Tibor K PogÃ¡ny

List of Publications by Year
in descending order

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140	1,106	516710	580821
papers	citations	16 h-index	25 g-index

142	142	142	474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Integral and computational representations of the extended Hurwitzâ€“Lerch zeta function. Integral Transforms and Special Functions, 2011, 22, 487-506.	1.2	71
2	Some families of Mathieu a-series and alternating Mathieu a-series. Applied Mathematics and Computation, 2006, 173, 69-108.	2.2	62
3	On the distribution of the product of correlated normal random variables. Comptes Rendus Mathematique, 2016, 354, 201-204.	0.3	52
4	Two-sided inequalities for the extended Hurwitzâ€“Lerch Zeta function. Computers and Mathematics With Applications, 2011, 62, 516-522.	2.7	40
5	Oscillator with a Sum of Noninteger-Order Nonlinearities. Journal of Applied Mathematics, 2012, 2012, 1-20.	0.9	40
6	Laplace type integral expressions for a certain three-parameter family of generalized Mittagâ€“Leffler functions with applications involving complete monotonicity. Journal of the Franklin Institute, 2014, 351, 5437-5454.	3.4	38
7	Some Mathieu-type series associated with the Foxâ€“Wright function. Computers and Mathematics With Applications, 2009, 57, 127-140.	2.7	28
8	Integral representation of Mathieu (a, Î»)-series. Integral Transforms and Special Functions, 2005, 16, 685-689.	1.2	25
9	Integral representation for Neumann series of Bessel functions. Proceedings of the American Mathematical Society, 2009, 137, 2363-2368.	0.8	25
10	On the characteristic function of the generalized normal distribution. Comptes Rendus Mathematique, 2010, 348, 203-206.	0.3	24
11	Integral representation of a series which includes the Mathieu a-series. Journal of Mathematical Analysis and Applications, 2004, 296, 309-313.	1.0	22
12	TurÃ¡n type inequalities for KrÃtzel functions. Journal of Mathematical Analysis and Applications, 2012, 388, 716-724.	1.0	20
13	Series of Bessel and Kummer-Type Functions. Lecture Notes in Mathematics, 2017, , .	0.2	19
14	Integral representations for Neumann-type series of Bessel functions $I_{?},$ $Y_{?}$ and $K_{?}$. Proceedings of the American Mathematical Society, 2012, 140, 951-960.	0.8	18
15	A linear ODE for the Omega function associated with the Euler function <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:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/c.	2.7	17
16	Probability distribution built by Prabhakar function. Related TurÃ¡n and Laguerre inequalities. Integral Transforms and Special Functions, 2016, 27, 783-793.	1.2	17
17	Inequalities for a unified family of Voigt functions in several variables. Russian Journal of Mathematical Physics, 2007, 14, 194-200.	1.5	16
18	Neumann series of Bessel functions. Integral Transforms and Special Functions, 2012, 23, 529-538.	1.2	16

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19	New integral forms of generalized Mathieu series and related applications. Applicable Analysis and Discrete Mathematics, 2013, 7, 180-192.	0.7	16
20	On fractional integration formulae for Aleph functions. Applied Mathematics and Computation, 2011, 218, 985-990.	2.2	15
21	Functional inequalities for modified Struve functions. Proceedings of the Royal Society of Edinburgh Section A: Mathematics, 2014, 144, 891-904.	1.2	15
22	On complete monotonicity of three parameter Mittag-Leffler function. Applicable Analysis and Discrete Mathematics, 2021, 15, 118-128.	0.7	15
23	MATHIEU-TYPE SERIES BUILT BY (p, q)-EXTENDED GAUSSIAN HYPERGEOMETRIC FUNCTION. Bulletin of the Korean Mathematical Society, 2017, 54, 789-797.	0.3	15
24	Integral expressions for Mathieu-type power series and for the Butzer-Flocke-Hauss Î©-function. Fractional Calculus and Applied Analysis, 2011, 14, 623-634.	2.2	13
25	TurÃ¡n determinants of Bessel functions. Forum Mathematicum, 2014, 26, .	0.7	12
26	On an identity for zeros of Bessel functions. Journal of Mathematical Analysis and Applications, 2015, 422, 27-36.	1.0	12
27	Marshallâ€“Olkin gammaâ€“Weibull distribution with applications. Communications in Statistics - Theory and Methods, 2016, 45, 1550-1563.	1.0	12
28	Time shifted aliasing error upper bounds for truncated sampling cardinal series. Journal of Mathematical Analysis and Applications, 2006, 324, 262-280.	1.0	11
29	Integral representations and summations of the modified Struve function. Acta Mathematica Hungarica, 2013, 141, 254-281.	0.5	11
30	Functional inequalities for generalized inverse trigonometric and hyperbolic functions. Journal of Mathematical Analysis and Applications, 2014, 417, 244-259.	1.0	11
31	(p,Âq)-Extended Bessel and Modified Bessel Functions of the First Kind. Results in Mathematics, 2017, 72, 617-632.	0.8	11
32	On multiple generalized Mathieu series. Integral Transforms and Special Functions, 2006, 17, 285-293.	1.2	10
33	On Mathieu-type series whose terms contain a generalized hypergeometric function <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:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.Mathemati	2.0	10
34	On the characteristic functions for extreme value distributions. Extremes, 2013, 16, 27-38.	1.0	10
35	Non-Debye relaxations: Smeared time evolution, memory effects, and the Laplace exponents. Communications in Nonlinear Science and Numerical Simulation, 2021, 99, 105837.	3.3	10
36	Integral expressions for Mathieu-type series whose terms contain Foxâ€™s <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:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/c.	2.7	9

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37	Alternating Mathieu Series, Hilbertâ€“Eisenstein Series and Their Generalized Omega Functions. , 2014, , 775-808.		9
38	New upper bounds for Mathieu-type series. Banach Journal of Mathematical Analysis, 2009, 3, 9-15.	0.8	9
39	THE MARSHALL-OLKIN EXPONENTIAL WEIBULL DISTRIBUTION. Hacettepe Journal of Mathematics and Statistics, 2015, 45, 1-1.	0.3	9
40	On integral representation of Bessel function of the first kind. Journal of Mathematical Analysis and Applications, 2005, 308, 775-780.	1.0	8
41	Integral representation of first kind Kapteyn series. Journal of Mathematical Physics, 2011, 52, .	1.1	8
42	An extended general Hurwitzâ€“Lerch zeta function as a Mathieu <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:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/co	2.7	8
43	On the coefficients of Neumann series of Bessel functions. Journal of Mathematical Analysis and Applications, 2011, 380, 628-631.	1.0	8
44	On the characteristic function for Burr distributions. Statistics, 2012, 46, 419-428.	0.6	8
45	Integral form of the COMâ€“Poisson renormalization constant. Statistics and Probability Letters, 2016, 119, 144-145.	0.7	8
46	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
47	Integral representation of SchlÃ¶milch series. Journal of Classical Analysis, 2012, , 75-84.	0.2	8
48	Hilbert's double series theorem extended to the case of non-homogeneous kernels. Journal of Mathematical Analysis and Applications, 2008, 342, 1485-1489.	1.0	7
49	Further results on generalized Kapteyn-type expansions. Applied Mathematics Letters, 2009, 22, 192-196.	2.7	7
50	Universal truncation error upper bounds in sampling restoration. Georgian Mathematical Journal, 2010, 17, 765-786.	0.6	7
51	Average Sampling Restoration of Harmonizable Processes. Communications in Statistics - Theory and Methods, 2011, 40, 3587-3598.	1.0	7
52	Remarks on the Stable S Î± (Î², Î³, Î¼) Distribution. Methodology and Computing in Applied Probability, 2015, 17, 515-524.	1.2	7
53	Integral form of Le Roy-type hypergeometric function. Integral Transforms and Special Functions, 2018, 29, 580-584.	1.2	7
54	The gamma exponentiated exponential-Weibull distribution. Filomat, 2016, 30, 3159-3170.	0.5	7

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55	On mixed time series model with approximated beta marginal. Statistics and Probability Letters, 2010, 80, 1551-1558.	0.7	6
56	Inequalities associated with ÄŒebyÅ¡ev functional for Saigo fractional integration operator. Integral Transforms and Special Functions, 2011, 22, 671-680.	1.2	6
57	Monotonicity properties of some Dini functions. , 2014, , .		6
58	The exponentiated exponential Poisson distribution revisited. Statistics, 2015, 49, 918-929.	0.6	6
59	Zeros of Bessel function derivatives. Proceedings of the American Mathematical Society, 2017, 146, 209-222.	0.8	6
60	On new formulae for cumulative distribution function for McKay Bessel distribution. Communications in Statistics - Theory and Methods, 2021, 50, 143-160.	1.0	6
61	Bounds improvement for alternating Mathieu type series. Journal of Mathematical Inequalities, 2010, , 315-324.	0.9	6
62	On a very tight truncation error bound for stationary stochastic processes. IEEE Transactions on Signal Processing, 1991, 39, 1918-1919.	5.3	5
63	Some improvements over Love's inequality for the Laguerre function. Integral Transforms and Special Functions, 2007, 18, 351-358.	1.2	5
64	The gamma-Weibull distribution revisited. Anais Da Academia Brasileira De Ciencias, 2010, 82, 513-520.	0.8	5
65	Universal truncation error upper bounds in irregular sampling restoration^{â€}. Applicable Analysis, 2011, 90, 595-608.	1.3	5
66	Sampling bessel functions and bessel sampling. , 2013, , .		5
67	A fresh approach to classical Eisenstein series and the newer Hilbertâ€“Eisenstein series. International Journal of Number Theory, 2017, 13, 885-911.	0.5	5
68	On pâ€“extended Mathieu series. Rad Hrvatske Akademije Znanosti I Umjetnosti, Matematicke Znanosti, 2018, 534, 107-117.	0.4	5
69	AN APPROACH TO THE SAMPLING THEOREM FOR CONTINUOUS TIME PROCESSES. The Australian Journal of Statistics, 1989, 31, 427-432.	0.2	4
70	Convergence of generalized Kapteyn expansion. Applied Mathematics and Computation, 2007, 190, 1844-1847.	2.2	4
71	Closed Expression for Characteristic Function of CEPE Distribution. Journal of Mathematics Research, 2010, 2, .	0.1	4
72	On a Sum of Modified Bessel Functions. Mediterranean Journal of Mathematics, 2014, 11, 349-360.	0.8	4

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73	On coefficients of Kapteyn-type series. Mathematica Slovaca, 2014, 64, .	0.6	4
74	On properties and applications of (p , q)-extended Ï„ -hypergeometric functions. Comptes Rendus Mathematique, 2018, 356, 278-282.	0.3	4
75	Non-Debye relaxations: The characteristic exponent in the excess wings model. Communications in Nonlinear Science and Numerical Simulation, 2021, 103, 106006.	3.3	4
76	DISCRETE MULTIPLE HILBERT TYPE INEQUALITY WITH NON-HOMOGENEOUS KERNEL. Journal of the Korean Mathematical Society, 2010, 47, 537-546.	0.4	4
77	Starlikeness of a cross-product of Bessel functions. Journal of Mathematical Inequalities, 2016, , 819-827.	0.9	4
78	Title is missing!. Theory of Probability and Mathematical Statistics, 2005, 70, 113-123.	0.5	3
79	On the aliasing error upper bound for homogeneous random fields. Signal Processing, 1993, 33, 127-129.	3.7	3
80	Properties of the Product of Modified Bessel Functions. , 2014, , 809-820.		3
81	Bounds for Jaeger integrals. Journal of Mathematical Chemistry, 2015, 53, 1257-1273.	1.5	3
82	Extended Srivastavaâ€™s triple hypergeometric H A,p,q function and related bounding inequalities. Journal of Contemporary Mathematical Analysis, 2017, 52, 276-287.	0.4	3
83	Hypergeometric solutions for Coulomb self-energy model of uniformly charged hollow cylinder. Integral Transforms and Special Functions, 2019, 30, 418-430.	1.2	3
84	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
85	Approximation of CDF of Non-Central Chi-Square Distribution by Mean-Value Theorems for Integrals. Mathematics, 2021, 9, 129.	2.2	3
86	Multi-parameter Mathieu, and alternating Mathieu series. Applied Mathematics and Computation, 2021, 400, 126099.	2.2	3
87	Local Growth of Weierstrass Ïƒ-Function and Whittaker-Type Derivative Sampling. Georgian Mathematical Journal, 2003, 10, 157-164.	0.6	3
88	On a summation formula for the Clausen's series $_3 F_2$ with applications. Miskolc Mathematical Notes, 2009, 10, 145.	0.6	3
89	On (p, q)-extension of further members of Bessel-Struve functions class. Miskolc Mathematical Notes, 2019, 20, 451.	0.6	3
90	Some two-sided bounding inequalities for the Butzer-Flocke-Hauss omega function. Mathematical Inequalities and Applications, 2007, , 587-595.	0.2	3

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91	Statistical estimation of the bandwidth from irregularly spaced data. Signal Processing, 1996, 54, 75-80.	3.7	2
92	Whittaker-type derivative sampling reconstruction of stochastic LÎ±(Î©)-processes. Applied Mathematics and Computation, 2007, 187, 384-394.	2.2	2
93	Some Mathieu-type series for generalizedH-function associated with a certain class of Feynman integrals. Integral Transforms and Special Functions, 2010, 21, 765-770.	1.2	2
94	New mixed <mml:math altimg="si21.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:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http://www.elsevier.com/x	2.0	2
95	Incomplete Krätzel function model of leaky aquifer and alike functions. , 2015, , .		2
96	Van der Corput inequalities for Bessel functions. Integral Transforms and Special Functions, 2015, 26, 78-87.	1.2	2
97	Integral Representations for Products of Two Bessel or Modified Bessel Functions. Mathematics, 2019, 7, 978.	2.2	2
98	CDF of non-central <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e171" altimg="si11.svg"><mml:msup><mml:mrow><mml:mi>Ï‡</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msup></mml:math> distribution revisited. Incomplete hypergeometric type functions approach. Indagationes Mathematicae, 2021, 32, 901-915.	0.4	2
99	Discrete Hilbert type inequality with non-homogeneous kernel. Applicable Analysis and Discrete Mathematics, 2009, 3, 88-96.	0.7	2
100	Extension of generalized integro-exponential function and its application in study of Chen distribution. Applicable Analysis and Discrete Mathematics, 2017, 11, 434-450.	0.7	2
101	Derivative Uniform Sampling via Weierstrass Ïƒ(z). Truncation Error Analysis in. Georgian Mathematical Journal, 2001, 8, 129-134.	0.6	2
102	Extension of Mathieu series and alternating Mathieu series involving the Neumann function $$Y_u $$. Periodica Mathematica Hungarica, 2023, 86, 191-209.	0.9	2
103	Observations on the McKay I Bessel distribution. Journal of Mathematical Analysis and Applications, 2022, 516, 126481.	1.0	2
104	Some mathieu-type series for the I-function occuring in the fokker-planck equation. Proyecciones, 2011, 30, 111-122.	0.3	1
105	Characteristic function of the SGT distribution. Statistics, 2012, 46, 437-439.	0.6	1
106	On the convolution of normal andtrandom variables. Statistics, 2013, 47, 1363-1369.	0.6	1
107	Integral representations of Dini series of Bessel functions. Integral Transforms and Special Functions, 2013, 24, 628-635.	1.2	1
108	Moments of generalized logistic random variables. Integral Transforms and Special Functions, 2014, 25, 215-219.	1.2	1

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109	On the result of Doney. Electronic Communications in Probability, 2015, 20, .	0.4	1
110	The Feynman integral in â„‹sup›1‹/sup›âŠ• â„‹sup›‹i›m‹/i›‹/sup›and complex expansion of‹sub›2‹/sub›‹i›F‹/i›‹sub›1‹/sub›. Integral Transforms and Special Functions, 2016, 27, 533-547.	1.2	1
111	On Kapteyn-Kummer series' integral form. , 2016, , .		1
112	p-Extended Mathieu Series from the SchlÃ¶milch Series Point of View. Vietnam Journal of Mathematics, 2017, 45, 713-719.	0.8	1
113	The Log-Odd Normal Generalized Family of Distributions with Application. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180207.	0.8	1
114	Sampling Theorems for Stochastic Signals. Appraisal of Paul L. Butzerâ€™s Work. Axioms, 2019, 8, 91.	1.9	1
115	Second Type Neumann Series of Generalized Nicholson Function. Results in Mathematics, 2020, 75, 1.	0.8	1
116	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
117	Convergence rate in multidimensional irregular sampling restoration. Journal of Mathematical Inequalities, 2009, , 567-576.	0.9	1
118	Neumann Series. Lecture Notes in Mathematics, 2017, , 27-86.	0.2	1
119	Kapteyn Series. Lecture Notes in Mathematics, 2017, , 87-111.	0.2	1
120	A Model of OFDM based Maritime VHF Communication System for Data Exchange. Polish Maritime Research, 2018, 25, 27-36.	1.9	1
121	On Generalized Derivative Sampling Series Expansion. , 2019, , 491-519.		1
122	New Expression for CDF of $$chi _u '^2(lambda)$$ Distribution and Marcum $$Q_1$$ Function. Results in Mathematics, 2022, 77, 1.	0.8	1
123	Sharp truncation error bound in the sampling reconstruction of homogeneous random fields. Statistics and Probability Letters, 1992, 15, 345-348.	0.7	0
124	Direct weighted Lagrange-Yen type interpolation in L/sup 2/([-/spl pi/,/spl pi/]/sup 2/). , 2001, , .		0
125	Extension of a quadratic transformation due to Exton. Applied Mathematics and Computation, 2009, 215, 423-426.	2.2	0
126	Explicit expressions for the variogram of first-order intrinsic autoregressions. Electronic Journal of Statistics, 2009, 3, .	0.7	0

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127	Integral representations of Dini series of Bessel functions. Integral Transforms and Special Functions, 2013, 24, 771-771.	1.2	0
128	Diaz-Metcalf and PÃ³lya-SzegÅ‘ type inequalities associated with Saigo fractional integral operator. Tbilisi Mathematical Journal, 2014, 7, .	0.3	0
129	On the Moments of the Absorption Time of Kingmanâ€™s Coalescent. Methodology and Computing in Applied Probability, 2017, 19, 349-355.	1.2	0
130	Introduction and Preliminaries. Lecture Notes in Mathematics, 2017, , 1-25.	0.2	0
131	Precise formulae for Bravo coefficients. Operations Research Letters, 2018, 46, 189-192.	0.7	0
132	On Moments of Gammaâ€”Exponentiated Functional Distribution. Stats, 2018, 1, 14-20.	0.9	0
133	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
134	On some new Gaussian hypergeometric summation formulae with applications. Quaestiones Mathematicae, 2021, 44, 669-677.	0.6	0
135	Upper bounds on multiple generalized Mathieu series. Journal of Mathematical Inequalities, 2011, , 557-563.	0.9	0
136	Functional inequalities for the Bickley function. Mathematical Inequalities and Applications, 2014, , 989-1003.	0.2	0
137	Functional inequalities for modified Struve functions II. Mathematical Inequalities and Applications, 2014, , 1387-1398.	0.2	0
138	Acknowledgement of priority: On the result of Doney. Electronic Communications in Probability, 2016, 21, .	0.4	0
139	SchlÃ¶milch Series. Lecture Notes in Mathematics, 2017, , 113-138.	0.2	0
140	Mixed AR(1) Time Series Models with Marginals Having Approximated Beta Distribution. Contributions To Statistics, 2017, , 159-171.	0.2	0