Yong Wu

List of Publications by Citations

308 papers	5,504 citations	38 h-index	58 g-index
315 ext. papers	5,957 ext. citations	2 avg, IF	6.35 L-index

#	Paper	IF	Citations
308	A new car-following model accounting for varying road condition. *Nonlinear Dynamics*, **2012**, 70, 1397-1405	3	168
307	Multiple positive solutions of a singular fractional differential equation with negatively perturbed term. *Mathematical and Computer Modelling*, **2012**, 55, 1263-1274		136
306	Positive solutions for a nonlocal fractional differential equation. *Nonlinear Analysis: Theory, Methods & Applications*, **2011**, 74, 3599-3605	1.3	118
305	The uniqueness of positive solution for a fractional order model of turbulent flow in a porous medium. *Applied Mathematics Letters*, **2014**, 37, 26-33	3.5	107
304	A new car-following model with consideration of roadside memorial. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2011**, 375, 3845-3850	2.3	95
303	Nontrivial solutions for a fractional advection dispersion equation in anomalous diffusion. *Applied Mathematics Letters*, **2017**, 66, 1-8	3.5	94
302	The eigenvalue problem for a singular higher order fractional differential equation involving fractional derivatives. *Applied Mathematics and Computation*, **2012**, 218, 8526-8536	2.7	93
301	The iterative solutions of nonlinear fractional differential equations. *Applied Mathematics and Computation*, **2013**, 219, 4680-4691	2.7	89
300	The eigenvalue for a class of singular p-Laplacian fractional differential equations involving the Riemann–Stieltjes integral boundary condition. *Applied Mathematics and Computation*, **2014**, 235, 412-422	2.7	83
299	Existence theorems of global solutions for nonlinear Volterra type integral equations in Banach spaces. *Journal of Mathematical Analysis and Applications*, **2005**, 309, 638-649	1.1	81
298	Positive solutions of an abstract fractional semipositone differential system model for bioprocesses of HIV infection. *Applied Mathematics and Computation*, **2015**, 258, 312-324	2.7	78
297	Local and global existence of mild solutions for a class of nonlinear fractional reaction–diffusion equations with delay. *Applied Mathematics Letters*, **2016**, 61, 73-79	3.5	78
296	The spectral analysis for a singular fractional differential equation with a signed measure. *Applied Mathematics and Computation*, **2015**, 257, 252-263	2.7	76
295	Impact of the honk effect on the stability of traffic flow. *Physica A: Statistical Mechanics and Its Applications*, **2011**, 390, 3362-3368	3.3	76
294	Existence results for multiple positive solutions of nonlinear higher order perturbed fractional differential equations with derivatives. *Applied Mathematics and Computation*, **2012**, 219, 1420-1433	2.7	75
293	An aircraft boarding model accounting for passengers' individual properties. *Transportation Research Part C: Emerging Technologies*, **2012**, 22, 1-16	8.4	74
292	The uniqueness of positive solution for a singular fractional differential system involving derivatives. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 1400-1409	3.7	74

291	Positive solutions to singular fractional differential system with coupled boundary conditions. *Communications in Nonlinear Science and Numerical Simulation*, **2013**, 18, 3061-3074	3.7	69
290	Variational structure and multiple solutions for a fractional advection–dispersion equation. *Computers and Mathematics With Applications*, **2014**, 68, 1794-1805	2.7	63
289	Formulation of fuzzy linear programming problems as four-objective constrained optimization problems. *Applied Mathematics and Computation*, **2003**, 139, 383-399	2.7	63
288	A macro model for traffic flow on road networks with varying road conditions. *Journal of Advanced Transportation*, **2014**, 48, 304-317	1.9	59
287	Exact Iterative Solution for an Abstract Fractional Dynamic System Model for Bioprocess. *Qualitative Theory of Dynamical Systems*, **2017**, 16, 205-222	0.8	55
286	The convergence analysis and error estimation for unique solution of a p-Laplacian fractional differential equation with singular decreasing nonlinearity. *Boundary Value Problems*, **2018**, 2018,	2.1	54
285	Positive solutions for a class of fractional boundary value problem with changing sign nonlinearity. *Nonlinear Analysis: Theory, Methods & Applications*, **2011**, 74, 6434-6441	1.3	52
284	Entire blow-up solutions for a quasilinear p-Laplacian Schrödinger equation with a non-square diffusion term. *Applied Mathematics Letters*, **2017**, 74, 85-93	3.5	51
283	The existence and nonexistence of entire large solutions for a quasilinear Schrödinger elliptic system by dual approach. *Journal of Mathematical Analysis and Applications*, **2018**, 464, 1089-1106	1.1	50
282	The local well-posedness and existence of weak solutions for a generalized Camassa–Holm equation. *Journal of Differential Equations*, **2010**, 248, 2038-2063	2.1	50
281	Existence and asymptotic properties of solutions for a nonlinear Schrödinger elliptic equation from geophysical fluid flows. *Applied Mathematics Letters*, **2019**, 90, 229-237	3.5	50
280	Nonlocal fractional order differential equations with changing-sign singular perturbation. *Applied Mathematical Modelling*, **2015**, 39, 6543-6552	4.5	49
279	Existence of positive solutions for singular fractional differential equations with infinite-point boundary conditions. *Nonlinear Analysis: Modelling and Control*, **2016**, 21, 635-650	1.3	49
278	Existence and uniqueness of global mild solutions for a class of nonlinear fractional reaction–diffusion equations with delay. *Computers and Mathematics With Applications*, **2019**, 78, 1811-1818	2.7	44
277	Optimal control computation for nonlinear systems with state-dependent stopping criteria. *Automatica*, **2012**, 48, 2116-2129	5.7	43
276	Existence and uniqueness of positive solutions for singular fractional differential systems with coupled integral boundary conditions. *Journal of Nonlinear Science and Applications*, **2017**, 10, 243-262	1.9	43
275	Urban traffic from the perspective of dual graph. *European Physical Journal B*, **2008**, 63, 127-133	1.2	42
274	Phase transition and hysteresis in scale-free network traffic. *Physical Review E*, **2007**, 75, 036102	2.4	42

273	CONVERGENCE ANALYSIS OF ITERATIVE SCHEME AND ERROR ESTIMATION OF POSITIVE SOLUTION FOR A FRACTIONAL DIFFERENTIAL EQUATION. *Mathematical Modelling and Analysis*, **2018**, 23, 611-626	1.3	40
272	Positive solutions for singular second order differential equations with integral boundary conditions. *Mathematical and Computer Modelling*, **2013**, 57, 836-847		39
271	Weak and strong coupling in a two-lane asymmetric exclusion process. *Physical Review E*, **2008**, 77, 041128	2.4	39
270	Existence and nonexistence of blow-up solutions for a Schrödinger equation involving a nonlinear operator. *Applied Mathematics Letters*, **2018**, 82, 85-91	3.5	38
269	The existence and uniqueness theorem of the solution to a class of nonlinear fractional order system with time delay. *Applied Mathematics Letters*, **2016**, 53, 45-51	3.5	38
268	Symmetric positive solutions to singular system with multi-point coupled boundary conditions. *Applied Mathematics and Computation*, **2013**, 220, 536-548	2.7	38
267	Bandwidth allocation strategy for traffic systems of scale-free network. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2010**, 374, 4825-4830	2.3	38
266	The effect of bandwidth in scale-free network traffic. *Europhysics Letters*, **2007**, 79, 14003	1.6	38
265	Numerical investigation of steady and unsteady state hopper flows. *Powder Technology*, **2006**, 170, 125-134	3.4	38
264	Positive solutions for nonlinear nth-order singular eigenvalue problem with nonlocal conditions. *Nonlinear Analysis: Theory, Methods & Applications*, **2010**, 73, 1653-1662	1.3	37
263	Positive solutions for second order impulsive differential equations with integral boundary conditions. *Communications in Nonlinear Science and Numerical Simulation*, **2011**, 16, 101-111	3.7	36
262	Iterative unique positive solutions for singular p-Laplacian fractional differential equation system with several parameters. *Nonlinear Analysis: Modelling and Control*, **2018**, 23, 182-203	1.3	36
261	The unique solution of a class of sum mixed monotone operator equations and its application to fractional boundary value problems. *Journal of Nonlinear Science and Applications*, **2016**, 09, 2943-2958	1.9	36
260	Hamiltonian model and dynamic analyses for a hydro-turbine governing system with fractional item and time-lag. *Communications in Nonlinear Science and Numerical Simulation*, **2017**, 47, 35-47	3.7	35
259	Spectral Analysis for a Singular Differential System with Integral Boundary Conditions. *Mediterranean Journal of Mathematics*, **2016**, 13, 4763-4782	0.9	34
258	Second-order nonlinear singular Sturm–Liouville problems with integral boundary conditions. *Applied Mathematics and Computation*, **2009**, 215, 1573-1582	2.7	34
257	Existence and uniqueness of solutions for systems of fractional differential equations with Riemann–Stieltjes integral boundary condition. *Advances in Difference Equations*, **2018**, 2018,	3.6	34
256	The convergence analysis and uniqueness of blow-up solutions for a Dirichlet problem of the general k-Hessian equations. *Applied Mathematics Letters*, **2020**, 102, 106124	3.5	33

255	Existence and asymptotic analysis of positive solutions for a singular fractional differential equation with nonlocal boundary conditions. *Boundary Value Problems*, **2018**, 2018,	2.1	33
254	The existence and uniqueness of positive monotone solutions for a class of nonlinear Schr□inger equations on infinite domains. *Journal of Computational and Applied Mathematics*, **2017**, 321, 478-486	2.4	32
253	Mixed Traffic Flow in Anisotropic Continuum Model. *Transportation Research Record*, **2007**, 1999, 13-22	1.7	32
252	A new exact penalty method for semi-infinite programming problems. *Journal of Computational and Applied Mathematics*, **2014**, 261, 271-286	2.4	31
251	Local and global existence of mild solutions for a class of semilinear fractional integro-differential equations. *Fractional Calculus and Applied Analysis*, **2017**, 20, 1338-1355	2.7	31
250	Simulating the wealth distribution with a Richest-Following strategy on scale-free network. *Physica A: Statistical Mechanics and Its Applications*, **2007**, 381, 467-472	3.3	31
249	The existence and nonexistence of entire large solutions for a quasilinear Schr□inger elliptic system by dual approach. *Applied Mathematics Letters*, **2020**, 100, 106018	3.5	31
248	Finite time blow-up for a thin-film equation with initial data at arbitrary energy level. *Journal of Mathematical Analysis and Applications*, **2018**, 458, 9-20	1.1	30
247	Linear B-spline finite element method for the improved Boussinesq equation. *Journal of Computational and Applied Mathematics*, **2009**, 224, 658-667	2.4	30
246	A unified framework for the pareto law and Matthew effect using scale-free networks. *European Physical Journal B*, **2006**, 53, 273-277	1.2	30
245	Existence and nonexistence of radial solutions of the Dirichlet problem for a class of general k-Hessian equations. *Nonlinear Analysis: Modelling and Control*, **2018**, 23, 475-492	1.3	28
244	A singular fractional Kelvin□Voigt model involving a nonlinear operator and their convergence properties. *Boundary Value Problems*, **2019**, 2019,	2.1	27
243	Entire large solutions for a class of Schr□inger systems with a nonlinear random operator. *Journal of Mathematical Analysis and Applications*, **2015**, 423, 1650-1659	1.1	27
242	Finite time blow-up for a class of parabolic or pseudo-parabolic equations. *Computers and Mathematics With Applications*, **2018**, 75, 3685-3701	2.7	27
241	Dynamic analysis and modelling of a Francis hydro-energy generation system in the load rejection transient. *IET Renewable Power Generation*, **2016**, 10, 1140-1148	2.9	27
240	Global solutions and blow-up phenomena to a shallow water equation. *Journal of Differential Equations*, **2010**, 249, 693-706	2.1	27
239	Phase Separation in a Bidirectional Two-Lane Asymmetric Exclusion Process. *Journal of Statistical Physics*, **2009**, 136, 73-88	1.5	26
238	On the Cauchy problem for a generalized Boussinesq equation. *Journal of Mathematical Analysis and Applications*, **2009**, 353, 186-195	1.1	26

237	Pressure-driven transient flows of Newtonian fluids through microtubes with slip boundary. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 5979-5990	3.3	26
236	The entire large solutions for a quasilinear Schrödinger elliptic equation by the dual approach. *Applied Mathematics Letters*, **2016**, 55, 1-9	3.5	25
235	Infinitely many sign-changing solutions for a class of biharmonic equation withp-Laplacian and Neumann boundary condition. *Applied Mathematics Letters*, **2017**, 73, 128-135	3.5	24
234	New Result on the Critical Exponent for Solution of an Ordinary Fractional Differential Problem. *Journal of Function Spaces*, **2017**, 2017, 1-4	0.8	24
233	Uniqueness of positive solutions for the singular fractional differential equations involving integral boundary value conditions. *Boundary Value Problems*, **2018**, 2018,	2.1	24
232	A Macro Model for Traffic Flow with Consideration of Static Bottleneck. *Communications in Theoretical Physics*, **2012**, 58, 300-306	2.4	24
231	Existence and multiplicity results for nonlinear periodic boundary value problems. *Nonlinear Analysis: Theory, Methods & Applications*, **2010**, 72, 3635-3642	1.3	24
230	Existence and uniqueness of iterative positive solutions for singular Hammerstein integral equations. *Journal of Nonlinear Science and Applications*, **2017**, 10, 3364-3380	1.9	24
229	Existence of positive solutions for a singular nonlinear fractional differential equation with integral boundary conditions involving fractional derivatives. *Boundary Value Problems*, **2018**, 2018,	2.1	23
228	The existence of global strong and weak solutions for the Novikov equation. *Journal of Mathematical Analysis and Applications*, **2013**, 399, 682-691	1.1	23
227	Existence of positive solutions for singular higher-order fractional differential equations with infinite-point boundary conditions. *Boundary Value Problems*, **2016**, 2016,	2.1	23
226	Positive Solutions of Eigenvalue Problems for a Class of Fractional Differential Equations with Derivatives. *Abstract and Applied Analysis*, **2012**, 2012, 1-16	0.7	22
225	Uniqueness of iterative positive solutions for the singular fractional differential equations with integral boundary conditions. *Boundary Value Problems*, **2016**, 2016,	2.1	22
224	Positive solutions for a class of higher-order singular semipositone fractional differential systems with coupled integral boundary conditions and parameters. *Advances in Difference Equations*, **2014**, 2014, 268	3.6	21
223	Analysis of flux flow and the formation of oscillation marks in the continuous caster. *Journal of Engineering Mathematics*, **1999**, 36, 311-326	1.2	21
222	A model containing both the Camassa–Holm and Degasperis–Procesi equations. *Journal of Mathematical Analysis and Applications*, **2011**, 374, 458-469	1.1	20
221	Positive solutions for singular second order three-point boundary value problems. *Nonlinear Analysis: Theory, Methods & Applications*, **2007**, 66, 2756-2766	1.3	20
220	Positive solutions of nonlinear singular two-point boundary value problems for second-order impulsive differential equations. *Applied Mathematics and Computation*, **2008**, 196, 550-562	2.7	20

219	A sufficient and necessary condition of existence of blow-up radial solutions for a k-Hessian equation with a nonlinear operator. *Nonlinear Analysis: Modelling and Control*, **2020**, 25,	1.3	20
218	Global existence and finite time blow-up of solutions for the semilinear pseudo-parabolic equation with a memory term. *Applicable Analysis*, **2019**, 98, 735-755	0.8	20
217	Extremal solutions forp-Laplacian differential systems via iterative computation. *Applied Mathematics Letters*, **2013**, 26, 1151-1158	3.5	19
216	Finite-time stability of a class of nonlinear fractional-order system with the discrete time delay. *International Journal of Systems Science*, **2017**, 48, 984-993	2.3	19
215	Positive solutions of fourth-order nonlinear singular Sturm□iouville eigenvalue problems. *Journal of Mathematical Analysis and Applications*, **2007**, 326, 1212-1224	1.1	19
214	Twin iterative solutions for a fractional differential turbulent flow model. *Boundary Value Problems*, **2016**, 2016,	2.1	18
213	Asymmetric coupling in multi-channel simple exclusion processes. *Journal of Statistical Mechanics: Theory and Experiment*, **2008**, 2008, P07016	1.9	18
212	Positive solutions for a singular second-order three-point boundary value problem. *Applied Mathematics and Computation*, **2008**, 196, 532-541	2.7	18
211	Positive solutions of two-point boundary value problems for systems of nonlinear second-order singular and impulsive differential equations. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 69, 3774-3789	1.3	18
210	Bifurcation analysis for a singular differential system with two parameters via to topological degree theory. *Nonlinear Analysis: Modelling and Control*, **2017**, 2017, 31-50	1.3	18
209	Iterative positive solutions for singular nonlinear fractional differential equation with integral boundary conditions. *Advances in Difference Equations*, **2016**, 2016,	3.6	18
208	Positive solutions for second order impulsive differential equations with Stieltjes integral boundary conditions. *Advances in Difference Equations*, **2012**, 2012, 124	3.6	17
207	The sharp threshold and limiting profile of blow-up solutions for a Davey□tewartson system. *Journal of Differential Equations*, **2011**, 250, 2197-2226	2.1	17
206	A no-tension elastic□lastic model and optimized back-analysis technique for modeling nonlinear mechanical behavior of rock mass in tunneling. *Tunnelling and Underground Space Technology*, **2010**, 25, 279-289	5.7	17
205	Some physical structures for the (2+1) -dimensional Boussinesq water equation with positive and negative exponents. *Computers and Mathematics With Applications*, **2008**, 56, 339-345	2.7	17
204	Existence and uniqueness of positive solution to singular fractional differential equations. *Boundary Value Problems*, **2012**, 2012,	2.1	16
203	Infinite boundary value problems for nth-order nonlinear impulsive integro-differential equations in Banach spaces. *Nonlinear Analysis: Theory, Methods & Applications*, **2007**, 67, 2670-2679	1.3	16
202	On exact travelling wave solutions for two types of nonlinear . *Journal of Computational and Applied Mathematics*, **2008**, 212, 291-299	2.4	16

201	The asymptotic solution of the Cauchy problem for a generalized Boussinesq equation. *Discrete and Continuous Dynamical Systems - Series B*, **2003**, 3, 401-408	1.3	16
200	All traveling wave exact solutions of the variant Boussinesq equations. *Applied Mathematics and Computation*, **2015**, 268, 865-872	2.7	15
199	Positive solutions for singular systems of three-point boundary value problems. *Computers and Mathematics With Applications*, **2007**, 53, 1429-1438	2.7	15
198	Global solutions of nonlinear second-order impulsive integro-differential equations of mixed type in Banach spaces. *Nonlinear Analysis: Theory, Methods & Applications*, **2007**, 67, 2335-2349	1.3	15
197	A numerical study of the turbulent flow of molten steel in a domain with a phase-change boundary. *Journal of Computational and Applied Mathematics*, **2004**, 166, 307-319	2.4	15
196	Positive Solutions forp-Laplacian Fourth-Order Differential System with Integral Boundary Conditions. *Discrete Dynamics in Nature and Society*, **2012**, 2012, 1-19	1.1	14
195	Nontrivial solutions for higher-order m-point boundary value problem with a sign-changing nonlinear term. *Applied Mathematics and Computation*, **2010**, 217, 3792-3800	2.7	14
194	Existence of nontrivial periodic solutions for a nonlinear second order periodic boundary value problem. *Nonlinear Analysis: Theory, Methods & Applications*, **2010**, 72, 3337-3345	1.3	14
193	On positive solutions of an -point nonhomogeneous singular boundary value problem. *Nonlinear Analysis: Theory, Methods & Applications*, **2010**, 73, 2532-2540	1.3	14
192	Unbounded solutions for three-point boundary value problems with nonlinear boundary conditions on. *Nonlinear Analysis: Theory, Methods & Applications*, **2010**, 73, 2923-2932	1.3	14
191	Positive solutions of nonresonance semipositone singular Dirichlet boundary value problems. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 68, 97-108	1.3	14
190	Positive Solutions for Nonlinear nth-Order Singular Nonlocal Boundary Value Problems. *Boundary Value Problems*, **2007**, 2007, 1-10	2.1	14
189	On a nonlinear stefan problem arising in the continuous casting of steel. *Acta Mechanica*, **1994**, 107, 183-198	2.2	14
188	Effect of branchings on blood flow in the system of human coronary arteries. *Mathematical Biosciences and Engineering*, **2012**, 9, 199-214	2.1	14
187	Extremal solutions for p-Laplacian fractional integro-differential equation with integral conditions on infinite intervals via iterative computation. *Advances in Difference Equations*, **2015**, 2015,	3.6	13
186	Iterative algorithm and estimation of solution for a fractional order differential equation. *Boundary Value Problems*, **2016**, 2016,	2.1	13
185	Nontrivial solutions of m-point boundary value problems for singular second-order differential equations with a sign-changing nonlinear term. *Journal of Computational and Applied Mathematics*, **2009**, 224, 373-382	2.4	13
184	Nontrivial solutions of singular fourth-order Sturm□iouville boundary value problems with a sign-changing nonlinear term. *Applied Mathematics and Computation*, **2011**, 217, 6700-6708	2.7	13

183	Oscillation criteria for boundary value problems of high-order partial functional differential equations. *Journal of Computational and Applied Mathematics*, **2007**, 206, 567-577	2.4	13
182	Monotone iterative method for first-order functional difference equations with nonlinear boundary value conditions. *Applied Mathematics and Computation*, **2008**, 203, 266-272	2.7	13
181	Positive solutions for nonlinear fractional semipositone differential equation with nonlocal boundary conditions. *Journal of Nonlinear Science and Applications*, **2016**, 09, 3992-4002	1.9	13
180	Isotonicity of the Metric Projection by Lorentz Cone and Variational Inequalities. *Journal of Optimization Theory and Applications*, **2017**, 173, 117-130	1.6	12
179	Global existence and temporal decay for the 3D compressible Hall-magnetohydrodynamic system. *Journal of Mathematical Analysis and Applications*, **2016**, 438, 285-310	1.1	12
178	Iterative solution to singular nth-order nonlocal boundary value problems. *Boundary Value Problems*, **2015**, 2015,	2.1	12
177	Multiple positive solutions of the singular boundary value problems for second-order differential equations on the half-line. *Nonlinear Analysis: Theory, Methods & Applications*, **2009**, 71, 2564-2575	1.3	12
176	Multiple positive solutions for singular nth-order nonlocal boundary value problems in Banach spaces. *Computers and Mathematics With Applications*, **2011**, 61, 1880-1890	2.7	12
175	A study of transient flows of Newtonian fluids through micro-annuals with a slip boundary. *Journal of Physics A: Mathematical and Theoretical*, **2009**, 42, 065206	2	12
174	On the 2-dimensional dual Minkowski problem. *Journal of Differential Equations*, **2017**, 263, 3230-3243	2.1	11
173	Positive solutions for singular nonlinear fractional differential equation with integral boundary conditions. *Boundary Value Problems*, **2015**, 2015,	2.1	11
172	Optimal feedback control for dynamic systems with state constraints: An exact penalty approach. *Optimization Letters*, **2014**, 8, 1535-1551	1.1	11
171	A sharp threshold of blow-up for coupled nonlinear Schr□dinger equations. *Journal of Physics A: Mathematical and Theoretical*, **2010**, 43, 165205	2	11
170	Decay and scattering of solutions for a generalized Boussinesq equation. *Journal of Differential Equations*, **2009**, 247, 2380-2394	2.1	11
169	Positive solutions for systems of a nonlinear fourth-order singular semipositone boundary value problems. *Applied Mathematics and Computation*, **2010**, 216, 448-457	2.7	11
168	On existence of positive solutions of a two-point boundary value problem for a nonlinear singular semipositone system. *Applied Mathematics and Computation*, **2007**, 192, 223-232	2.7	11
167	Routing on a weighted scale-free network. *Physica A: Statistical Mechanics and Its Applications*, **2008** , 387, 4967-4972	3.3	11
166	Positive solutions of singular boundary value problems for systems of nonlinear fourth order differential equations. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 68, 485-498	1.3	11

165	The global solution of an initial boundary value problem for the damped Boussinesq equation. *Communications on Pure and Applied Analysis*, **2004**, 3, 319-328	1.9	11
164	A scaling invariant regularity criterion for the 3D incompressible magneto-hydrodynamics equations. *Zeitschrift Fur Angewandte Mathematik Und Physik*, **2017**, 68, 1	1.6	10
163	Positive solutions of higher-order nonlinear fractional differential equations with changing-sign measure. *Advances in Difference Equations*, **2012**, 2012, 71	3.6	10
162	Dynamical hysteresis phenomena in complex network traffic. *Physical Review E*, **2009**, 79, 047101	2.4	10
161	Positive solutions for th-order nonlinear impulsive singular integro-differential equations on infinite intervals in Banach spaces. *Nonlinear Analysis: Theory, Methods & Applications*, **2009**, 70, 772-787	1.3	10
160	A finite element method for granular flow through a frictional boundary. *Communications in Nonlinear Science and Numerical Simulation*, **2007**, 12, 486-495	3.7	10
159	Existence of positive solutions for second-order semipositone differential equations on the half-line. *Applied Mathematics and Computation*, **2007**, 185, 628-635	2.7	10
158	On global solution of an initial boundary value problem for a class of damped nonlinear equations. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 69, 4340-4351	1.3	10
157	Positive solutions of singular boundary value problems on the half-line. *Applied Mathematics and Computation*, **2008**, 197, 789-796	2.7	10
156	KINEMATICALLY DETERMINED AXIALLY-SYMMETRIC PLASTIC FLOWS OF METALS AND GRANULAR MATERIALS. *Quarterly Journal of Mechanics and Applied Mathematics*, **1991**, 44, 451-469	1	10
155	Mean-Variance Asset Liability Management with State-Dependent Risk Aversion. *North American Actuarial Journal*, **2017**, 21, 87-106	0.7	9
154	Iterative unique positive solutions for a new class of nonlinear singular higher order fractional differential equations with mixed-type boundary value conditions. *Journal of Inequalities and Applications*, **2019**, 2019,	2.1	9
153	Global exponential stability of nonresident computer virus models. *Nonlinear Analysis: Real World Applications*, **2017**, 34, 149-158	2.1	9
152	Multiple positive solutions of four-point nonlinear boundary value problems for a higher-order -Laplacian operator with all derivatives. *Nonlinear Analysis: Theory, Methods & Applications*, **2009**, 71, 4309-4319	1.3	9
151	An auxiliary equation technique and exact solutions for a nonlinear Klein□Gordon equation. *Chaos, Solitons and Fractals*, **2009**, 41, 82-90	9.3	9
150	The application of the auxiliary equation technique to a generalized mKdV equation with variable coefficients. *Journal of Computational and Applied Mathematics*, **2009**, 223, 75-85	2.4	9
149	An Enthalpy Control Volume Method for Transient Mass and Heat Transport with Solidification. *International Journal of Computational Fluid Dynamics*, **2004**, 18, 577-584	1.2	9
148	Statistical distribution of water-particle velocity below the surface layer for finite water depth. *Coastal Engineering*, **2000**, 40, 1-19	4.8	9

147	Existence and uniqueness of positive solutions for a class of nonlinear fractional differential equations with mixed-type boundary value conditions. *Nonlinear Analysis: Modelling and Control*, **2018**, 24, 73-94	1.3	9
146	All meromorphic solutions of an auxiliary ordinary differential equation and its applications. *Acta Mathematica Scientia*, **2015**, 35, 1241-1250	0.7	8
145	Global Existence and the Optimal Decay Rates for the Three Dimensional Compressible Nematic Liquid Crystal Flow. *Acta Applicandae Mathematicae*, **2017**, 150, 67-80	1.1	8
144	The best approximation theorems and variational inequalities for discontinuous mappings in Banach spaces. *Science China Mathematics*, **2015**, 58, 2581-2592	0.8	8
143	Positive solution of singular fractional differential system with nonlocal boundary conditions. *Advances in Difference Equations*, **2014**, 2014, 323	3.6	8
142	Application of extended Kalman filter to back analysis of the natural stress state accounting for measuring uncertainties. *International Journal for Numerical and Analytical Methods in Geomechanics*, **2011**, 35, 694-712	4	8
141	Positive solutions of a singular boundary value problem for systems of second-order differential equations. *Applied Mathematics and Computation*, **2009**, 208, 511-519	2.7	8
140	Triple positive solutions of a boundary value problem for nonlinear singular second-order differential equations of mixed type with . *Computers and Mathematics With Applications*, **2009**, 58, 1425-1432	2.7	8
139	Practical stability in terms of two measures for discrete hybrid systems. *Nonlinear Analysis: Hybrid Systems*, **2008**, 2, 58-64	4.5	8
138	Properties of wealth distribution in multi-agent systems of a complex network. *Physica A: Statistical Mechanics and Its Applications*, **2008**, 387, 5862-5867	3.3	8
137	Existence of positive solutions for singular higher-order differential equations. *Nonlinear Analysis: Theory, Methods & Applications*, **2008**, 68, 3948-3961	1.3	8
136	Modelling of turbulent flow and multi-phase heat transfer under electromagnetic force. *Discrete and Continuous Dynamical Systems - Series B*, **2007**, 8, 695-706	1.3	8
135	Existence of nontrivial solutions for a system of fractional advection□dispersion equations. *Revista De La Real Academia De Ciencias Exactas, Fisicas Y Naturales - Serie A: Matematicas*, **2019**, 113, 1041-1057	1.6	8
134	Blow-up of solutions for a nonlinear Petrovsky type equation with initial data at arbitrary high energy level. *Boundary Value Problems*, **2019**, 2019,	2.1	7
133	A numerical algorithm for a class of fractional BVPs with p-Laplacian operator and singularity-the convergence and dependence analysis. *Applied Mathematics and Computation*, **2020**, 382, 125339	2.7	7
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131	Existence of weak solutions in lower order Sobolev space for a Camassa□Holm-type equation. *Journal of Physics A: Mathematical and Theoretical*, **2010**, 43, 095205	2	7
130	Multiple solutions of singular three-point boundary value problems on. *Nonlinear Analysis: Theory, Methods & Applications*, **2009**, 70, 3348-3357	1.3	7

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3	Isotonicity of the metric projection with respect to the mutually dual orders and complementarity problems. *Optimization*,1-23	1.2
2	Variance Swap Pricing under Markov-Modulated Jump-Diffusion Model. *Discrete Dynamics in Nature and Society*, **2021**, 2021, 1-16	1.1
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