

Adem KiliÅ§man

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2978149/publications.pdf>

Version: 2024-02-01

307
papers

3,039
citations

236612

25
h-index

301761

39
g-index

336
all docs

336
docs citations

336
times ranked

1738
citing authors

#	ARTICLE	IF	CITATIONS
1	Kronecker operational matrices for fractional calculus and some applications. Applied Mathematics and Computation, 2007, 187, 250-265.	1.4	133
2	Aggregation of infinite chains of intuitionistic fuzzy sets and their application to choices with temporal intuitionistic fuzzy information. Information Sciences, 2020, 514, 106-117.	4.0	93
3	On the applications of Laplace and Sumudu transforms. Journal of the Franklin Institute, 2010, 347, 848-862.	1.9	85
4	A new hyperchaotic map and its application for image encryption. European Physical Journal Plus, 2018, 133, 1.	1.2	69
5	A fractional order SIR epidemic model for dengue transmission. Chaos, Solitons and Fractals, 2018, 114, 55-62.	2.5	68
6	Peristaltic flow of a Jeffrey fluid under the effect of radially varying magnetic field in a tube with an endoscope. Journal of Magnetism and Magnetic Materials, 2015, 384, 79-86.	1.0	61
7	Homotopy Perturbation Method for Fractional Gas Dynamics Equation Using Sumudu Transform. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.3	59
8	A note on solutions of wave, Laplace's and heat equations with convolution terms by using a double Laplace transform. Applied Mathematics Letters, 2008, 21, 1324-1329.	1.5	51
9	Homotopy Perturbation Method for Fractional Black-Scholes European Option Pricing Equations Using Sumudu Transform. Mathematical Problems in Engineering, 2013, 2013, 1-7.	0.6	49
10	Fractional Calculus and Its Applications in Applied Mathematics and Other Sciences. Mathematical Problems in Engineering, 2014, 2014, 1-2.	0.6	47
11	A new integral transform and associated distributions. Integral Transforms and Special Functions, 2010, 21, 367-379.	0.8	46
12	On intellectual capital and financial performances of banks in Malaysia. Cogent Economics and Finance, 2018, 6, 1453574.	0.8	43
13	Dynamics and Complexity of a New 4D Chaotic Laser System. Entropy, 2019, 21, 34.	1.1	43
14	A new addition formula for elliptic curves over $GF(2^{\sup n})$. IEEE Transactions on Computers, 2002, 51, 972-975.	2.4	41
15	Vector least-squares solutions for coupled singular matrix equations. Journal of Computational and Applied Mathematics, 2007, 206, 1051-1069.	1.1	37
16	On Sumudu Transform and System of Differential Equations. Abstract and Applied Analysis, 2010, 2010, 1-11.	0.3	37
17	Wavelet analysis method for solving linear and nonlinear singular boundary value problems. Applied Mathematical Modelling, 2013, 37, 5876-5886.	2.2	36
18	An application of double Laplace transform and double Sumudu transform. Lobachevskii Journal of Mathematics, 2009, 30, 214-223.	0.1	33

#	ARTICLE	IF	CITATIONS
19	Improved ()-Expansion Method for the Space and Time Fractional Foam Drainage and KdV Equations. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.3	31
20	Analytical Solutions of the Space-Time Fractional Derivative of Advection Dispersion Equation. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	30
21	Designing an M-dimensional nonlinear model for producing hyperchaos. Chaos, Solitons and Fractals, 2018, 114, 506-515.	2.5	30
22	Pricing Currency Option in a Mixed Fractional Brownian Motion with Jumps Environment. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	28
23	Existence of solutions for a mixed fractional boundary value problem. Advances in Difference Equations, 2017, 2017, .	3.5	28
24	A Collocation Method Based on the Bernoulli Operational Matrix for Solving Nonlinear BVPs Which Arise from the Problems in Calculus of Variation. Mathematical Problems in Engineering, 2013, 2013, 1-9.	0.6	27
25	A Fractional-Order Predator-Prey Model with Ratio-Dependent Functional Response and Linear Harvesting. Mathematics, 2019, 7, 1100.	1.1	27
26	Some new connections between matrix products for partitioned and non-partitioned matrices. Computers and Mathematics With Applications, 2007, 54, 763-784.	1.4	26
27	An Efficient Approach for Fractional Harry Dym Equation by Using Sumudu Transform. Abstract and Applied Analysis, 2013, 2013, 1-8.	0.3	26
28	A numerical approach for solving singular nonlinear Lane-Emden type equations arising in astrophysics. New Astronomy, 2015, 34, 178-186.	0.8	26
29	Multi-attribute decision-making based on soft set theory: a systematic review. Soft Computing, 2019, 23, 6899-6920.	2.1	26
30	A note on defining singular integral as distribution and partial differential equations with convolution term. Mathematical and Computer Modelling, 2009, 49, 327-336.	2.0	25
31	Explicit Solution of Telegraph Equation Based on Reproducing Kernel Method. Journal of Function Spaces and Applications, 2012, 2012, 1-23.	0.5	25
32	Teaching and Learning using Mathematics Software -The New Challenge- Procedia, Social and Behavioral Sciences, 2010, 8, 613-619.	0.5	24
33	An Adjustable Approach to Multi-Criteria Group Decision-Making Based on a Preference Relationship Under Fuzzy Soft Information. International Journal of Fuzzy Systems, 2017, 19, 1840-1865.	2.3	24
34	Application of differential transform method on nonlinear integro-differential equations with proportional delay. Neural Computing and Applications, 2014, 24, 391-397.	3.2	23
35	Stancu Type Baskakov-Durrmeyer Operators and Approximation Properties. Mathematics, 2020, 8, 1164.	1.1	23
36	The Use of Sumudu Transform for Solving Certain Nonlinear Fractional Heat-Like Equations. Abstract and Applied Analysis, 2013, 2013, 1-12.	0.3	22

#	ARTICLE	IF	CITATIONS
37	Modified Kudryashov Method to Solve Generalized Kuramoto-Sivashinsky Equation. <i>Symmetry</i> , 2018, 10, 527.	1.1	22
38	A new integral transform on time scales and its applications. <i>Advances in Difference Equations</i> , 2012, .	3.5	21
39	A Note on Double Laplace Transform and Telegraphic Equations. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-6.	0.3	21
40	Pathway Fractional Integral Operator Associated with 3m-Parametric Mittag-Leffler Functions. <i>International Journal of Applied and Computational Mathematics</i> , 2018, 4, 1.	0.9	21
41	Notions of generalized s-convex functions on fractal sets. <i>Journal of Inequalities and Applications</i> , 2015, 2015, .	0.5	20
42	Development of key-dependent dynamic S-Boxes with dynamic irreducible polynomial and affine constant. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401878163.	0.8	20
43	m-Polar Fuzzy Soft Weighted Aggregation Operators and Their Applications in Group Decision-Making. <i>Symmetry</i> , 2018, 10, 636.	1.1	19
44	On the generalized Hartley-Hilbert and Fourier-Hilbert transforms. <i>Advances in Difference Equations</i> , 2012, 2012, .	3.5	18
45	A Possible Generalization of Acoustic Wave Equation Using the Concept of Perturbed Derivative Order. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-6.	0.6	18
46	On the rational second kind Chebyshev pseudospectral method for the solution of the Thomasâ€™Fermi equation over an infinite interval. <i>Journal of Computational and Applied Mathematics</i> , 2014, 257, 79-85.	1.1	18
47	Approximate solution of integro-differential equation of fractional (arbitrary) order. <i>Journal of King Saud University - Science</i> , 2016, 28, 61-68.	1.6	18
48	Parameter Reduction of Fuzzy Soft Sets: An Adjustable Approach Based on the Three-Way Decision. <i>International Journal of Fuzzy Systems</i> , 2018, 20, 928-942.	2.3	18
49	Analysis of the fractional order dengue transmission model: a case study in Malaysia. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	18
50	On Defining The Incomplete Gamma Function. <i>Integral Transforms and Special Functions</i> , 2003, 14, 293-299.	0.8	17
51	Application of Sumudu Decomposition Method to Solve Nonlinear System of Partial Differential Equations. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-13.	0.3	17
52	On the refinement of Jensenâ€™s inequality. <i>Applied Mathematics and Computation</i> , 2015, 262, 128-135.	1.4	17
53	Pricing European options and currency options by time changed mixed fractional Brownian motion with transaction costs. <i>International Journal of Financial Engineering</i> , 2016, 03, 1650003.	0.2	17
54	On Conformable Double Laplace Transform and One Dimensional Fractional Coupled Burgersâ€™ Equation. <i>Symmetry</i> , 2019, 11, 417.	1.1	17

#	ARTICLE	IF	CITATIONS
73	A Novel Integral Operator Transform and Its Application to Some FODE and FPDE with Some Kind of Singularities. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-7.	0.6	13
74	Numerical Solutions of the Second-Order One-Dimensional Telegraph Equation Based on Reproducing Kernel Hilbert Space Method. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-13.	0.3	13
75	An Efficient Spectral Approximation for Solving Several Types of Parabolic PDEs with Nonlocal Boundary Conditions. <i>Mathematical Problems in Engineering</i> , 2014, 2014, 1-6.	0.6	13
76	Combination of integral and projected differential transform methods for time-fractional gas dynamics equations. <i>Ain Shams Engineering Journal</i> , 2018, 9, 1683-1688.	3.5	13
77	Some Integral Inequalities for h-Godunova-Levin Preinvexity. <i>Symmetry</i> , 2019, 11, 1500.	1.1	13
78	Approximation Properties and q -Statistical Convergence of Stancu-Type Generalized Baskakov-Szász Operators. <i>Journal of Function Spaces</i> , 2022, 2022, 1-9.	0.4	13
79	A Note on Fractional Sumudu Transform. <i>Journal of Applied Mathematics</i> , 2010, 2010, 1-9.	0.4	12
80	On a New Integral Transform and Differential Equations. <i>Mathematical Problems in Engineering</i> , 2010, 2010, 1-13.	0.6	12
81	Fractional Riccati Equation and Its Applications to Rough Heston Model Using Numerical Methods. <i>Symmetry</i> , 2020, 12, 959.	1.1	12
82	Application of Homotopy Perturbation and Variational Iteration Methods for Fredholm Integrodifferential Equation of Fractional Order. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-14.	0.3	11
83	The Approximate Solution of Fractional Fredholm Integrodifferential Equations by Variational Iteration and Homotopy Perturbation Methods. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-10.	0.3	11
84	Some Remarks on the Sumudu and Laplace Transforms and Applications to Differential Equations. <i>ISRN Applied Mathematics</i> , 2012, 2012, 1-13.	0.5	11
85	Sequence Spaces Defined by Musielak-Orlicz Function over p -Normed Spaces. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-10.	0.3	11
86	Analytical Solutions of Boundary Values Problem of 2D and 3D Poisson and Biharmonic Equations by Homotopy Decomposition Method. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-9.	0.3	11
87	A New Application of the Reproducing Kernel Hilbert Space Method to Solve MHD Jeffery-Hamel Flows Problem in Nonparallel Walls. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-12.	0.3	11
88	Some generalized Hermite-Hadamard type integral inequalities for generalized s -convex functions on fractal sets. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	11
89	Propagation of p - and T -waves in solid-liquid of thermoelastic media subjected to initial stress and magnetic field in the context of CT-theory. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 579-591.	0.7	11
90	Existence and uniqueness for a class of iterative fractional differential equations. <i>Advances in Difference Equations</i> , 2015, 2015, .	3.5	11

#	ARTICLE	IF	CITATIONS
91	On the solution of $(n+1)$ -dimensional fractional M-Burgers equation. AEJ - Alexandria Engineering Journal, 2021, 60, 1165-1172.	3.4	11
92	New fractional inequalities of midpoint type via s -convexity and their application. Journal of Inequalities and Applications, 2019, 2019, .	0.5	11
93	On the Solution of Fractional Maxwell Equations by Sumudu Transform. Journal of Mathematics Research, 2010, 2, .	0.1	10
94	Korovkin Second Theorem via s -Statistical s -Summability. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.3	10
95	Note on the Convergence Analysis of Homotopy Perturbation Method for Fractional Partial Differential Equations. Abstract and Applied Analysis, 2014, 2014, 1-8.	0.3	10
96	On neutrosophic soft lattices. Afrika Matematika, 2017, 28, 379-388.	0.4	10
97	Application of a preference relationship in decision-making based on intuitionistic fuzzy soft sets. Journal of Intelligent and Fuzzy Systems, 2018, 34, 123-139.	0.8	10
98	New refinements of the Hadamard inequality on coordinated convex function. Journal of Inequalities and Applications, 2019, 2019, .	0.5	10
99	A novel subclass of analytic functions specified by a family of fractional derivatives in the complex domain. Filomat, 2017, 31, 2837-2849.	0.2	10
100	New Difference Sequence Spaces Defined by Musielak-Orlicz Function. Abstract and Applied Analysis, 2014, 2014, 1-9.	0.3	9
101	On geodesic strongly E -convex sets and geodesic strongly E -convex functions. Journal of Inequalities and Applications, 2015, 2015, .	0.5	9
102	Numerical Solutions of Fractional Differential Equations by Using Fractional Explicit Adams Method. Mathematics, 2020, 8, 1675.	1.1	9
103	Integral Inequalities for s -Convexity via Generalized Fractional Integrals on Fractal Sets. Mathematics, 2020, 8, 53.	1.1	9
104	Some Existence Results for Impulsive Nonlinear Fractional Differential Equations with Closed Boundary Conditions. Abstract and Applied Analysis, 2012, 2012, 1-15.	0.3	8
105	Non-local boundary value problems for impulsive fractional integro-differential equations in Banach spaces. Boundary Value Problems, 2012, 2012, .	0.3	8
106	On Generalized Difference Hahn Sequence Spaces. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	8
107	Application of Sumudu Decomposition Method to Solve Nonlinear System Volterra Integrodifferential Equations. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	8
108	Application of Sumudu Transform in Generalized Fractional Reactionâ€“Diffusion Equation. International Journal of Applied and Computational Mathematics, 2016, 2, 387-394.	0.9	8

#	ARTICLE	IF	CITATIONS
109	A Review of Some Works in the Theory of Diskcyclic Operators. Bulletin of the Malaysian Mathematical Sciences Society, 2016, 39, 723-739.	0.4	8
110	Generalized Preinvex Functions and Their Applications. Symmetry, 2018, 10, 493.	1.1	8
111	Generalized Integral Inequalities for Hermiteâ€“Hadamard-Type Inequalities via s-Convexity on Fractal Sets. Mathematics, 2019, 7, 1065.	1.1	8
112	ON GENERALIZED s-CONVEX FUNCTIONS ON FRACTAL SETS. JP Journal of Geometry and Topology, 2015, 17, 63-82.	0.1	8
113	Analytic approximate solutions for fluid flow in the presence of heat and mass transfer. Thermal Science, 2018, 22, 259-264.	0.5	8
114	On the Fresnel integrals and the convolution. International Journal of Mathematics and Mathematical Sciences, 2003, 2003, 2635-2643.	0.3	7
115	On Diffraction Fresnel Transforms for Boehmians. Abstract and Applied Analysis, 2011, 2011, 1-11.	0.3	7
116	On Solution of Fredholm Integrodifferential Equations Using Composite Chebyshev Finite Difference Method. Abstract and Applied Analysis, 2013, 2013, 1-11.	0.3	7
117	Unbounded solution for a fractional boundary value problem. Advances in Difference Equations, 2014, 2014, .	3.5	7
118	The valuation of currency options by fractional Brownian motion. SpringerPlus, 2016, 5, 1145.	1.2	7
119	Application of double Laplace decomposition method to solve a singular one-dimensional pseudohyperbolic equation. Advances in Mechanical Engineering, 2017, 9, 168781401771663.	0.8	7
120	Asymptotic and boundedness behaviour of a rational difference equation. Journal of Difference Equations and Applications, 2019, 25, 305-312.	0.7	7
121	Modified homotopy perturbation method for solving linear second-order Fredholm integro-differential equations. Filomat, 2016, 30, 1823-1831.	0.2	7
122	A Comparison on the Commutative Neutrix Convolution of Distributions and the Exchange Formula. Czechoslovak Mathematical Journal, 2001, 51, 463-471.	0.3	6
123	Mappings and some decompositions of continuity on nearly LindelÃ¶f spaces. Acta Mathematica Hungarica, 2002, 97, 199-206.	0.3	6
124	Claim Dependence Induced by Common Effects in Hierarchical Credibility Models. Communications in Statistics - Theory and Methods, 2013, 42, 3373-3400.	0.6	6
125	Some Remarks on the Extended Hartley-Hilbert and Fourier-Hilbert Transforms of Boehmians. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.3	6
126	Numerical Solution for IVP in Volterra Type Linear Integrodifferential Equations System. Abstract and Applied Analysis, 2013, 2013, 1-4.	0.3	6

#	ARTICLE	IF	CITATIONS
127	Numerical Solution of Nonlinear Fredholm Integro-Differential Equations Using Spectral Homotopy Analysis Method. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9.	0.6	6
128	Generalized vector complementarity problem with fuzzy mappings. <i>Fuzzy Sets and Systems</i> , 2015, 280, 133-141.	1.6	6
129	Operators with diskcyclic vectors subspaces. <i>Journal of Taibah University for Science</i> , 2015, 9, 414-419.	1.1	6
130	On geodesic semi strongly E-convex functions. <i>Journal of Interdisciplinary Mathematics</i> , 2016, 19, 1039-1055.	0.4	6
131	Note on fractional Mellin transform and applications. <i>SpringerPlus</i> , 2016, 5, 100.	1.2	6
132	Some properties for integro-differential operator defined by a fractional formal. <i>SpringerPlus</i> , 2016, 5, 893.	1.2	6
133	Natural transform of fractional order and some properties. <i>Cogent Mathematics</i> , 2016, 3, 1251874.	0.4	6
134	On properties of geodesic semilocal E-preinvex functions. <i>Journal of Inequalities and Applications</i> , 2018, 2018, 353.	0.5	6
135	Some Construction Methods of Aggregation Operators in Decision-Making Problems: An Overview. <i>Symmetry</i> , 2020, 12, 694.	1.1	6
136	New Generalized Hermite-Hadamard Inequality and Related Integral Inequalities Involving Katugampola Type Fractional Integrals. <i>Symmetry</i> , 2020, 12, 568.	1.1	6
137	A note on a singular coupled Burgers equation and double Laplace transform method. <i>Journal of Nonlinear Science and Applications</i> , 2018, 11, 635-643.	0.4	6
138	On the solutions of some boundary value problems by using differential transformation method with convolution terms. <i>Filomat</i> , 2012, 26, 917-928.	0.2	6
139	Title is missing!. <i>ScienceAsia</i> , 2009, 35, 392.	0.2	6
140	m-Polar Generalization of Fuzzy T-Ordering Relations: An Approach to Group Decision Making. <i>Symmetry</i> , 2021, 13, 51.	1.1	6
141	A Review of Hermite-Hadamard Inequality for $\hat{\pm}$ -Type Real-Valued Convex Functions. <i>Symmetry</i> , 2022, 14, 840.	1.1	6
142	Pairwise Weakly Regular-Lindelöf Spaces. <i>Abstract and Applied Analysis</i> , 2008, 2008, 1-13.	0.3	5
143	On Spectral Homotopy Analysis Method for Solving Linear Volterra and Fredholm Integrodifferential Equations. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-16.	0.3	5
144	An Efficient Pseudospectral Method for Solving a Class of Nonlinear Optimal Control Problems. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-7.	0.3	5

#	ARTICLE	IF	CITATIONS
145	A Multiple-Step Legendre-Gauss Collocation Method for Solving Volterra's Population Growth Model. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-6.	0.6	5
146	Solving Fractional Partial Differential Equations with Corrected Fourier Series Method. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-5.	0.3	5
147	On higher-order boundary value problems by using differential transformation method with convolution terms. <i>Journal of the Franklin Institute</i> , 2014, 351, 631-642.	1.9	5
148	On solvability of the integrodifferential hyperbolic equation with purely nonlocal conditions. <i>Acta Mathematica Scientia</i> , 2015, 35, 601-609.	0.5	5
149	Solvability of a boundary value problem at resonance. <i>SpringerPlus</i> , 2016, 5, 1504.	1.2	5
150	Fractional double Laplace transform and its properties. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	5
151	On matrix fractional differential equations. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401668335.	0.8	5
152	Computing new solutions of algebro-geometric equation using the discrete inverse Sumudu transform. <i>Advances in Difference Equations</i> , 2018, 2018, .	3.5	5
153	A fuzzy majority-based construction method for composed aggregation functions by using combination operator. <i>Information Sciences</i> , 2019, 505, 367-387.	4.0	5
154	A Note on Double Conformable Laplace Transform Method and Singular One Dimensional Conformable Pseudohyperbolic Equations. <i>Mathematics</i> , 2019, 7, 949.	1.1	5
155	Some Remarks on the Fractional Sumudu Transform and Applications. <i>Applied Mathematics and Information Sciences</i> , 2014, 8, 2881-2888.	0.7	5
156	On Shape Parameter \hat{I}_{\pm} -Based Approximation Properties and q -Statistical Convergence of Baskakov-Gamma Operators. <i>Journal of Mathematics</i> , 2022, 2022, 1-11.	0.5	5
157	On the Fresnel sine integral and the convolution. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2003, 2003, 2327-2333.	0.3	4
158	Some results on $(\hat{I}_{pre,s})$ -continuous functions. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2006, 2006, 1-11.	0.3	4
159	Modelling of Marangoni convection using proper orthogonal decomposition. <i>Nonlinear Dynamics</i> , 2007, 48, 331-337.	2.7	4
160	On the Connection between Kronecker and Hadamard Convolution Products of Matrices and Some Applications. <i>Journal of Inequalities and Applications</i> , 2009, 2009, 736243.	0.5	4
161	On the composition and neutrix composition of the delta function and powers of the inverse hyperbolic sine function. <i>Integral Transforms and Special Functions</i> , 2010, 21, 935-944.	0.8	4
162	On finite products of convolutions and classifications of hyperbolic and elliptic equations. <i>Mathematical and Computer Modelling</i> , 2011, 54, 2211-2219.	2.0	4

#	ARTICLE	IF	CITATIONS
163	A Note on Some Strongly Sequence Spaces. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-8.	0.3	4
164	Estimating the polygamma functions for negative integers. <i>Journal of Inequalities and Applications</i> , 2013, 2013, 523.	0.5	4
165	The Rational Third-Kind Chebyshev Pseudospectral Method for the Solution of the Thomas-Fermi Equation over Infinite Interval. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-6.	0.6	4
166	Some properties of geodesic semi E-b-vex functions. <i>Open Mathematics</i> , 2015, 13, .	0.5	4
167	On Reflection and Transmission of p- and Sv-Waves Phenomena at the Interface Between Solid-Liquid Media with Magnetic Field and Two Thermal Relaxation Times. <i>Journal of Thermal Stresses</i> , 2015, 38, 447-467.	1.1	4
168	On the solutions of three-point boundary value problems using variational-fixed point iteration method. <i>Mathematical Sciences</i> , 2016, 10, 33-40.	1.0	4
169	Stochastic models in seed dispersals: random walks and birthâ€“death processes. <i>Journal of Biological Dynamics</i> , 2019, 13, 345-361.	0.8	4
170	On a Generalization of the Initial-Boundary Problem for the Vibrating String Equation. <i>Symmetry</i> , 2019, 11, 73.	1.1	4
171	Series Expansion and Fourth-Order Global PadÃ© Approximation for a Rough Heston Solution. <i>Mathematics</i> , 2020, 8, 1968.	1.1	4
172	Fixed Point Theorem Based Solvability of 2-Dimensional Dissipative Cubic Nonlinear Klein-Gordon Equation. <i>Mathematics</i> , 2020, 8, 1103.	1.1	4
173	Refinements of Jensenâ€™s inequality for convex functions on the co-ordinates in a rectangle from the plane. <i>Filomat</i> , 2016, 30, 803-814.	0.2	4
174	Statistical approximation properties of Stancu type q-Baskakov-Kantorovich operators. <i>Filomat</i> , 2016, 30, 1853-1868.	0.2	4
175	Modified Laplace Decomposition Method for Solving Systems of Equations Emdenâ€™Fowler Type. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 5297-5301.	0.4	4
176	A Systematic Review on the Advancement in the Study of Fuzzy Variational Problems. <i>Journal of Function Spaces</i> , 2022, 2022, 1-14.	0.4	4
177	On the beta function and the neutrix product of distributions. <i>Integral Transforms and Special Functions</i> , 1998, 7, 35-42.	0.8	3
178	The neutrix convolution product. <i>Integral Transforms and Special Functions</i> , 1998, 7, 237-246.	0.8	3
179	A Note on Mellin Transform and Distributions. <i>Mathematical and Computational Applications</i> , 2004, 9, 65-72.	0.7	3
180	Portfolio Optimization of Equity Mutual Fundsâ€™Malaysian Case Study. <i>Advances in Fuzzy Systems</i> , 2010, 2010, 1-7.	0.6	3

#	ARTICLE	IF	CITATIONS
181	On Convergent Infinite Products and Some Generalized Inverses of Matrix Sequences. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-20.	0.3	3
182	On Integral Transforms and Matrix Functions. <i>Abstract and Applied Analysis</i> , 2011, 2011, 1-15.	0.3	3
183	A Nonclassical Radau Collocation Method for Nonlinear Initial-Value Problems with Applications to Lane-Emden Type Equations. <i>Journal of Applied Mathematics</i> , 2012, 2012, 1-13.	0.4	3
184	Unified Treatment of the Krätzel Transformation for Generalized Functions. <i>Abstract and Applied Analysis</i> , 2013, 2013, 1-7.	0.3	3
185	On the Exponential Radon Transform and Its Extension to Certain Functions Spaces. <i>Abstract and Applied Analysis</i> , 2014, 2014, 1-6.	0.3	3
186	On some applications of the space-time fractional derivative. <i>Advances in Difference Equations</i> , 2016, 2016, .	3.5	3
187	Qualitative study of Riccati difference equation on maneuvering target tracking and fault diagnosis of wind turbine gearbox. <i>Cogent Engineering</i> , 2019, 6, .	1.1	3
188	Mixed Solutions of Monotone Iterative Technique for Hybrid Fractional Differential Equations. <i>Lobachevskii Journal of Mathematics</i> , 2019, 40, 156-165.	0.1	3
189	A Note on the Lower and Upper Solutions of Hybrid-Type Iterative Fractional Differential Equations. <i>The National Academy of Sciences, India</i> , 2020, 43, 277-281.	0.8	3
190	Approximation Formula for Option Prices under Rough Heston Model and Short-Time Implied Volatility Behavior. <i>Symmetry</i> , 2020, 12, 1878.	1.1	3
191	Separation Axioms of Interval-Valued Fuzzy Soft Topology via Quasi-Neighborhood Structure. <i>Mathematics</i> , 2020, 8, 178.	1.1	3
192	Stochastic SIS Modelling: Coinfection of Two Pathogens in Two-Host Communities. <i>Entropy</i> , 2020, 22, 54.	1.1	3
193	On resonant mixed Caputo fractional differential equations. <i>Boundary Value Problems</i> , 2020, 2020, .	0.3	3
194	A Comparison on Solutions of Fifth-Order Boundary- Value Problems. <i>Applied Mathematics and Information Sciences</i> , 2016, 10, 755-764.	0.7	3
195	New Refinements of Jensen-Mercer's Inequality. <i>Journal of Computational and Theoretical Nanoscience</i> , 2015, 12, 4442-4449.	0.4	3
196	Transitive Fuzzy Similarity Multigraph-Based Model for Alternative Clustering in Multi-criteria Group Decision-Making Problems. <i>International Journal of Fuzzy Systems</i> , 2022, 24, 2569-2590.	2.3	3
197	On generalizations of regular-Lindelöf spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2001, 27, 535-539.	0.3	2
198	Mappings and decompositions of continuity on almost Lindelöf spaces. <i>International Journal of Mathematics and Mathematical Sciences</i> , 2006, 2006, 1-7.	0.3	2

#	ARTICLE	IF	CITATIONS
199	Further analysis on classifications of PDE(s) with variable coefficients. Applied Mathematics Letters, 2010, 23, 966-970.	1.5	2
200	Note on the Numerical Solutions of the General Matrix Convolution Equations by Using the Iterative Methods and Box Convolution Product. Abstract and Applied Analysis, 2010, 2010, 1-16.	0.3	2
201	Note on the Solution of Transport Equation by Tau Method and Walsh Functions. Abstract and Applied Analysis, 2010, 2010, 1-13.	0.3	2
202	On the Composition and Neutrix Composition of the Delta Function with the Hyperbolic Tangent and Its Inverse Functions. Journal of Applied Mathematics, 2011, 2011, 1-13.	0.4	2
203	A Note on the Class of Functions with Bounded Turning. Abstract and Applied Analysis, 2012, 2012, 1-10.	0.3	2
204	Solution of Second-Order IVP and BVP of Matrix Differential Models Using Matrix DTM. Abstract and Applied Analysis, 2012, 2012, 1-11.	0.3	2
205	An analysis on classifications of hyperbolic and elliptic PDEs. Mathematical Sciences, 2012, 6, 47.	1.0	2
206	Numerical Study of Two-Dimensional Volterra Integral Equations by RDTM and Comparison with DTM. Abstract and Applied Analysis, 2013, 2013, 1-10.	0.3	2
207	Chebyshev Wavelet Finite Difference Method: A New Approach for Solving Initial and Boundary Value Problems of Fractional Order. Abstract and Applied Analysis, 2013, 2013, 1-15.	0.3	2
208	Bezier Curves Method for Fourth-Order Integrodifferential Equations. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.3	2
209	Solitary Wave Solutions of the Boussinesq Equation and Its Improved Form. Mathematical Problems in Engineering, 2013, 2013, 1-8.	0.6	2
210	An Inversion-Free Method for Finding Positive Definite Solution of a Rational Matrix Equation. Scientific World Journal, The, 2014, 2014, 1-5.	0.8	2
211	Numerical Solution of Singularly Perturbed Delay Differential Equations with Layer Behavior. Abstract and Applied Analysis, 2014, 2014, 1-4.	0.3	2
212	Bezier Curves Based Numerical Solutions of Delay Systems with Inverse Time. Mathematical Problems in Engineering, 2014, 2014, 1-16.	0.6	2
213	Approximation solution for system of generalized ordered variational inclusions with $\hat{\alpha}\check{\cdot}$ operator in ordered Banach space. Journal of Inequalities and Applications, 2017, 2017, 81.	0.5	2
214	Solving multi-dimensional fractional integro-differential equations with the initial and boundary conditions by using multi-dimensional Laplace Transform method. Tbilisi Mathematical Journal, 2017, 10, .	0.3	2
215	Findings of Fractional Iterative Differential Equations Involving First Order Derivative. International Journal of Applied and Computational Mathematics, 2017, 3, 1739-1748.	0.9	2
216	Oscillatory Behavior of Three Dimensional $\hat{\iota}\check{\pm}$ -Fractional Delay Differential Systems. Symmetry, 2018, 10, 769.	1.1	2

#	ARTICLE	IF	CITATIONS
217	Certain generalized fractional calculus formulas and integral transforms involving (p,q) -Mathieu-type series. <i>Advances in Difference Equations</i> , 2019, 2019, .	3.5	2
218	Approximate analytical solutions of fractional nonlinear Schrodinger equations using multistep modified reduced differential transform method. <i>AIP Conference Proceedings</i> , 2019, , .	0.3	2
219	The effect of temperature on mosquito population dynamics of <i>Aedes aegypti</i> : The primary vector of dengue. <i>AIP Conference Proceedings</i> , 2020, , .	0.3	2
220	Fractional Partial Differential Equations Associated with Lévy Stable Process. <i>Mathematics</i> , 2020, 8, 508.	1.1	2
221	m-Polar Fuzzy Soft Graphs in Group Decision Making: A Combining Method by Aggregation Functions. <i>Advances in Intelligent Systems and Computing</i> , 2021, , 425-455.	0.5	2
222	Three-Dimensional Laplace Adomian Decomposition Method and Singular Pseudoparabolic Equations. <i>Journal of Function Spaces</i> , 2021, 2021, 1-15.	0.4	2
223	Application of Induced Preorderings in Score Function-Based Method for Solving Decision-Making with Interval-Valued Fuzzy Soft Information. <i>Mathematics</i> , 2021, 9, 1575.	1.1	2
224	Dunkl generalization of Phillips operators and approximation in weighted spaces. <i>Advances in Difference Equations</i> , 2020, 2020, .	3.5	2
225	On a Generalized Fractional Integral Operator in a Complex Domain. <i>Applied Mathematics and Information Sciences</i> , 2016, 10, 1053-1059.	0.7	2
226	Sufficient conditions on existence of solution for nonlinear fractional iterative integral equation. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 368-376.	0.4	2
227	Quasi associated continued fractions and Hankel determinants of Dixon elliptic functions via Sumudu transform. <i>Journal of Nonlinear Science and Applications</i> , 2017, 10, 4000-4014.	0.4	2
228	A Variational-Fixed Point Iterative technique for the Solution of Second Order Differential Equations. <i>Malaysian Journal of Science</i> , 2016, 35, 29-36.	0.2	2
229	Approximate Analytical Solutions of Nonlinear Korteweg-de Vries Equations Using Multistep Modified Reduced Differential Transform Method. <i>Mathematics and Statistics</i> , 2020, 8, 9-16.	0.2	2
230	On Interval-Valued Fuzzy Soft Preordered Sets and Associated Applications in Decision-Making. <i>Mathematics</i> , 2021, 9, 3142.	1.1	2
231	Financial Applications on Fractional Lévy Stochastic Processes. <i>Fractal and Fractional</i> , 2022, 6, 278.	1.6	2
232	A Note on Wave Equation and Convolutions. <i>Differential Equations and Nonlinear Mechanics</i> , 2007, 2007, 1-13.	0.3	1
233	NEW SUBCLASSES OF MEROMORPHIC FUNCTIONS ASSOCIATED WITH HADAMARD PRODUCT. , 2010, , .		1
234	On the Neutrix Composition of the Delta and Inverse Hyperbolic Sine Functions. <i>Journal of Applied Mathematics</i> , 2011, 2011, 1-12.	0.4	1

#	ARTICLE	IF	CITATIONS
235	Homotopy Extension Property in Homotopy Theory for Topological Semigroups. ISRN Geometry, 2012, 2012, 1-9.	0.1	1
236	On the Generalized KrÅtzel Transform and Its Extension to Bohemian Spaces. Abstract and Applied Analysis, 2013, 2013, 1-7.	0.3	1
237	Extended Mixed Vector Equilibrium Problems. Abstract and Applied Analysis, 2014, 2014, 1-6.	0.3	1
238	Hopf bifurcation in an open monetary economic system: Taylor versus inflation targeting rules. Chaos, Solitons and Fractals, 2014, 61, 8-12.	2.5	1
239	Fractional Integral Transform and Application. Abstract and Applied Analysis, 2015, 2015, 1-1.	0.3	1
240	Mappings on pairwise para-lindelÅf bitopological spaces. Journal of the Egyptian Mathematical Society, 2015, 23, 377-381.	0.6	1
241	Topological properties of some sequences defined over 2-normed spaces. SpringerPlus, 2016, 5, 1974.	1.2	1
242	Approximate solutions for non-linear iterative fractional differential equations. AIP Conference Proceedings, 2016, , .	0.3	1
243	On synchronal algorithm for fixed point and variational inequality problems in hilbert spaces. SpringerPlus, 2016, 5, 103.	1.2	1
244	Boundedness of fractional differential operator in complex spaces. Asian-European Journal of Mathematics, 2017, 10, 1750075.	0.2	1
245	Some new lacunary statistical convergence with ideals. Journal of Inequalities and Applications, 2017, 2017, 15.	0.5	1
246	On subspace-diskcyclicity. Arab Journal of Mathematical Sciences, 2017, 23, 133-140.	0.2	1
247	Modelling motorcycle accident on the road section by using general linear model: Case studies in Batu City. Cogent Mathematics, 2017, 4, 1379675.	0.4	1
248	Restricted triangulation on circulant graphs. Open Mathematics, 2018, 16, 358-369.	0.5	1
249	Functions and $\langle i \rangle^{1/2} \langle j \rangle$ -LindelÅf with respect to a hereditary class. Cogent Mathematics & Statistics, 2018, 5, 1479218.	0.9	1
250	Fuzzy p-Absolutely Summable Difference Sequences. New Mathematics and Natural Computation, 2018, 14, 221-233.	0.4	1
251	Sensitivity Analysis in a Dengue Fever Transmission Model: A fractional order system approach. Journal of Physics: Conference Series, 2019, 1366, 012048.	0.3	1
252	Revision of Pseudo-Ultrametric Spaces Based on m-Polar T-Equivalences and Its Application in Decision Making. Mathematics, 2021, 9, 1232.	1.1	1

#	ARTICLE	IF	CITATIONS
253	On a system of qâ€modified Laplace transform and its applications. Mathematical Methods in the Applied Sciences, 0, , .	1.2	1
254	ON SUBSPACE-DISK TRANSITIVITY OF BILATERAL WEIGHTED SHIFTS. Malaysian Journal of Science, 2015, 34, 208-213.	0.2	1
255	Note on the fractional Mittag-Leffler functions by applying the modified Riemann-Liouville derivatives. Boletim Da Sociedade Paranaense De Matematica, 0, 40, 1-16.	0.4	1
256	Some counterexamples and properties on subspaces of generalized regular-Lindelof spaces. Tamkang Journal of Mathematics, 2001, 32, 237-245.	0.3	1
257	ON CLASSIFICATIONS OF NON-CONSTANT LINEAR SECOND ORDER PDEs AND DOUBLE CONVOLUTION PRODUCT. Far East Journal of Mathematical Sciences, 2015, 97, 1031-1042.	0.0	1
258	ALMOST EVERYWHERE CONVERGENCE OF SOHO WAVELET EXPANSIONS WITH SPHERICAL WAVELET SUMMATION METHOD. Far East Journal of Mathematical Sciences, 2017, 101, 1277-1293.	0.0	1
259	Applications of Lehmerâ€™s Infinite Series Involving Reciprocals of the Central Binomial Coefficients. Journal of Function Spaces, 2022, 2022, 1-6.	0.4	1
260	Certain Integral Formulae Associated with the Product of Generalized Hypergeometric Series and Several Elementary Functions Derived from Formulas for the Beta Function. Symmetry, 2022, 14, 389.	1.1	1
261	Another Method for Proving Certain Reduction Formulas for the Humbert Function \tilde{H}_2 Due to Brychkov et al. with an Application. Symmetry, 2022, 14, 868.	1.1	1
262	On the product of the function [image omitted] and the distribution [image omitted]. Integral Transforms and Special Functions, 1994, 2, 243-252.	0.8	0
263	A Comparison on the Commutative Neutrix Products of Distributions. Mathematical and Computational Applications, 2003, 8, 343-351.	0.7	0
264	A SCHEMA ON GENERALIZED CONTINUOUS, GENERALIZED CLOSED AND GENERALIZED OPEN FUNCTIONS. , 2010, , .		0
265	Set Operation with MAPLE and Embedded Components. Procedia, Social and Behavioral Sciences, 2010, 8, 678-685.	0.5	0
266	On the Matrix Convolutional Products and Their Applications. , 2010, , .		0
267	SOME RESULTS ON THE INTEGRAL TRANSFORMS AND APPLICATIONS TO DIFFERENTIAL EQUATIONS. , 2010, , .		0
268	On theS-Invariance Property forS-Flows. Abstract and Applied Analysis, 2010, 2010, 1-5.	0.3	0
269	On Certain Classes of p -Valent Functions by Using Complex-Order and Differential Subordination. International Journal of Mathematics and Mathematical Sciences, 2010, 2010, 1-12.	0.3	0
270	On Lower Separation and Regularity Axioms in Fuzzy Topological Spaces. Advances in Fuzzy Systems, 2011, 2011, 1-6.	0.6	0

#	ARTICLE	IF	CITATIONS
271	Note on the wave equation and tensor products. Applied Mathematics and Computation, 2011, 218, 871-877.	1.4	0
272	Product Property on Generalized LindelÅf Spaces. ISRN Mathematical Analysis, 2011, 2011, 1-7.	0.3	0
273	On weaker forms for concepts in theory of topological groupoids. Journal of the Egyptian Mathematical Society, 2013, 21, 57-62.	0.6	0
274	On homotopically equivalent relations for fiber bundles. Journal of the Egyptian Mathematical Society, 2013, 21, 295-299.	0.6	0
275	On pairwise super continuous multifunctions. , 2013, , .		0
276	On solutions of matrix initial value problems by using differential transform method and convolution. , 2013, , .		0
277	Recent Developments in Integral Transforms, Special Functions, and Their Extensions to Distributions Theory. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.3	0
278	Strongly Almost Lacunary -Convergent Sequences. Abstract and Applied Analysis, 2013, 2013, 1-5.	0.3	0
279	On Modified Mellin Transform of Generalized Functions. Abstract and Applied Analysis, 2013, 2013, 1-6.	0.3	0
280	Generalized Equilibrium Problem with Mixed Relaxed Monotonicity. Scientific World Journal, The, 2014, 2014, 1-4.	0.8	0
281	OnCâ,,µ-Fibrations in Bitopological Semigroups. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	0
282	Theory, Methods, and Applications of Fractional Calculus. Scientific World Journal, The, 2014, 2014, 1-2.	0.8	0
283	k-diskcyclic operators on Banach spaces. AIP Conference Proceedings, 2016, , .	0.3	0
284	On retracting properties and covering homotopy theorem for S-maps into Sİf-cofibrations and Sİf-fibrations. Journal of the Egyptian Mathematical Society, 2016, 24, 590-596.	0.6	0
285	Upper bound of fractional differential operator related to univalent functions. Mathematical Sciences, 2016, 10, 167-175.	1.0	0
286	On simple iterative fractional order differential equations. AIP Conference Proceedings, 2017, , .	0.3	0
287	Jackâ€™s lemma for certain subclasses of analytic functions defined by a new fractional linear operator. AIP Conference Proceedings, 2017, , .	0.3	0
288	Some applications of the multi-dimensional fractional order for the Riemann-Liouville derivative. AIP Conference Proceedings, 2017, , .	0.3	0

#	ARTICLE	IF	CITATIONS
289	A new structure for scaling functions system with Dyadic intervals. AIP Conference Proceedings, 2017, , .	0.3	0
290	Hopf bifurcation in an open monetary economic system: Taylor vs. inflation targeting rules (Malaysian) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	0
291	Biological Experiments Based on Fractional Integral Equations. Journal of Physics: Conference Series, 2018, 1132, 012023.	0.3	0
292	The metric derivative of set-valued functions. Advances in Pure and Applied Mathematics, 2019, 10, 263-272.	0.3	0
293	Hankel Determinants of Non-Zero Modulus Dixon Elliptic Functions via Quasi C Fractions. Fractal and Fractional, 2019, 3, 22.	1.6	0
294	Oscillation Criteria for Third Order Neutral Generalized Difference Equations with Distributed Delay. Symmetry, 2019, 11, 1501.	1.1	0
295	On Hybrid Type Nonlinear Fractional Integrodifferential Equations. Mathematics, 2020, 8, 984.	1.1	0
296	Mappings and decompositions of pairwise continuity on (i, j)-almost LindelÅ¶f and (i, j)-weakly LindelÅ¶f spaces. Proyecciones, 0, , .	0.1	0
297	Triangulability of convex graphs and convex skewness. Discrete Mathematics, Algorithms and Applications, 0, , 2150146.	0.4	0
298	Theoretical and Numerical Aspect of Fractional Differential Equations with Purely Integral Conditions. Mathematics, 2021, 9, 1987.	1.1	0
299	SPX Calibration of Option Approximations under Rough Heston Model. Mathematics, 2021, 9, 2675.	1.1	0
300	Mappings on weakly LindelÅ¶f and weakly regular-LindelÅ¶f of spaces. Applied General Topology, 2013, 12, .	0.1	0
301	Convolution Product and Differential and Integro: Differential Equations. , 2014, , 737-758.		0
302	On the Non-Commutative Neutrix Product. Georgian Mathematical Journal, 1996, 3, 133-140.	0.2	0
303	Mixed Vector Equilibrium Problem Involving Multi-Valued Mapping. Applied Mathematics and Information Sciences, 2016, 10, 203-207.	0.7	0
304	Iterative Algorithm for extended mixed equilibrium problem. New Trends in Mathematical Sciences, 2016, 4, 33-33.	0.1	0
305	Packing 1-plane Hamiltonian cycles in complete geometric graphs. Filomat, 2019, 33, 1561-1574.	0.2	0
306	On a New Class of Unified Reduction Formulas for Srivastavaâ€™s General Triple Hypergeometric Function $F(3) [x, y, z]$. Kragujevac Journal of Mathematics, 2020, 44, 65-73.	0.3	0

#	ARTICLE	IF	CITATIONS
307	On Multilevel and Control Variate Monte Carlo Methods for Option Pricing under the Rough Heston Model. Mathematics, 2021, 9, 2930.	1.1	0