Bashir Ahmad

List of Publications by Year
in descending order

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712 papers	17,172 citations	16437 64 h-index	42364 92 g-index
718 all docs	718 docs citations	718 times ranked	7725 citing authors

#	Article	IF	Citations
1	Existence results for a coupled system of nonlinear fractional differential equations with three-point boundary conditions. Computers and Mathematics With Applications, 2009, 58, 1838-1843.	1.4	401
2	Equivalent projectors for virtual element methods. Computers and Mathematics With Applications, 2013, 66, 376-391.	1.4	393
3	Chemoâ€preventive and therapeutic effect of the dietary flavonoid kaempferol: A comprehensive review. Phytotherapy Research, 2019, 33, 263-275.	2.8	224
4	Energy consumption for water use cycles in different countries: A review. Applied Energy, 2016, 178, 868-885.	5.1	218
5	A study of nonlinear Langevin equation involving two fractional orders in different intervals. Nonlinear Analysis: Real World Applications, 2012, 13, 599-606.	0.9	199
6	Convective flow of carbon nanotubes between rotating stretchable disks with thermal radiation effects. International Journal of Heat and Mass Transfer, 2016, 101, 948-957.	2.5	164
7	Hadamard-Type Fractional Differential Equations, Inclusions and Inequalities. , 2017, , .		163
8	On four-point nonlocal boundary value problems of nonlinear integro-differential equations of fractional order. Applied Mathematics and Computation, 2010, 217, 480-487.	1.4	149
9	Existence results for nonlinear impulsive hybrid boundary value problems involving fractional differential equations. Nonlinear Analysis: Hybrid Systems, 2009, 3, 251-258.	2.1	146
10	Synchronization between neurons coupled by memristor. Chaos, Solitons and Fractals, 2017, 104, 435-442.	2.5	143
11	Impulsive anti-periodic boundary value problem for nonlinear differential equations of fractional order. Nonlinear Analysis: Theory, Methods & Applications, 2011, 74, 792-804.	0.6	139
12	Nonlinear fractional integro-differential equations on unbounded domains in a Banach space. Journal of Computational and Applied Mathematics, 2013, 249, 51-56.	1.1	131
13	Analytic approximation of solutions of the forced Duffing equation with integral boundary conditions. Nonlinear Analysis: Real World Applications, 2008, 9, 1727-1740.	0.9	126
14	Existence Results for Nonlinear Boundary Value Problems of Fractional Integrodifferential Equations with Integral Boundary Conditions. Boundary Value Problems, 2009, 2009, 1-11.	0.3	121
15	New Existence Results for Nonlinear Fractional Differential Equations with Three-Point Integral Boundary Conditions. Advances in Difference Equations, 2011, 2011, 1-11.	3.5	121
16	Dynamic analysis of time fractional order phytoplanktonâ€“toxic phytoplanktonâ€“zooplankton system. Ecological Modelling, 2015, 318, 8-18.	1.2	118
17	Driving force analysis of water footprint change based on extended STIRPAT model: Evidence from the Chinese agricultural sector. Ecological Indicators, 2014, 47, 43-49.	2.6	116
18	Nonlocal Hadamard fractional boundary value problem with Hadamard integral and discrete boundary conditions on a half-line. Journal of Computational and Applied Mathematics, 2018, 343, 230-239.	1.1	116

#	Article	IF	Citations
19	A fully Hadamard type integral boundary value problem of a coupled system of fractional differential equations. Fractional Calculus and Applied Analysis, 2014, 17, 348-360.	1.2	114
20	Existence of solutions for impulsive integral boundary value problems of fractional order. Nonlinear Analysis: Hybrid Systems, 2010, 4, 134-141.	2.1	112
21	Doubly stratified mixed convection flow of Maxwell nanofluid with heat generation/absorption. Journal of Magnetism and Magnetic Materials, 2016, 404, 159-165.	1.0	109
22	Event-triggered multi-rate fusion estimation for uncertain system with stochastic nonlinearities and colored measurement noises. Information Fusion, 2017, 36, 313-320.	11.7	109
23	Existence theory for anti-periodic boundary value problems of fractional differential equations and inclusions. Computers and Mathematics With Applications, 2011, 62, 1200-1214.	1.4	107
24	Positive solutions of a nonlinear <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/common/struct-bib/dtd" xmlns:ce="http:. Applied Mathematics	1.5	106
25	A comparison of iterative methods to solve complex valued linear algebraic systems. Numerical Algorithms, 2014, 66, 811-841.	1.1	106
26	Existence and approximation of solutions for a class of nonlinear impulsive functional differential equations with anti-periodic boundary conditions. Nonlinear Analysis: Theory, Methods & Applications, 2008, 69, 3291-3298.	0.6	104
27	Genistein: An Integrative Overview of Its Mode of Action, Pharmacological Properties, and Health Benefits. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-36.	1.9	104
28	Natural occurrence of mycotoxins in medicinal plants: A review. Fungal Genetics and Biology, 2014, 66, 1-10.	0.9	103
29	Magnetohydrodynamic (MHD) nonlinear convective flow of Walters-B nanofluid over a nonlinear stretching sheet with variable thickness. International Journal of Heat and Mass Transfer, 2017, 110, 506-514.	2.5	103
30	On a coupled system of fractional differential equations with coupled nonlocal and integral boundary conditions. Chaos, Solitons and Fractals, 2016, 83, 234-241.	2.5	102
31	Peristalsis of silver-water nanofluid in the presence of Hall and Ohmic heating effects: Applications in drug delivery. Journal of Molecular Liquids, 2015, 207, 248-255.	2.3	97
32	Event-triggered robust distributed state estimation for sensor networks with state-dependent noises. International Journal of General Systems, 2015, 44, 254-266.	1.2	96
33	Peristaltic transport of copperâ€“water nanofluid saturating porous medium. Physica E: Low-Dimensional Systems and Nanostructures, 2015, 67, 47-53.	1.3	96
34	A coupled system of Hadamard type sequential fractional differential equations with coupled strip conditions. Chaos, Solitons and Fractals, 2016, 91, 39-46.	2.5	93
35	Existence of Solutions for Nonlocal Boundary Value Problems of Higher-Order Nonlinear Fractional Differential Equations. Abstract and Applied Analysis, 2009, 2009, 1-9.	0.3	92
36	Existence results for a coupled system of Caputo type sequential fractional differential equations with nonlocal integral boundary conditions. Applied Mathematics and Computation, 2015, 266, 615-622.	1.4	92

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37	Melting heat transportation in radiative flow of nanomaterials with irreversibility analysis. Renewable and Sustainable Energy Reviews, 2021, 140, 110739.	8.2	92
38	Riemann-Liouville fractional integro-differential equations with fractional nonlocal integral boundary conditions. Boundary Value Problems, 2011, 2011, .	0.3	89
39	On Fuzzy Soft Sets. Advances in Fuzzy Systems, 2009, 2009, 1-6.	0.6	88
40	The driving force of water footprint under the rapid urbanization process: a structural decomposition analysis for Zhangye city in China. Journal of Cleaner Production, 2017, 163, S322-S328.	4.6	88
41	Interregional carbon flows of China. Applied Energy, 2018, 227, 342-352.	5.1	87
42	Embodied energy consumption of building construction engineering: Case study in E-town, Beijing. Energy and Buildings, 2013, 64, 62-72.	3.1	86
43	Performances and mechanisms of Mg/Al and Ca/Al layered double hydroxides for graphene oxide removal from aqueous solution. Chemical Engineering Journal, 2016, 297, 106-115.	6.6	85
44	Sequential fractional differential equations with three-point boundary conditions. Computers and Mathematics With Applications, 2012, 64, 3046-3052.	1.4	84
45	On magnetohydrodynamic flow of second grade nanofluid over a nonlinear stretching sheet. Journal of Magnetism and Magnetic Materials, 2016, 408, 99-106.	1.0	84
46	Simultaneous effects of slip and wall properties on MHD peristaltic motion of nanofluid with Joule heating. Journal of Magnetism and Magnetic Materials, 2015, 395, 48-58.	1.0	82
47	Existence of solutions for irregular boundary value problems of nonlinear fractional differential equations. Applied Mathematics Letters, 2010, 23, 390-394.	1.5	79
48	Systems accounting for energy consumption and carbon emission by building. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 1859-1873.	1.7	79
49	Numerical study for Darcy-Forchheimer flow due to a curved stretching surface with Cattaneo-Christov heat flux and homogeneous-heterogeneous reactions. Results in Physics, 2017, 7, 2886-2892.	2.0	79
50	Homogeneous-heterogeneous reactions and heat source/sink effects in MHD peristaltic flow of micropolar fluid with Newtonian heating in a curved channel. Journal of Molecular Liquids, 2016, 223, 469-488.	2.3	78
51	Finite-time non-fragile passivity control for neural networks with time-varying delay. Applied Mathematics and Computation, 2017, 297, 145-158.	1.4	78
52	Influence of Magnetic Field in Three-Dimensional Flow of Couple Stress Nanofluid over a Nonlinearly Stretching Surface with Convective Condition. PLoS ONE, 2015, 10, e0145332.	1.1	77
53	Significance of activation energy in radiative peristaltic transport of Eyring-Powell nanofluid. International Communications in Heat and Mass Transfer, 2020, 116, 104655.	2.9	75
54	Existence results for nonlocal boundary value problems of nonlinear fractional q-difference equations. Advances in Difference Equations, 2012, 2012, .	3.5	73

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55	Three-dimensional flow of nanofluid with Cattaneoâ€“Christov double diffusion. Results in Physics, 2016, 6, 897-903.	2.0	73
56	Peristaltic Transport of Carreau-Yasuda Fluid in a Curved Channel with Slip Effects. PLoS ONE, 2014, 9, e95070.	1.1	72
57	On Caputoâ€“Hadamard type fractional impulsive hybrid systems with nonlinear fractional integral conditions. Nonlinear Analysis: Hybrid Systems, 2016, 19, 77-92.	2.1	71
58	Melting heat transfer in squeezing flow of basefluid (water), nanofluid (CNTsâ€‰+â€‰water) and hybrid nanofluid (CNTsâ€‰+â€‰CuOâ€‰+â€‰water). Journal of Thermal Analysis and Calorimetry, 2021, 143, 1157-1174.	2.9	70
59	Simultaneous effects of convective conditions and nanoparticles on peristaltic motion. Journal of Molecular Liquids, 2014, 193, 74-82.	2.3	69
60	Existence of solutions for nonlinear fractional q-difference integral equations with two fractional orders and nonlocal four-point boundary conditions. Journal of the Franklin Institute, 2014, 351, 2890-2909.	1.9	69
61	Existence of Solutions for Impulsive Anti-periodic Boundary Value Problems of Fractional Order. Taiwanese Journal of Mathematics, 2011, 15, .	0.2	67
62	Embodied greenhouse gas emission by Macao. Energy Policy, 2013, 59, 819-833.	4.2	67
63	Analysis of a delayed vaccinated SIR epidemic model with temporary immunity and LÃ©vy jumps. Nonlinear Analysis: Hybrid Systems, 2018, 27, 29-43.	2.1	67
64	Hermiteâ€“Hadamard, Hermiteâ€“Hadamardâ€“FejÃ©r, Dragomirâ€“Agarwal and Pachpatte type inequalities for convex functions via new fractional integrals. Journal of Computational and Applied Mathematics, 2019, 353, 120-129.	1.1	67
65	Global Mittag-Leffler stability analysis of impulsive fractional-order complex-valued BAM neural networks with time varying delays. Communications in Nonlinear Science and Numerical Simulation, 2020, 83, 105088.	1.7	67
66	Formation control of impulsive networked autonomous underwater vehicles under fixed and switching topologies. Neurocomputing, 2015, 147, 291-298.	3.5	66
67	Nonlinear Radiation Heat Transfer Effects in the Natural Convective Boundary Layer Flow of Nanofluid Past a Vertical Plate: A Numerical Study. PLoS ONE, 2014, 9, e103946.	1.1	65
68	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="mml11" display="inline" overflow="scroll" altimg="si11.gif"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>âˆž</mml:mi></mml:mrow></mml:msub></m state estimation of stochastic memristor-based neural networks with time-varying delays. Neural Networks, 2018, 99, 79-91.	3.3	65
69	Entropy generation minimization: Darcy-Forchheimer nanofluid flow due to curved stretching sheet with partial slip. International Communications in Heat and Mass Transfer, 2020, 111, 104445.	2.9	65
70	Efficient removal of phenol and aniline from aqueous solutions using graphene oxide/polypyrrole composites. Journal of Molecular Liquids, 2015, 203, 80-89.	2.3	63
71	Comments on the concept of existence of solution for impulsive fractional differential equations. Communications in Nonlinear Science and Numerical Simulation, 2014, 19, 401-403.	1.7	62
72	SUCCESSIVE ITERATIONS FOR POSITIVE EXTREMAL SOLUTIONS OF NONLINEAR FRACTIONAL DIFFERENTIAL EQUATIONS ON A HALF-LINE. Bulletin of the Australian Mathematical Society, 2015, 91, 116-128.	0.3	62

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73	Effectiveness of entropy generation and energy transfer on peristaltic flow of Jeffrey material with Darcy resistance. International Journal of Heat and Mass Transfer, 2017, 106, 244-252.	2.5	62
74	Bibliometric and visualized analysis of China's coal research 2000â€“2015. Journal of Cleaner Production, 2018, 197, 1177-1189.	4.6	61
75	Anti-periodic fractional boundary value problems. Computers and Mathematics With Applications, 2011, 62, 1150-1156.	1.4	60
76	Numerical study of boundary-layer flow due to a nonlinear curved stretching sheet with convective heat and mass conditions. Results in Physics, 2017, 7, 2601-2606.	2.0	60
77	Mixed convective slip flow of hybrid nanofluid (MWCNTsâ€‰+â€‰Cuâ€‰+â€‰Water), nanofluid (MWCNTsâ€‰+â€‰Water) and base fluid (Water): a comparative investigation. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1523-1536.	2.0	60
78	Heterogeneous-homogeneous reactions and melting heat transfer effects in flow with carbon nanotubes. Journal of Molecular Liquids, 2016, 220, 200-207.	2.3	59
79	Entropy generation analysis for peristaltic flow of nanoparticles in a rotating frame. International Journal of Heat and Mass Transfer, 2017, 108, 1775-1786.	2.5	59
80	Phytochemical, ethnomedicinal uses and pharmacological profile of genus Pistacia. Biomedicine and Pharmacotherapy, 2017, 86, 393-404.	2.5	59
81	Boundary Value Problems for a Class of Sequential Integrodifferential Equations of Fractional Order. Journal of Function Spaces and Applications, 2013, 2013, 1-8.	0.5	58
82	Dynamics of a stochastic SIS model with double epidemic diseases driven by LÃ©vy jumps. Physica A: Statistical Mechanics and Its Applications, 2017, 471, 767-777.	1.2	57
83	Hall and radial magnetic field effects on radiative peristaltic flow of Carreauâ€“Yasuda fluid in a channel with convective heat and mass transfer. Journal of Magnetism and Magnetic Materials, 2016, 412, 207-216.	1.0	54
84	Control design for output tracking of delayed Boolean control networks. Journal of Computational and Applied Mathematics, 2018, 327, 188-195.	1.1	54
85	Slip Effects on Mixed Convective Peristaltic Transport of Copper-Water Nanofluid in an Inclined Channel. PLoS ONE, 2014, 9, e105440.	1.1	53
86	Embodied energy assessment for Macaoâ€“s external trade. Renewable and Sustainable Energy Reviews, 2014, 34, 642-653.	8.2	53
87	Impact of environmental conditions on the sorption behavior of radionuclide 90 Sr(II) on Na-montmorillonite. Journal of Molecular Liquids, 2015, 203, 39-46.	2.3	53
88	Mixed convective peristaltic flow of Sisko fluid in curved channel with homogeneous-heterogeneous reaction effects. Journal of Molecular Liquids, 2017, 233, 131-138.	2.3	53
89	Chaos and multi-scroll attractors in RCL-shunted junction coupled Jerk circuit connected by memristor. PLoS ONE, 2018, 13, e0191120.	1.1	53
90	Entropy optimized dissipative flow of effective Prandtl number with melting heat transport and Joule heating. International Communications in Heat and Mass Transfer, 2020, 111, 104454.	2.9	53

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91	Existence of solutions for sequential fractional integro-differential equations and inclusions with nonlocal boundary conditions. Applied Mathematics and Computation, 2018, 339, 516-534.	1.4	52
92	Sustainability-based economic and ecological evaluation of a rural biogas-linked agro-ecosystem. Renewable and Sustainable Energy Reviews, 2015, 41, 347-355.	8.2	51
93	On Hadamard fractional integro-differential boundary value problems. Journal of Applied Mathematics and Computing, 2015, 47, 119-131.	1.2	51
94	Stationary distribution and extinction of a stochastic SEIR epidemic model with standard incidence. Physica A: Statistical Mechanics and Its Applications, 2017, 476, 58-69.	1.2	51
95	Fractional differential inclusions with fractional separated boundary conditions. Fractional Calculus and Applied Analysis, 2012, 15, 362-382.	1.2	50
96	Dynamical behavior and application in Josephson Junction coupled by memristor. Applied Mathematics and Computation, 2018, 321, 290-299.	1.4	50
97	Evaluation of vehicle emission in Yunnan province from 2003 to 2015. Journal of Cleaner Production, 2019, 207, 814-825.	4.6	50
98			

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109	Dynamical Response of Electrical Activities in Digital Neuron Circuit Driven by Autapse. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2017, 27, 1750187.	0.7	46
110	Maximum principle for certain generalized time and space fractional diffusion equations. Quarterly of Applied Mathematics, 2015, 73, 163-175.	0.5	45
111	Dynamical behavior of a stochastic SVIR epidemic model with vaccination. Physica A: Statistical Mechanics and Its Applications, 2017, 483, 94-108.	1.2	45
112	Some existence results for impulsive nonlinear fractional differential equations with mixed boundary conditions. Computers and Mathematics With Applications, 2011, 62, 1389-1397.	1.4	44
113	Some boundary value problems of fractional differential equations and inclusions. Computers and Mathematics With Applications, 2011, 62, 1238-1250.	1.4	43
114	Renewability and sustainability of biogas system: Cosmic exergy based assessment for a case in China. Renewable and Sustainable Energy Reviews, 2015, 51, 1509-1524.	8.2	43
115	Velocity and thermal slip effects on peristaltic motion of Walters-B fluid. International Journal of Heat and Mass Transfer, 2016, 96, 210-217.	2.5	43
116	Existence of nonoscillatory solutions for fractional neutral differential equations. Applied Mathematics Letters, 2017, 72, 70-74.	1.5	43
117	Radiative flow of Carreau liquid in presence of Newtonian heating and chemical reaction. Results in Physics, 2017, 7, 715-722.	2.0	43
118	Cattaneo-Christov heat flux model for third-grade fluid flow towards exponentially stretching sheet. Applied Mathematics and Mechanics (English Edition), 2016, 37, 761-768.	1.9	42
119	Existence of Solutions for a System of Fractional Differential Equations with Coupled Nonlocal Boundary Conditions. Fractional Calculus and Applied Analysis, 2018, 21, 423-441.	1.2	42
120	Existence of Solutions for Fractional Differential Inclusions with Antiperiodic Boundary Conditions. Boundary Value Problems, 2009, 2009, 1-11.	0.3	41
121	Evaluation of mycotoxins, mycobiota, and toxigenic fungi in selected medicinal plants of Khyber Pakhtunkhwa, Pakistan. Fungal Biology, 2014, 118, 776-784.	1.1	41
122	The rapid coagulation of graphene oxide on La-doped layered double hydroxides. Chemical Engineering Journal, 2017, 309, 445-453.	6.6	41
123	Existence Theory for a Fractional q-Integro-Difference Equation with q-Integral Boundary Conditions of Different Orders. Mathematics, 2019, 7, 659.	1.1	41
124	A fractional-order differential equation model of COVID-19 infection of epithelial cells. Chaos, Solitons and Fractals, 2021, 147, 110952.	2.5	41
125	Peristaltic Motion of a non-Newtonian Nanofluid in an Asymmetric Channel. Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences, 2014, 69, 451-461.	0.7	39
126	The existence of an extremal solution to a nonlinear system with the right-handed Riemannâ€“Liouville fractional derivative. Applied Mathematics Letters, 2014, 31, 1-6.	1.5	39

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127	Radiative flow of a tangent hyperbolic fluid with convective conditions and chemical reaction. European Physical Journal Plus, 2016, 131, 1.	1.2	39
128	Virtual water accounting for a building construction engineering project with nine sub-projects: a case in E-town, Beijing. Journal of Cleaner Production, 2016, 112, 4691-4700.	4.6	39
129	Thermal Radiation Effect in MHD Flow of Powellâ€"Eyring Nanofluid Induced by a Stretching Cylinder. Journal of Aerospace Engineering, 2016, 29, .	0.8	39
130	MHD nonlinear convective flow of thixotropic nanofluid with chemical reaction and Newtonian heat and mass conditions. Results in Physics, 2017, 7, 2124-2133.	2.0	39
131	Existence results for coupled nonlinear fractional differential equations equipped with nonlocal coupled flux and multi-point boundary conditions. Chaos, Solitons and Fractals, 2017, 102, 149-161.	2.5	39
132	Existence of solutions for a sequential fractional integro-differential system with coupled integral boundary conditions. Chaos, Solitons and Fractals, 2017, 104, 378-388.	2.5	39
133	Uptake of Pb(II) and U(VI) ions from aqueous solutions by the ZSM-5 zeolite. Journal of Molecular Liquids, 2015, 207, 338-342.	2.3	38
134	On well-posedness and blow-up for the full compressible Hall-MHD system. Nonlinear Analysis: Real World Applications, 2016, 31, 569-579.	0.9	38
135	Modeling tangent hyperbolic nanoliquid flow with heat and mass flux conditions. European Physical Journal Plus, 2017, 132, 1.	1.2	38
136	Soret and Dufour Effects on MHD Peristaltic Flow of Jeffrey Fluid in a Rotating System with Porous Medium. PLoS ONE, 2016, 11, e0145525.	1.1	38
137	Growth promotion of cucumber by pure cultures of gibberellin-producing Phoma sp. GAH7. World Journal of Microbiology and Biotechnology, 2010, 26, 889-894.	1.7	37
138	Stationary distribution and extinction of a stochastic staged progression AIDS model with staged treatment and second-order perturbation. Chaos, Solitons and Fractals, 2020, 140, 110238.	2.5	37
139	Wall properties and convective conditions in MHD radiative peristalsis flow of Eyringâ€"Powell nanofluid. Journal of Thermal Analysis and Calorimetry, 2021, 144, 1199-1208.	2.0	37
140	On Caputo type sequential fractional differential equations with nonlocal integral boundary conditions. Advances in Difference Equations, 2015, 2015, .	3.5	36
141	Impact of magnetic field in three-dimensional flow of Sisko nanofluid with convective condition. Journal of Magnetism and Magnetic Materials, 2016, 413, 1-8.	1.0	36
142	A study of mixed Hadamard and Riemannâ€"Liouville fractional integro-differential inclusions via endpoint theory. Applied Mathematics Letters, 2016, 52, 9-14.	1.5	36
143	Universal chaos synchronization control laws for general quadratic discrete systems. Applied Mathematical Modelling, 2017, 45, 636-641.	2.2	36
144	A stochastic HIV infection model with T-cell proliferation and CTL immune response. Applied Mathematics and Computation, 2017, 315, 477-493.	1.4	36

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145	The spatiotemporal features of greenhouse gases emissions from biomass burning in China from 2000 to 2012. Journal of Cleaner Production, 2018, 181, 801-808.	4.6	36
146	Anti-periodic fractional boundary value problems with nonlinear term depending on lower order derivative. Fractional Calculus and Applied Analysis, 2012, 15, 451-462.	1.2	35
147	Influence of variable viscosity and radial magnetic field on peristalsis of copper-water nanomaterial in a non-uniform porous medium. International Journal of Heat and Mass Transfer, 2016, 103, 1133-1143.	2.5	35
148	Phytofabricated gold nanoparticles and their biomedical applications. Biomedicine and Pharmacotherapy, 2017, 89, 414-425.	2.5	35
149	Thermal radiation impact in mixed convective peristaltic flow of third grade nanofluid. Results in Physics, 2017, 7, 3687-3695.	2.0	35
150	A study of second-order q-difference equations with boundary conditions. Advances in Difference Equations, 2012, 2012, .	3.5	34
151	On nonlocal boundary value problems of nonlinear q-difference equations. Advances in Difference Equations, 2012, 2012, .	3.5	34
152	Numerical study for Soret and Dufour effects on mixed convective peristalsis of Oldroyd 8-constants fluid. International Journal of Thermal Sciences, 2017, 112, 68-81.	2.6	34
153	Fractional differential equations involving generalized derivative with Stieltjes and fractional integral boundary conditions. Applied Mathematics Letters, 2018, 84, 111-117.	1.5	34
154	The existence and Ulamâ€“Hyers stability results for $$psi $$-Hilfer fractional integrodifferential equations. Journal of Pseudo-Differential Operators and Applications, 2020, 11, 1757-1780.	0.3	34
155	Green synthesis and biomedicinal applications of silver and gold nanoparticles functionalized with methanolic extract of Mentha longifolia. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 194-203.	1.9	34
156	The monotone iterative technique for impulsive hybrid set valued integro-differential equations. Nonlinear Analysis: Theory, Methods & Applications, 2006, 65, 2260-2276.	0.6	33
157	Existence of approximate solutions of the forced Duffing equation with discontinuous type integral boundary conditions. Nonlinear Analysis: Real World Applications, 2009, 10, 358-367.	0.9	33
158	Existence and Uniqueness of Solutions for Coupled Systems of Higher-Order Nonlinear Fractional Differential Equations. Fixed Point Theory and Applications, 2010, 2010, .	1.1	33
159	New antileishmanial sesquiterpene coumarins from Ferula narthex Boiss. Phytochemistry Letters, 2014, 9, 46-50.	0.6	33
160	Numerical study for slip flow of carbonâ€“water nanofluids. Computer Methods in Applied Mechanics and Engineering, 2017, 319, 366-378.	3.4	33
161	Heat transfer analysis in convective flow of Jeffrey nanofluid by vertical stretchable cylinder. International Communications in Heat and Mass Transfer, 2021, 120, 104965.	2.9	33
162	Influence of induced magnetic field on the peristaltic flow of nanofluid. Meccanica, 2014, 49, 521-534.	1.2	32

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163	Mixed convection flow of nanofluid with Newtonian heating. European Physical Journal Plus, 2014, 129, 1.	1.2	32
164	Passivity analysis of delayed reaction-diffusion Cohen-Grossberg neural networks via Hardy-PoincarÃ¨ inequality. Journal of the Franklin Institute, 2017, 354, 3021-3038.	1.9	32
165	The Bellmanâ€“Kalabaâ€“Lakshmikantham Quasilinearization Method for Neumann Problems. Journal of Mathematical Analysis and Applications, 2001, 257, 356-363.	0.5	31
166	Influences of rotation and thermophoresis on MHD peristaltic transport of Jeffrey fluid with convective conditions and wall properties. Journal of Magnetism and Magnetic Materials, 2016, 410, 89-99.	1.0	31
167	Heat transfer analysis on peristaltic transport of Ree-Eyring fluid in rotating frame. Chinese Journal of Physics, 2017, 55, 1894-1907.	2.0	31
168	Edge-based SEIR dynamics with or without infectious force in latent period on random networks. Communications in Nonlinear Science and Numerical Simulation, 2017, 45, 35-54.	1.7	31
169	Flow of nanofluid by nonlinear stretching velocity. Results in Physics, 2018, 8, 1104-1109.	2.0	31
170	Consequences of variable thermal conductivity and activation energy on peristalsis in curved configuration. Journal of Molecular Liquids, 2018, 263, 258-267.	2.3	31
171	Explicit Iteration and Unique Positive Solution for a Caputo-Hadamard Fractional Turbulent Flow Model. IEEE Access, 2019, 7, 109833-109839.	2.6	31
172	Exergy analysis of Chinese agriculture. Ecological Indicators, 2019, 105, 279-291.	2.6	31
173	Analysis of activation energy and entropy generation in mixed convective peristaltic transport of Sutterby nanofluid. Journal of Thermal Analysis and Calorimetry, 2021, 143, 1867-1880.	2.0	31
174	Existence and uniqueness of solutions for nonlinear fractional differential equations with non-separated type integral boundary conditions. Acta Mathematica Scientia, 2011, 31, 2122-2130.	0.5	30
175	An Existence Theorem for Fractional Hybrid Differential Inclusions of Hadamard Type with Dirichlet Boundary Conditions. Abstract and Applied Analysis, 2014, 2014, 1-7.	0.3	30
176	Nonlocal Fractional Boundary Value Problems with Slit-Strips Boundary Conditions. Fractional Calculus and Applied Analysis, 2015, 18, 261-280.	1.2	30
177	Characteristics of convective heat transfer in the MHD peristalsis of Carreau fluid with Joule heating. AIP Advances, 2016, 6, .	0.6	30
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