

Tibor K Pogány

List of Publications by Year in descending order

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140
papers

1,106
citations

516710

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25
g-index

142
all docs

142
docs citations

142
times ranked

474
citing authors

#	ARTICLE	IF	CITATIONS
1	Extension of Mathieu series and alternating Mathieu series involving the Neumann function Y_u . Periodica Mathematica Hungarica, 2023, 86, 191-209.	0.9	2
2	New Expression for CDF of $\chi_u^2(\lambda)$ Distribution and Marcum Q_1 Function. Results in Mathematics, 2022, 77, 1.	0.8	1
3	Observations on the McKay I Bessel distribution. Journal of Mathematical Analysis and Applications, 2022, 516, 126481.	1.0	2
4	On some new Gaussian hypergeometric summation formulae with applications. Quaestiones Mathematicae, 2021, 44, 669-677.	0.6	0
5	On a second type Neumann series of modified Bessel functions of the first kind. Integral Transforms and Special Functions, 2021, 32, 105-112.	1.2	1
6	On new formulae for cumulative distribution function for McKay Bessel distribution. Communications in Statistics - Theory and Methods, 2021, 50, 143-160.	1.0	6
7	Approximation of CDF of Non-Central Chi-Square Distribution by Mean-Value Theorems for Integrals. Mathematics, 2021, 9, 129.	2.2	3
8	On complete monotonicity of three parameter Mittag-Leffler function. Applicable Analysis and Discrete Mathematics, 2021, 15, 118-128.	0.7	15
9	Multi-parameter Mathieu, and alternating Mathieu series. Applied Mathematics and Computation, 2021, 400, 126099.	2.2	3
10	CDF of non-central χ^2 distribution revisited. Incomplete hypergeometric type functions approach. Indagationes Mathematicae, 2021, 32, 901-915.	0.4	2
11	Non-Debye relaxations: Smearred time evolution, memory effects, and the Laplace exponents. Communications in Nonlinear Science and Numerical Simulation, 2021, 99, 105837.	3.3	10
12	Non-Debye relaxations: The characteristic exponent in the excess wings model. Communications in Nonlinear Science and Numerical Simulation, 2021, 103, 106006.	3.3	4
13	On the Crossed Term Integral Occuring in the Coulomb Self-Energy of Uniformly Charged Hollow Cylinder. Topics in Intelligent Engineering and Informatics, 2020, , 209-222.	0.4	0
14	Second Type Neumann Series of Generalized Nicholson Function. Results in Mathematics, 2020, 75, 1.	0.8	1
15	The Log-Odd Normal Generalized Family of Distributions with Application. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180207.	0.8	1
16	Sampling Theorems for Stochastic Signals. Appraisal of Paul L. Butzer's Work. Axioms, 2019, 8, 91.	1.9	1
17	Hypergeometric solutions for Coulomb self-energy model of uniformly charged hollow cylinder. Integral Transforms and Special Functions, 2019, 30, 418-430.	1.2	3
18	Integral Representations for Products of Two Bessel or Modified Bessel Functions. Mathematics, 2019, 7, 978.	2.2	2

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19	On series representations for modified Bessel function of second kind of integer order. Integral Transforms and Special Functions, 2019, 30, 181-189.	1.2	3
20	On (p, q) -extension of further members of Bessel-Struve functions class. Miskolc Mathematical Notes, 2019, 20, 451.	0.6	3
21	On Generalized Derivative Sampling Series Expansion. , 2019, , 491-519.		1
22	On properties and applications of (p, q) -extended \tilde{I}_n -hypergeometric functions. Comptes Rendus Mathematique, 2018, 356, 278-282.	0.3	4
23	Precise formulae for Bravo coefficients. Operations Research Letters, 2018, 46, 189-192.	0.7	0
24	ON SUMS OF INDEPENDENT GENERALIZED PARETO RANDOM VARIABLES WITH APPLICATIONS TO INSURANCE AND CAT BONDS. Probability in the Engineering and Informational Sciences, 2018, 32, 296-305.	0.8	8
25	Integral form of Le Roy-type hypergeometric function. Integral Transforms and Special Functions, 2018, 29, 580-584.	1.2	7
26	On Moments of Gamma-Exponentiated Functional Distribution. Stats, 2018, 1, 14-20.	0.9	0
27	On p -extended Mathieu series. Rad Hrvatske Akademije Znanosti I Umjetnosti, Matematicke Znanosti, 2018, 534, 107-117.	0.4	5
28	A Model of OFDM based Maritime VHF Communication System for Data Exchange. Polish Maritime Research, 2018, 25, 27-36.	1.9	1
29	A fresh approach to classical Eisenstein series and the newer Hilbert-Eisenstein series. International Journal of Number Theory, 2017, 13, 885-911.	0.5	5
30	(p, q) -Extended Bessel and Modified Bessel Functions of the First Kind. Results in Mathematics, 2017, 72, 617-632.	0.8	11
31	p -Extended Mathieu Series from the Schlömilch Series Point of View. Vietnam Journal of Mathematics, 2017, 45, 713-719.	0.8	1
32	Zeros of Bessel function derivatives. Proceedings of the American Mathematical Society, 2017, 146, 209-222.	0.8	6
33	On the Moments of the Absorption Time of Kingman's Coalescent. Methodology and Computing in Applied Probability, 2017, 19, 349-355.	1.2	0
34	Series of Bessel and Kummer-Type Functions. Lecture Notes in Mathematics, 2017, , .	0.2	19
35	Introduction and Preliminaries. Lecture Notes in Mathematics, 2017, , 1-25.	0.2	0
36	Extended Srivastava's triple hypergeometric $H_{A,p,q}$ function and related bounding inequalities. Journal of Contemporary Mathematical Analysis, 2017, 52, 276-287.	0.4	3

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37	Extension of generalized integro-exponential function and its application in study of Chen distribution. <i>Applicable Analysis and Discrete Mathematics</i> , 2017, 11, 434-450.	0.7	2
38	MATHIEU-TYPE SERIES BUILT BY (p, q) -EXTENDED GAUSSIAN HYPERGEOMETRIC FUNCTION. <i>Bulletin of the Korean Mathematical Society</i> , 2017, 54, 789-797.	0.3	15
39	Schlömilch Series. <i>Lecture Notes in Mathematics</i> , 2017, , 113-138.	0.2	0
40	Mixed AR(1) Time Series Models with Marginals Having Approximated Beta Distribution. <i>Contributions To Statistics</i> , 2017, , 159-171.	0.2	0
41	Neumann Series. <i>Lecture Notes in Mathematics</i> , 2017, , 27-86.	0.2	1
42	Kapteyn Series. <i>Lecture Notes in Mathematics</i> , 2017, , 87-111.	0.2	1
43	The Feynman integral in $\hat{a}_{1, \dots, m}$ and complex expansion of F_1 . <i>Integral Transforms and Special Functions</i> , 2016, 27, 533-547.	1.2	1
44	Integral form of the COMPOUND Poisson renormalization constant. <i>Statistics and Probability Letters</i> , 2016, 119, 144-145.	0.7	8
45	On Kapteyn-Kummer series' integral form. , 2016, , .		1
46	Probability distribution built by Prabhakar function. Related Turán and Laguerre inequalities. <i>Integral Transforms and Special Functions</i> , 2016, 27, 783-793.	1.2	17
47	On the distribution of the product of correlated normal random variables. <i>Comptes Rendus Mathematique</i> , 2016, 354, 201-204.	0.3	52
48	Marshall-Olkin gamma-Weibull distribution with applications. <i>Communications in Statistics - Theory and Methods</i> , 2016, 45, 1550-1563.	1.0	12
49	The gamma exponentiated exponential-Weibull distribution. <i>Filomat</i> , 2016, 30, 3159-3170.	0.5	7
50	Starlikeness of a cross-product of Bessel functions. <i>Journal of Mathematical Inequalities</i> , 2016, , 819-827.	0.9	4
51	Acknowledgement of priority: On the result of Doney. <i>Electronic Communications in Probability</i> , 2016, 21, .	0.4	0
52	Incomplete Krätzel function model of leaky aquifer and alike functions. , 2015, , .		2
53	On the result of Doney. <i>Electronic Communications in Probability</i> , 2015, 20, .	0.4	1
54	Bounds for Jaeger integrals. <i>Journal of Mathematical Chemistry</i> , 2015, 53, 1257-1273.	1.5	3

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55	Van der Corput inequalities for Bessel functions. <i>Integral Transforms and Special Functions</i> , 2015, 26, 78-87.	1.2	2
56	On an identity for zeros of Bessel functions. <i>Journal of Mathematical Analysis and Applications</i> , 2015, 422, 27-36.	1.0	12
57	The exponentiated exponential Poisson distribution revisited. <i>Statistics</i> , 2015, 49, 918-929.	0.6	6
58	Remarks on the Stable $S_{\lambda, \mu}$ ($\lambda^2, \lambda^3, \lambda^{1/4}$) Distribution. <i>Methodology and Computing in Applied Probability</i> , 2015, 17, 515-524.	1.2	7
59	THE MARSHALL-OLKIN EXPONENTIAL WEIBULL DISTRIBUTION. <i>Hacettepe Journal of Mathematics and Statistics</i> , 2015, 45, 1-1.	0.3	9
60	Functional inequalities for modified Struve functions. <i>Proceedings of the Royal Society of Edinburgh Section A: Mathematics</i> , 2014, 144, 891-904.	1.2	15
61	Properties of the Product of Modified Bessel Functions. , 2014, , 809-820.		3
62	Diaz-Metcalf and Pálya-Szegő type inequalities associated with Saigo fractional integral operator. <i>Tbilisi Mathematical Journal</i> , 2014, 7, .	0.3	0
63	On a Sum of Modified Bessel Functions. <i>Mediterranean Journal of Mathematics</i> , 2014, 11, 349-360.	0.8	4
64	Functional inequalities for generalized inverse trigonometric and hyperbolic functions. <i>Journal of Mathematical Analysis and Applications</i> , 2014, 417, 244-259.	1.0	11
65	Moments of generalized logistic random variables. <i>Integral Transforms and Special Functions</i> , 2014, 25, 215-219.	1.2	1
66	Monotonicity properties of some Dini functions. , 2014, , .		6
67	Turán determinants of Bessel functions. <i>Forum Mathematicum</i> , 2014, 26, .	0.7	12
68	Laplace type integral expressions for a certain three-parameter family of generalized Mittag-Leffler functions with applications involving complete monotonicity. <i>Journal of the Franklin Institute</i> , 2014, 351, 5437-5454.	3.4	38
69	On coefficients of Kapteyn-type series. <i>Mathematica Slovaca</i> , 2014, 64, .	0.6	4
70	Alternating Mathieu Series, Hilbert-Eisenstein Series and Their Generalized Omega Functions. , 2014, , 775-808.		9
71	Functional inequalities for the Bickley function. <i>Mathematical Inequalities and Applications</i> , 2014, , 989-1003.	0.2	0
72	Functional inequalities for modified Struve functions II. <i>Mathematical Inequalities and Applications</i> , 2014, , 1387-1398.	0.2	0

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73	On the convolution of normal and t -random variables. <i>Statistics</i> , 2013, 47, 1363-1369.	0.6	1
74	Integral representations of Dini series of Bessel functions. <i>Integral Transforms and Special Functions</i> , 2013, 24, 628-635.	1.2	1
75	Integral representations and summations of the modified Struve function. <i>Acta Mathematica Hungarica</i> , 2013, 141, 254-281.	0.5	11
76	On the characteristic functions for extreme value distributions. <i>Extremes</i> , 2013, 16, 27-38.	1.0	10
77	Sampling bessel functions and bessel sampling. , 2013, , .		5
78	Integral representations of Dini series of Bessel functions. <i>Integral Transforms and Special Functions</i> , 2013, 24, 771-771.	1.2	0
79	New integral forms of generalized Mathieu series and related applications. <i>Applicable Analysis and Discrete Mathematics</i> , 2013, 7, 180-192.	0.7	16
80	Integral representations for Neumann-type series of Bessel functions J_{ν} , Y_{ν} and K_{ν} . <i>Proceedings of the American Mathematical Society</i> , 2012, 140, 951-960.	0.8	18
81	Oscillator with a Sum of Noninteger-Order Nonlinearities. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-20.	0.9	40
82	Neumann series of Bessel functions. <i>Integral Transforms and Special Functions</i> , 2012, 23, 529-538.	1.2	16
83	On the characteristic function for Burr distributions. <i>Statistics</i> , 2012, 46, 419-428.	0.6	8
84	Characteristic function of the SGT distribution. <i>Statistics</i> , 2012, 46, 437-439.	0.6	1
85	Turán type inequalities for Krätzel functions. <i>Journal of Mathematical Analysis and Applications</i> , 2012, 388, 716-724.	1.0	20
86	Integral representation of Schlömilch series. <i>Journal of Classical Analysis</i> , 2012, , 75-84.	0.2	8
87	Average Sampling Restoration of Harmonizable Processes. <i>Communications in Statistics - Theory and Methods</i> , 2011, 40, 3587-3598.	1.0	7
88	Universal truncation error upper bounds in irregular sampling restoration. <i>Applicable Analysis</i> , 2011, 90, 595-608.	1.3	5
89	Integral and computational representations of the extended Hurwitz-Lerch zeta function. <i>Integral Transforms and Special Functions</i> , 2011, 22, 487-506.	1.2	71
90	Inequalities associated with Eberly functional for Saigo fractional integration operator. <i>Integral Transforms and Special Functions</i> , 2011, 22, 671-680.	1.2	6

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91	Integral representation of first kind Kapteyn series. Journal of Mathematical Physics, 2011, 52, .	1.1	8
92	Some mathieu-type series for the I-function occurring in the fokker-planck equation. Proyecciones, 2011, 30, 111-122.	0.3	1
93	On fractional integration formulae for Aleph functions. Applied Mathematics and Computation, 2011, 218, 985-990.	2.2	15
94	Integral expressions for Mathieu-type power series and for the Butzer-Flocke-Hauss \hat{I} -function. Fractional Calculus and Applied Analysis, 2011, 14, 623-634.	2.2	13
95	Two-sided inequalities for the extended Hurwitzâ€“Lerch Zeta function. Computers and Mathematics With Applications, 2011, 62, 516-522.	2.7	40
96	An extended general Hurwitzâ€“Lerch zeta function as a Mathieu  $\langle \text{mml:math altimg="si1.gif" display="inline" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:tbl_struct="http://www.elsevier.com/xml/common/table-struct/dtd" xmlns:tbl_info="http://www.elsevier.com/xml/common/table-struct/dtd" >$	2.7	8
97	On the coefficients of Neumann series of Bessel functions. Journal of Mathematical Analysis and Applications, 2011, 380, 628-631.	2.0	2
98	On the coefficients of Neumann series of Bessel functions. Journal of Mathematical Analysis and Applications, 2011, 380, 628-631.	1.0	8
99	Upper bounds on multiple generalized Mathieu series. Journal of Mathematical Inequalities, 2011, , 557-563.	0.9	0
100	Universal truncation error upper bounds in sampling restoration. Georgian Mathematical Journal, 2010, 17, 765-786.	0.6	7
101	On mixed time series model with approximated beta marginal. Statistics and Probability Letters, 2010, 80, 1551-1558.	0.7	6
102	On the characteristic function of the generalized normal distribution. Comptes Rendus Mathematique, 2010, 348, 203-206.	0.3	24
103	Closed Expression for Characteristic Function of CEPE Distribution. Journal of Mathematics Research, 2010, 2, .	0.1	4
104	The gamma-Weibull distribution revisited. Anais Da Academia Brasileira De Ciencias, 2010, 82, 513-520.	0.8	5
105	Some Mathieu-type series for generalized H -function associated with a certain class of Feynman integrals. Integral Transforms and Special Functions, 2010, 21, 765-770.	1.2	2
106	DISCRETE MULTIPLE HILBERT TYPE INEQUALITY WITH NON-HOMOGENEOUS KERNEL. Journal of the Korean Mathematical Society, 2010, 47, 537-546.	0.4	4
107	Bounds improvement for alternating Mathieu type series. Journal of Mathematical Inequalities, 2010, , 315-324.	0.9	6
108	Extension of a quadratic transformation due to Exton. Applied Mathematics and Computation, 2009, 215, 423-426.	2.2	0

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127	<p>Linear ODE for the Omega function associated with the Euler function. $\langle \mathbb{N} \rangle$</p> <p>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:ia="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/c</p>	2.7	17
128	Time shifted aliasing error upper bounds for truncated sampling cardinal series. Journal of Mathematical Analysis and Applications, 2006, 324, 262-280.	1.0	11
129	Title is missing!. Theory of Probability and Mathematical Statistics, 2005, 70, 113-123.	0.5	3
130	On integral representation of Bessel function of the first kind. Journal of Mathematical Analysis and Applications, 2005, 308, 775-780.	1.0	8
131	Integral representation of Mathieu (a, $\hat{\nu}$)-series. Integral Transforms and Special Functions, 2005, 16, 685-689.	1.2	25
132	Integral representation of a series which includes the Mathieu a-series. Journal of Mathematical Analysis and Applications, 2004, 296, 309-313.	1.0	22
133	Local Growth of Weierstrass \check{f} -Function and Whittaker-Type Derivative Sampling. Georgian Mathematical Journal, 2003, 10, 157-164.	0.6	3
134	Direct weighted Lagrange-Yen type interpolation in $L^2(\mathbb{R})$. , 2001, , .		0
135	Derivative Uniform Sampling via Weierstrass \check{f} ($\langle z \rangle$). Truncation Error Analysis in. Georgian Mathematical Journal, 2001, 8, 129-134.	0.6	2
136	Statistical estimation of the bandwidth from irregularly spaced data. Signal Processing, 1996, 54, 75-80.	3.7	2
137	On the aliasing error upper bound for homogeneous random fields. Signal Processing, 1993, 33, 127-129.	3.7	3
138	Sharp truncation error bound in the sampling reconstruction of homogeneous random fields. Statistics and Probability Letters, 1992, 15, 345-348.	0.7	0
139	On a very tight truncation error bound for stationary stochastic processes. IEEE Transactions on Signal Processing, 1991, 39, 1918-1919.	5.3	5
140	AN APPROACH TO THE SAMPLING THEOREM FOR CONTINUOUS TIME PROCESSES. The Australian Journal of Statistics, 1989, 31, 427-432.	0.2	4