the Legendre incomplete elliptic integrals of the first and second kind. Integral Transforms and Special Functions, 2010, 21, 235-242.	1.2	3
40	A note on convexity properties of functions related to the Hurwitz zeta and alternating Hurwitz zeta function. Journal of Mathematical Analysis and Applications, 2020, 487, 123972.	1.0	3
41	Closed-form evaluations of certain definite integrals by employing the Cauchy integral theorem. Numerical Algorithms, 2008, 49, 129-141.	1.9	2
42	A dilogarithmic integral arising in quantum field theory. Journal of Mathematical Physics, 2009, 50, 023515.	1.1	2
43	The Harukiâ€"Rassias and related integral representations of the Bernoulli and Euler polynomials. Journal of Mathematical Analysis and Applications, 2008, 337, 169-173.	1.0	1
44	The Lerch zeta and related functions of non-positive integer order. Proceedings of the American Mathematical Society, 2010, 138, 827-827.	0.8	1
45	Exponential and trigonometric sums associated with the Lerch zeta and Legendre chi functions. Computers and Mathematics With Applications, 2010, 59, 1484-1490.	2.7	1
46	A new hypergeometric transformation of the Rathieâ€"Rakha type. Applied Mathematics Letters, 2011, 24, 340-343.	2.7	1
47	Two general families of integerâ€"valued polynomials associated with finite trigonometric sums. Journal of Mathematical Analysis and Applications, 2020, 488, 124057.	1.0	1
48	Another discrete Fourier transform pairs associated with the Lipschitzâ€"Lerch zeta function. Applied Mathematics and Computation, 2012, 218, 6744-6747.	2.2	0
49	Another two families of integer-valued polynomials associated with finite trigonometric sums. Applicable Analysis and Discrete Mathematics, 2021, 15, 69-81.	0.7	0