

# Ji-Huan He

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3178663/publications.pdf>

Version: 2024-02-01

515  
papers

39,888  
citations

5248

83  
h-index

3312

184  
g-index

538  
all docs

538  
docs citations

538  
times ranked

7747  
citing authors

#	ARTICLE	IF	CITATIONS
1	Homotopy perturbation technique. Computer Methods in Applied Mechanics and Engineering, 1999, 178, 257-262.	3.4	2,547
2	Variational iteration method “a kind of non-linear analytical technique: some examples. International Journal of Non-Linear Mechanics, 1999, 34, 699-708.	1.4	1,876
3	SOME ASYMPTOTIC METHODS FOR STRONGLY NONLINEAR EQUATIONS. International Journal of Modern Physics B, 2006, 20, 1141-1199.	1.0	1,745
4	Exp-function method for nonlinear wave equations. Chaos, Solitons and Fractals, 2006, 30, 700-708.	2.5	1,519
5	A coupling method of a homotopy technique and a perturbation technique for non-linear problems. International Journal of Non-Linear Mechanics, 2000, 35, 37-43.	1.4	1,396
6	Homotopy perturbation method: a new nonlinear analytical technique. Applied Mathematics and Computation, 2003, 135, 73-79.	1.4	1,218
7	Approximate analytical solution for seepage flow with fractional derivatives in porous media. Computer Methods in Applied Mechanics and Engineering, 1998, 167, 57-68.	3.4	1,017
8	Application of homotopy perturbation method to nonlinear wave equations. Chaos, Solitons and Fractals, 2005, 26, 695-700.	2.5	968
9	Homotopy perturbation method for solving boundary value problems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 350, 87-88.	0.9	869
10	Variational iteration method for autonomous ordinary differential systems. Applied Mathematics and Computation, 2000, 114, 115-123.	1.4	826
11	Variational iteration method“Some recent results and new interpretations. Journal of Computational and Applied Mathematics, 2007, 207, 3-17.	1.1	679
12	The homotopy perturbation method for nonlinear oscillators with discontinuities. Applied Mathematics and Computation, 2004, 151, 287-292.	1.4	675
13	Construction of solitary solution and compacton-like solution by variational iteration method. Chaos, Solitons and Fractals, 2006, 29, 108-113.	2.5	556
14	Variational principles for some nonlinear partial differential equations with variable coefficients. Chaos, Solitons and Fractals, 2004, 19, 847-851.	2.5	537
15	Homotopy Perturbation Method for Bifurcation of Nonlinear Problems. International Journal of Nonlinear Sciences and Numerical Simulation, 2005, 6, .	0.4	536
16	Variational iteration method: New development and applications. Computers and Mathematics With Applications, 2007, 54, 881-894.	1.4	536
17	ADDENDUM: NEW INTERPRETATION OF HOMOTOPY PERTURBATION METHOD. International Journal of Modern Physics B, 2006, 20, 2561-2568.	1.0	506
18	A new approach to nonlinear partial differential equations. Communications in Nonlinear Science and Numerical Simulation, 1997, 2, 230-235.	1.7	471

#	ARTICLE	IF	CITATIONS
19	Comparison of homotopy perturbation method and homotopy analysis method. Applied Mathematics and Computation, 2004, 156, 527-539.	1.4	443
20	New periodic solutions for nonlinear evolution equations using Exp-function method. Chaos, Solitons and Fractals, 2007, 34, 1421-1429.	2.5	391
21	AN ELEMENTARY INTRODUCTION TO RECENTLY DEVELOPED ASYMPTOTIC METHODS AND NANOMECHANICS IN TEXTILE ENGINEERING. International Journal of Modern Physics B, 2008, 22, 3487-3578.	1.0	389
22	A Tutorial Review on Fractal Spacetime and Fractional Calculus. International Journal of Theoretical Physics, 2014, 53, 3698-3718.	0.5	369
23	Fractal calculus and its geometrical explanation. Results in Physics, 2018, 10, 272-276.	2.0	365
24	Approximate solution of nonlinear differential equations with convolution product nonlinearities. Computer Methods in Applied Mechanics and Engineering, 1998, 167, 69-73.	3.4	358
25	Variational approach for nonlinear oscillators. Chaos, Solitons and Fractals, 2007, 34, 1430-1439.	2.5	319
26	Variational iteration method for delay differential equations. Communications in Nonlinear Science and Numerical Simulation, 1997, 2, 235-236.	1.7	293
27	Modified Lindstedt-Poincare methods for some strongly non-linear oscillations. International Journal of Non-Linear Mechanics, 2002, 37, 309-314.	1.4	287
28	Geometrical explanation of the fractional complex transform and derivative chain rule for fractional calculus. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 257-259.	0.9	286
29	Limit cycle and bifurcation of nonlinear problems. Chaos, Solitons and Fractals, 2005, 26, 827-833.	2.5	257
30	Preliminary report on the energy balance for nonlinear oscillations. Mechanics Research Communications, 2002, 29, 107-111.	1.0	255
31	Two-scale mathematics and fractional calculus for thermodynamics. Thermal Science, 2019, 23, 2131-2133.	0.5	233
32	New promises and future challenges of fractal calculus: From two-scale thermodynamics to fractal variational principle. Thermal Science, 2020, 24, 659-681.	0.5	217
33	Solitary solutions, periodic solutions and compacton-like solutions using the Exp-function method. Computers and Mathematics With Applications, 2007, 54, 966-986.	1.4	206
34	Asymptotology by homotopy perturbation method. Applied Mathematics and Computation, 2004, 156, 591-596.	1.4	184
35	Hamiltonian approach to nonlinear oscillators. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2312-2314.	0.9	182
36	On two-scale dimension and its applications. Thermal Science, 2019, 23, 1707-1712.	0.5	177

#	ARTICLE	IF	CITATIONS
37	A simple perturbation approach to Blasius equation. Applied Mathematics and Computation, 2003, 140, 217-222.	1.4	176
38	Semi-Inverse Method of Establishing Generalized Variational Principles for Fluid Mechanics With Emphasis on Turbomachinery Aerodynamics. International Journal of Turbo and Jet Engines, 1997, 14, .	0.3	173
39	EXP-function method and its application to nonlinear equations. Chaos, Solitons and Fractals, 2008, 38, 903-910.	2.5	172
40	Controlling numbers and sizes of beads in electrospun nanofibers. Polymer International, 2008, 57, 632-636.	1.6	168
41	Laplace transform: Making the variational iteration method easier. Applied Mathematics Letters, 2019, 92, 134-138.	1.5	160
42	Fractional Complex Transform for Fractional Differential Equations. Mathematical and Computational Applications, 2010, 15, 970-973.	0.7	157
43	Modified Lindstedt-Poincare methods for some strongly non-linear oscillations. International Journal of Non-Linear Mechanics, 2002, 37, 315-320.	1.4	155
44	Asymptotic Methods for Solitary Solutions and Compactons. Abstract and Applied Analysis, 2012, 2012, 1-130.	0.3	154
45	Lattice Boltzmann modeling of the effective thermal conductivity for fibrous materials. International Journal of Thermal Sciences, 2007, 46, 848-855.	2.6	153
46	The simplest approach to nonlinear oscillators. Results in Physics, 2019, 15, 102546.	2.0	148
47	Generalized solitary solution and compacton-like solution of the Jaulent-Miodek equations using the Exp-function method. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 1044-1047.	0.9	142
48	An approximate solution technique depending on an artificial parameter: A special example. Communications in Nonlinear Science and Numerical Simulation, 1998, 3, 92-97.	1.7	140
49	Nano-effects, quantum-like properties in electrospun nanofibers. Chaos, Solitons and Fractals, 2007, 33, 26-37.	2.5	139
50	Bubble-electrospinning for fabricating nanofibers. Polymer, 2009, 50, 5846-5850.	1.8	139
51	Review on fiber morphology obtained by bubble electrospinning and blown bubble spinning. Thermal Science, 2012, 16, 1263-1279.	0.5	138
52	Cantor-type cylindrical-coordinate method for differential equations with local fractional derivatives. Physics Letters, Section A: General, Atomic and Solid State Physics, 2013, 377, 1696-1700.	0.9	134
53	An elementary introduction to the homotopy perturbation method. Computers and Mathematics With Applications, 2009, 57, 410-412.	1.4	133
54	Silk-Based Biomaterials in Biomedical Textiles and Fiber-Based Implants. Advanced Healthcare Materials, 2015, 4, 1134-1151.	3.9	130

#	ARTICLE	IF	CITATIONS
55	TAYLOR SERIES SOLUTION FOR FRACTAL BRATU-TYPE EQUATION ARISING IN ELECTROSPINNING PROCESS. <i>Fractals</i> , 2020, 28, 2050011.	1.8	129
56	The simpler, the better: Analytical methods for nonlinear oscillators and fractional oscillators. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2019, 38, 1252-1260.	1.3	127
57	Variational iteration method for solving integro-differential equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 367, 188-191.	0.9	121
58	Periodic solutions and bifurcations of delay-differential equations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2005, 347, 228-230.	0.9	120
59	Lagrange crisis and generalized variational principle for 3D unsteady flow. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 1189-1196.	1.6	120
60	A variational principle for a thin film equation. <i>Journal of Mathematical Chemistry</i> , 2019, 57, 2075-2081.	0.7	119
61	Nonlinear oscillator with discontinuity by parameter-expansion method. <i>Chaos, Solitons and Fractals</i> , 2008, 35, 688-691.	2.5	116
62	A FRACTAL VARIATIONAL THEORY FOR ONE-DIMENSIONAL COMPRESSIBLE FLOW IN A MICROGRAVITY SPACE. <i>Fractals</i> , 2020, 28, 2050024.	1.8	116
63	Taylor series solution for Laneâ€œEmden equation. <i>Journal of Mathematical Chemistry</i> , 2019, 57, 1932-1934.	0.7	114
64	A new fractal derivation. <i>Thermal Science</i> , 2011, 15, 145-147.	0.5	113
65	Homotopy perturbation method for nonlinear oscillators with coordinate-dependent mass. <i>Results in Physics</i> , 2018, 10, 270-271.	2.0	113
66	Homotopy perturbation method for Fangzhu oscillator. <i>Journal of Mathematical Chemistry</i> , 2020, 58, 2245-2253.	0.7	113
67	Ï Review on Some New Recently Developed Nonlinear Analytical Techniques. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2000, 1, .	0.4	112
68	Critical length of straight jet in electrospinning. <i>Polymer</i> , 2005, 46, 12637-12640.	1.8	110
69	Variational principle and periodic solution of the Kunduâ€œMukherjeeâ€œNaskar equation. <i>Results in Physics</i> , 2020, 17, 103031.	2.0	108
70	A short remark on fractional variational iteration method. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2011, 375, 3362-3364.	0.9	107
71	Homotopy perturbation method with two expanding parameters. <i>Indian Journal of Physics</i> , 2014, 88, 193-196.	0.9	103
72	Effect of LiCl on electrospinning of PAN polymer solution: theoretical analysis and experimental verification. <i>Polymer</i> , 2004, 45, 6409-6413.	1.8	102

#	ARTICLE	IF	CITATIONS
73	Variational approach to $n$ -dimensional dispersive long wave equations. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 335, 182-184.	0.9	101
74	Homotopy Perturbation Method for the Fractal Toda Oscillator. Fractal and Fractional, 2021, 5, 93.	1.6	100
75	Solitary waves travelling along an unsmooth boundary. Results in Physics, 2021, 24, 104104.	2.0	98
76	BioMimic fabrication of electrospun nanofibers with high-throughput. Chaos, Solitons and Fractals, 2008, 37, 643-651.	2.5	97
77	A simple approach to one-dimensional convection-diffusion equation and its fractional modification for E reaction arising in rotating disk electrodes. Journal of Electroanalytical Chemistry, 2019, 854, 113565.	1.9	96
78	FRACTAL CALCULLUS AND ITS APPLICATION TO EXPLANATION OF BIOMECHANISM OF POLAR BEAR HAIRS. Fractals, 2018, 26, 1850086.	1.8	92
79	Variational approach to the Lane-Emden equation. Applied Mathematics and Computation, 2003, 143, 539-541.	1.4	91
80	Ultrafine and polar ZrO <sub>2</sub> -inlaid porous nitrogen-doped carbon nanofiber as efficient polysulfide absorbent for high-performance lithium-sulfur batteries with long lifespan. Chemical Engineering Journal, 2018, 349, 376-387.	6.6	91
81	Iteration Perturbation Method for Strongly Nonlinear Oscillations. JVC/Journal of Vibration and Control, 2001, 7, 631-642.	1.5	89
82	Effect of concentration on electrospun polyacrylonitrile (PAN) nanofibers. Fibers and Polymers, 2008, 9, 140-142.	1.1	88
83	Homotopy perturbation method with an auxiliary parameter for nonlinear oscillators. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1540-1554.	1.3	88
84	Determination of Limit Cycles for Strongly Nonlinear Oscillators. Physical Review Letters, 2003, 90, 174301.	2.9	86
85	Exp-function Method for Fractional Differential Equations. International Journal of Nonlinear Sciences and Numerical Simulation, 2013, 14, 363-366.	0.4	84
86	Glass fiber separator-coated by porous carbon nanofiber derived from immiscible PAN/PMMA for high-performance lithium-sulfur batteries. Journal of Membrane Science, 2018, 552, 31-42.	4.1	83
87	Converting fractional differential equations into partial differential equations. Thermal Science, 2012, 16, 331-334.	0.5	82
88	Nanoscale adhesion and attachment oscillation under the geometric potential. Part 1: The formation mechanism of nanofiber membrane in the electrospinning. Results in Physics, 2019, 12, 1405-1410.	2.0	82
89	LI-HE'S MODIFIED HOMOTOPY PERTURBATION METHOD FOR DOUBLY-CLAMPED ELECTRICALLY ACTUATED MICROBEAMS-BASED MICROELECTROMECHANICAL SYSTEM. Facta Universitatis, Series: Mechanical Engineering, 2021, 19, 601.	2.3	80
90	THE ENHANCED HOMOTOPY PERTURBATION METHOD FOR AXIAL VIBRATION OF STRINGS. Facta Universitatis, Series: Mechanical Engineering, 2021, 19, 735.	2.3	80

#	ARTICLE	IF	CITATIONS
91	A short review on analytical methods for a fully fourth-order nonlinear integral boundary value problem with fractal derivatives. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 4933-4943.	1.6	79
92	The variational iteration method for eighth-order initial-boundary value problems. <i>Physica Scripta</i> , 2007, 76, 680-682.	1.2	78
93	A general numerical algorithm for nonlinear differential equations by the variational iteration method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 4797-4810.	1.6	78
94	Bookkeeping Parameter in Perturbation Methods. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2001, 2, .	0.4	76
95	Three-dimensional effect on the effective thermal conductivity of porous media. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 260-265.	1.3	75
96	A fractal Boussinesq equation for nonlinear transverse vibration of a nanofiber-reinforced concrete pillar. <i>Applied Mathematical Modelling</i> , 2020, 82, 437-448.	2.2	74
97	The reducing rank method to solve third-order Duffing equation with the homotopy perturbation. <i>Numerical Methods for Partial Differential Equations</i> , 2021, 37, 1800-1808.	2.0	74
98	LOW FREQUENCY PROPERTY OF A FRACTAL VIBRATION MODEL FOR A CONCRETE BEAM. <i>Fractals</i> , 2021, 29, 2150117.	1.8	74
99	Scaling law in electrospinning: relationship between electric current and solution flow rate. <i>Polymer</i> , 2005, 46, 2799-2801.	1.8	73
100	Comment on He's frequency formulation for nonlinear oscillators™. <i>European Journal of Physics</i> , 2008, 29, L19-L22.	0.3	73
101	Homotopy perturbation method with three expansions. <i>Journal of Mathematical Chemistry</i> , 2021, 59, 1139-1150.	0.7	72
102	Approximate analytical solution of Blasius' equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1998, 3, 260-263.	1.7	71
103	A new iteration method for solving algebraic equations. <i>Applied Mathematics and Computation</i> , 2003, 135, 81-84.	1.4	71
104	An iteration formulation for normalized diode characteristics. <i>International Journal of Circuit Theory and Applications</i> , 2004, 32, 629-632.	1.3	71
105	Homotopy Perturbation Method with an Auxiliary Term. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-7.	0.3	70
106	FRACTAL OSCILLATION AND ITS FREQUENCY-AMPLITUDE PROPERTY. <i>Fractals</i> , 2021, 29, 2150105.	1.8	70
107	TWO-SCALE FRACTAL THEORY FOR THE POPULATION DYNAMICS. <i>Fractals</i> , 2021, 29, .	1.8	70
108	Geometric potential: An explanation of nanofiber's wettability. <i>Thermal Science</i> , 2018, 22, 33-38.	0.5	70

#	ARTICLE	IF	CITATIONS
109	Mathematical models for continuous electrospun nanofibers and electrospun nanoporous microspheres. <i>Polymer International</i> , 2007, 56, 1323-1329.	1.6	69
110	Hybridization of homotopy perturbation method and Laplace transformation for the partial differential equations. <i>Thermal Science</i> , 2017, 21, 1843-1846.	0.5	69
111	Amplitude-Frequency Relationship for Conservative Nonlinear Oscillators with Odd Nonlinearities. <i>International Journal of Applied and Computational Mathematics</i> , 2017, 3, 1557-1560.	0.9	68
112	A fractal modification of the surface coverage model for an electrochemical arsenic sensor. <i>Electrochimica Acta</i> , 2019, 296, 491-493.	2.6	68
113	Periodic property of the time-fractional Kunduâ€Mukherjeeâ€Naskar equation. <i>Results in Physics</i> , 2020, 19, 103345.	2.0	68
114	VARIATIONAL APPROACH TO FRACTAL SOLITARY WAVES. <i>Fractals</i> , 2021, 29, .	1.8	68
115	The fastest insight into the large amplitude vibration of a string. <i>Reports in Mechanical Engineering</i> , 2021, 2, 1-5.	4.9	67
116	A TUTORIAL INTRODUCTION TO THE TWO-SCALE FRACTAL CALCULUS AND ITS APPLICATION TO THE FRACTAL ZHIBERâ€SHABAT OSCILLATOR. <i>Fractals</i> , 2021, 29, .	1.8	66
117	Variational iteration method for Bratu-like equation arising in electrospinning. <i>Carbohydrate Polymers</i> , 2014, 105, 229-230.	5.1	65
118	HAMILTONIAN-BASED FREQUENCY-AMPLITUDE FORMULATION FOR NONLINEAR OSCILLATORS. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2021, 19, 199.	2.3	65
119	On fractal space-time and fractional calculus. <i>Thermal Science</i> , 2016, 20, 773-777.	0.5	65
120	Fractional calculus for nanoscale flow and heat transfer. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2014, 24, 1227-1250.	1.6	64
121	A Simple Frequency Formulation for the Tangent Oscillator. <i>Axioms</i> , 2021, 10, 320.	0.9	61
122	Some new approaches to Duffing equation with strongly and high order nonlinearity (II) parametrized perturbation technique. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 81-83.	1.7	60
123	Solution of nonlinear equations by an ancient Chinese algorithm. <i>Applied Mathematics and Computation</i> , 2004, 151, 293-297.	1.4	60
124	Controlling stability of the electrospun fiber by magnetic field. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 5-7.	2.5	59
125	Periodic Property and Instability of a Rotating Pendulum System. <i>Axioms</i> , 2021, 10, 191.	0.9	59
126	Coupled variational principles of piezoelectricity. <i>International Journal of Engineering Science</i> , 2001, 39, 323-341.	2.7	58



#	ARTICLE	IF	CITATIONS
127	Effect on temperature on surface tension of a bubble and hierarchical ruptured bubbles for nanofiber fabrication. <i>Thermal Science</i> , 2012, 16, 327-330.	0.5	58
128	A lotus effect-inspired flexible and breathable membrane with hierarchical electrospinning micro/nanofibers and ZnO nanowires. <i>Materials and Design</i> , 2019, 162, 246-248.	3.3	58
129	A modified Li-He's variational principle for plasma. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2021, 31, 1369-1372.	1.6	58
130	Allometric scaling for voltage and current in electrospinning. <i>Polymer</i> , 2004, 45, 6731-6734.	1.8	57
131	Exact solutions of time-fractional heat conduction equation by the fractional complex transform. <i>Thermal Science</i> , 2012, 16, 335-338.	0.5	57
132	On a strong minimum condition of a fractal variational principle. <i>Applied Mathematics Letters</i> , 2021, 119, 107199.	1.5	57
133	Non-ionic surfactants for enhancing electrospinnability and for the preparation of electrospun nanofibers. <i>Polymer International</i> , 2008, 57, 1079-1082.	1.6	56
134	Seeing with a single scale is always unbelieving from magic to two-scale fractal. <i>Thermal Science</i> , 2021, 25, 1217-1219.	0.5	56
135	Beyond Adomian method: The variational iteration method for solving heat-like and wave-like equations with variable coefficients. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2008, 372, 233-237.	0.9	55
136	THE FRACTIONAL COMPLEX TRANSFORM: A NOVEL APPROACH TO THE TIME-FRACTIONAL SCHRÖDINGER EQUATION. <i>Fractals</i> , 2020, 28, 2050141.	1.8	55
137	He's Laplace variational iteration method for solving the nonlinear equations arising in chemical kinetics and population dynamics. <i>Journal of Mathematical Chemistry</i> , 2021, 59, 1234-1245.	0.7	55
138	Self-assembly of macromolecules in a long and narrow tube. <i>Thermal Science</i> , 2018, 22, 1659-1664.	0.5	55
139	On the Kubelka-Munk absorption coefficient. <i>Dyes and Pigments</i> , 2016, 127, 187-188.	2.0	54
140	Snail-based nanofibers. <i>Materials Letters</i> , 2018, 220, 5-7.	1.3	54
141	Nonlinear instability of two streaming-superposed magnetic Reiner-Rivlin Fluids by He-Laplace method. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115388.	1.9	54
142	Newton-like iteration method for solving algebraic equations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1998, 3, 106-109.	1.7	53
143	Micro sphere with nanoporosity by electrospinning. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 1096-1100.	2.5	53
144	Apparatus for preparing electrospun nanofibres: A comparative review. <i>Materials Science and Technology</i> , 2010, 26, 1275-1287.	0.8	53

#	ARTICLE	IF	CITATIONS
145	Allometric Scaling and Instability in Electrospinning. International Journal of Nonlinear Sciences and Numerical Simulation, 2004, 5, .	0.4	52
146	Homotopy perturbation method for N/MEMS oscillators. Mathematical Methods in the Applied Sciences, 0, , .	1.2	52
147	Application of Vibration Technology to Polymer Electrospinning. International Journal of Nonlinear Sciences and Numerical Simulation, 2004, 5, .	0.4	51
148	A generalized variational principle in micromorphic thermoelasticity. Mechanics Research Communications, 2005, 32, 93-98.	1.0	51
149	Hamilton's principle for dynamical elasticity. Applied Mathematics Letters, 2017, 72, 65-69.	1.5	51
150	A new fractional derivative and its application to explanation of polar bear hairs. Journal of King Saud University - Science, 2016, 28, 190-192.	1.6	50
151	Taylor series solution for a third order boundary value problem arising in Architectural Engineering. Ain Shams Engineering Journal, 2020, 11, 1411-1414.	3.5	50
152	Carbon nanotube reinforced polyacrylonitrile nanofibers by vibration electrospinning. Polymer International, 2007, 56, 1367-1370.	1.6	49
153	Generalized variational principles for buckling analysis of circular cylinders. Acta Mechanica, 2020, 231, 899-906.	1.1	48
154	Air permeability of nanofiber membrane with hierarchical structure. Thermal Science, 2018, 22, 1637-1643.	0.5	48
155	THE PRINCIPLE OF BUBBLE ELECTROSPINNING AND ITS EXPERIMENTAL VERIFICATION. Journal of Polymer Engineering, 2008, 28, .	0.6	47
156	Analysis of nonlinear vibration of nano/microelectromechanical system switch induced by electromagnetic force under zero initial conditions. AEJ - Alexandria Engineering Journal, 2020, 59, 4343-4352.	3.4	46
157	What factors affect lotus effect?. Thermal Science, 2018, 22, 1737-1743.	0.5	45
158	Active generation of multiple jets for producing nanofibres with high quality and high throughput. Materials and Design, 2016, 94, 496-501.	3.3	44
159	Vibrorheological effect on electrospun polyacrylonitrile (PAN) nanofibers. Materials Letters, 2006, 60, 3296-3300.	1.3	43
160	Needle-disk electrospinning inspired by natural point discharge. Journal of Materials Science, 2017, 52, 1823-1830.	1.7	43
161	Sudden solvent evaporation in bubble electrospinning for fabrication of unsmooth nanofibers. Thermal Science, 2017, 21, 1827-1832.	0.5	43
162	The homotopy perturbation method for fractional differential equations: part 1 Mohand transform. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 3490-3504.	1.6	43

#	ARTICLE	IF	CITATIONS
163	Hamilton Principle and Generalized Variational Principles of Linear Thermopiezoelectricity. Journal of Applied Mechanics, Transactions ASME, 2001, 68, 666-667.	1.1	43
164	Nonlinear Dynamics and the Nobel Prize in Physics. International Journal of Nonlinear Sciences and Numerical Simulation, 2007, 8, 1-4.	0.4	42
165	Generalized equilibrium equations for shell derived from a generalized variational principle. Applied Mathematics Letters, 2017, 64, 94-100.	1.5	42
166	Electrospun Jets Number and Nanofiber Morphology Effected by Voltage Value: Numerical Simulation and Experimental Verification. Nanoscale Research Letters, 2019, 14, 310.	3.1	42
167	Application of E-infinity theory to biology. Chaos, Solitons and Fractals, 2006, 28, 285-289.	2.5	41
168	Strength of bubble walls and the Hallâ€™Petch effect in bubble-spinning. Textile Reseach Journal, 2019, 89, 1340-1344.	1.1	41
169	Polydopamine-Inspired Design and Synthesis of Visible-Light-Driven Ag NPs@C@elongated TiO <sub>2</sub> NTs Coreâ€™Shell Nanocomposites for Sustainable Hydrogen Generation. ACS Sustainable Chemistry and Engineering, 2019, 7, 558-568.	3.2	41
170	A fractal modification of Chenâ€™Leeâ€™Liu equation and its fractal variational principle. International Journal of Modern Physics B, 2021, 35, 2150214.	1.0	41
171	Allometric scaling law in conductive polymer. Polymer, 2004, 45, 9067-9070.	1.8	40
172	A Nonlinear Dynamic Model for Two-Strand Yarn Spinning. Textile Reseach Journal, 2005, 75, 181-184.	1.1	40
173	Tunable surface morphology of electrospun PMMA fiber using binary solvent. Applied Surface Science, 2016, 364, 516-521.	3.1	40
174	HALLâ€™PETCH EFFECT AND INVERSE HALLâ€™PETCH EFFECT: A FRACTAL UNIFICATION. Fractals, 2018, 26, 1850083.	1.8	40
175	Heâ€™s multiple scales method for nonlinear vibrations. Journal of Low Frequency Noise Vibration and Active Control, 2019, 38, 1708-1712.	1.3	40
176	<i>Fangzhu</i> (æ–¹è): An ancient Chinese nanotechnology for water collection from air: History, mathematical insight, promises, and challenges. Mathematical Methods in the Applied Sciences, 0, , .	1.2	40
177	Chaotic Fractals at the Root of Relativistic Quantum Physics and Cosmology. International Journal of Modern Nonlinear Theory and Application, 2013, 02, 78-88.	0.1	40
178	Variational Principle for Nano Thin Film Lubrication. International Journal of Nonlinear Sciences and Numerical Simulation, 2003, 4, .	0.4	39
179	He Chengtian's inequality and its applications. Applied Mathematics and Computation, 2004, 151, 887-891.	1.4	39
180	Biomimic design of multi-scale fabric with efficient heat transfer property. Thermal Science, 2012, 16, 1349-1352.	0.5	38

#	ARTICLE	IF	CITATIONS
181	Fractional model for heat conduction in polar bear hairs. <i>Thermal Science</i> , 2012, 16, 339-342.	0.5	38
182	Solvent evaporation in a binary solvent system for controllable fabrication of porous fibers by electrospinning. <i>Thermal Science</i> , 2017, 21, 1821-1825.	0.5	38
183	Variational approach to the sixth-order boundary value problems. <i>Applied Mathematics and Computation</i> , 2003, 143, 537-538.	1.4	37
184	On the semi-inverse method and variational principle. <i>Thermal Science</i> , 2013, 17, 1565-1568.	0.5	37
185	Silkworm-based silk fibers by electrospinning. <i>Results in Physics</i> , 2019, 15, 102646.	2.0	37
186	Linearized perturbation technique and its applications to strongly nonlinear oscillators. <i>Computers and Mathematics With Applications</i> , 2003, 45, 1-8.	1.4	36
187	Twenty-six dimensional polytope and high energy spacetime physics. <i>Chaos, Solitons and Fractals</i> , 2007, 33, 5-13.	2.5	36
188	Macromolecular electrospinning: Basic concept & preliminary experiment. <i>Results in Physics</i> , 2018, 11, 740-742.	2.0	36
189	Homotopy Perturbation Method for the Attachment Oscillator Arising in Nanotechnology. <i>Fibers and Polymers</i> , 2021, 22, 1601-1606.	1.1	36
190	Variational approach to the Thomasâ€™ Fermi equation. <i>Applied Mathematics and Computation</i> , 2003, 143, 533-535.	1.4	35
191	Electrospun Nanoporous Spheres with Chinese Drug. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2007, 8, .	0.4	35
192	Variational principle for two-dimensional incompressible inviscid flow. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2007, 371, 39-40.	0.9	35
193	A remark on Samuelsonâ€™s variational principle in economics. <i>Applied Mathematics Letters</i> , 2018, 84, 143-147.	1.5	35
194	On the cross-section of shaped fibers in the dry spinning process: Physical explanation by the geometric potential theory. <i>Results in Physics</i> , 2019, 14, 102347.	2.0	35
195	A FRACTAL TWO-PHASE FLOW MODEL FOR THE FIBER MOTION IN A POLYMER FILLING PROCESS. <i>Fractals</i> , 2020, 28, 2050093.	1.8	35
196	PASSIVE ATMOSPHERIC WATER HARVESTING UTILIZING AN ANCIENT CHINESE INK SLAB. <i>Facta Universitatis, Series: Mechanical Engineering</i> , 2021, 19, 229.	2.3	35
197	Stability of three degrees-of-freedom auto-parametric system. <i>AJ - Alexandria Engineering Journal</i> , 2022, 61, 8393-8415.	3.4	35
198	Electrospinning of high-molecule PEO solution. <i>Journal of Applied Polymer Science</i> , 2007, 103, 3840-3843.	1.3	34

#	ARTICLE	IF	CITATIONS
199	Fabrication and characterization of ZrO <sub>2</sub> nanofibers by critical bubble electrospinning for high-temperature-resistant adsorption and separation. <i>Adsorption Science and Technology</i> , 2019, 37, 425-437.	1.5	34
200	Geometrical potential and nanofiber membrane's highly selective adsorption property. <i>Adsorption Science and Technology</i> , 2019, 37, 367-388.	1.5	34
201	Gecko-like adhesion in the electrospinning process. <i>Results in Physics</i> , 2020, 16, 102899.	2.0	34
202	Approximate analytical solution of Blasius' equation. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 75-78.	1.7	33
203	A novel model for allometric scaling laws for different organs. <i>Chaos, Solitons and Fractals</i> , 2006, 27, 1108-1114.	2.5	33
204	Macromolecule Orientation in Nanofibers. <i>Nanomaterials</i> , 2018, 8, 918.	1.9	33
205	Higher-order homotopy perturbation method for conservative nonlinear oscillators generally and microelectromechanical systems' oscillators particularly. <i>International Journal of Modern Physics B</i> , 2020, 34, 2050313.	1.0	33
206	Homotopy perturbation method with three expansions for Helmholtz-Fangzhu oscillator. <i>International Journal of Modern Physics B</i> , 2021, 35, .	1.0	33
207	Nanoscale multi-phase flow and its application to control nanofiber diameter. <i>Thermal Science</i> , 2018, 22, 43-46.	0.5	33
208	Blown bubble-spinning for fabrication of superfine fibers. <i>Thermal Science</i> , 2012, 16, 1465-1466.	0.5	32
209	Mini-review on Bubble spinning process for mass-production of nanofibers. <i>Revista Materia</i> , 2014, 19, 325-343.	0.1	32
210	TiO <sub>2</sub> nanotube arrays decorated with Au and Bi <sub>2</sub> S <sub>3</sub> nanoparticles for efficient Fe <sup>3+</sup> ions detection and dye photocatalytic degradation. <i>Journal of Materials Science and Technology</i> , 2020, 39, 28-38.	5.6	32
211	Error Estimation of the Homotopy Perturbation Method to Solve Second Kind Volterra Integral Equations with Piecewise Smooth Kernels: Application of the CADNA Library. <i>Symmetry</i> , 2020, 12, 1730.	1.1	32
212	Improvement of air permeability of Bubble nanofiber membrane. <i>Thermal Science</i> , 2018, 22, 17-21.	0.5	32
213	A Modified Perturbation Technique Depending Upon an Artificial Parameter. <i>Meccanica</i> , 2000, 35, 299-311.	1.2	31
214	Variational theory for one-dimensional longitudinal beam dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2006, 352, 276-277.	0.9	31
215	Notes on the optimal variational iteration method. <i>Applied Mathematics Letters</i> , 2012, 25, 1579-1581.	1.5	31
216	Variational multi-scale finite element method for the two-phase flow of polymer melt filling process. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , 2020, 30, 1407-1426.	1.6	31

#	ARTICLE	IF	CITATIONS
217	Multifunctional Fibroblasts Enhanced via Thermal and Freeze-Drying Post-treatments of Aligned Electrospun Nanofiber Membranes. <i>Advanced Fiber Materials</i> , 2021, 3, 26-37.	7.9	31
218	Quasistatic model for two-strand yarn spinning. <i>Mechanics Research Communications</i> , 2005, 32, 197-200.	1.0	30
219	The variational iteration method: Reliable, efficient, and promising. <i>Computers and Mathematics With Applications</i> , 2007, 54, 879-880.	1.4	30
220	Variational principle for the differentialâ€“difference system arising in stratified hydrostatic flows. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 1644-1645.	0.9	30
221	Fractal Derivative Model for Air Permeability in Hierarchic Porous Media. <i>Abstract and Applied Analysis</i> , 2012, 2012, 1-7.	0.3	30
222	A family of variational principles for linear micromorphic elasticity. <i>Computers and Structures</i> , 2003, 81, 2079-2085.	2.4	29
223	Fifth dimension of life and the 4/5 allometric scaling law for human brain. <i>Cell Biology International</i> , 2004, 28, 809-815.	1.4	29
224	A Linear Dynamic Model for Two-Strand Yarn Spinning. <i>Textile Reseach Journal</i> , 2005, 75, 87-90.	1.1	29
225	HEâ€“ELZAKI METHOD FOR SPATIAL DIFFUSION OF BIOLOGICAL POPULATION. <i>Fractals</i> , 2019, 27, 1950069.	1.8	29
226	Nonlinear dynamic analysis of vibratory behavior of a graphene nano/microelectromechanical system. <i>Mathematical Methods in the Applied Sciences</i> , 0, , .	1.2	29
227	On the height of Taylor cone in electrospinning. <i>Results in Physics</i> , 2020, 17, 103096.	2.0	29
228	ON THE FRACTAL VARIATIONAL PRINCIPLE FOR THE TELEGRAPH EQUATION. <i>Fractals</i> , 2021, 29, 2150022.	1.8	29
229	A Rachford-Rice like equation for solvent evaporation in the bubble electrospinning. <i>Thermal Science</i> , 2018, 22, 1679-1683.	0.5	29
230	A fractal approach to the diffusion process of red ink in a saline water. <i>Thermal Science</i> , 2022, 26, 2447-2451.	0.5	29
231	Control of bubble size and bubble number in bubble electrospinning. <i>Computers and Mathematics With Applications</i> , 2012, 64, 1033-1035.	1.4	28
232	The simplest amplitude-period formula for non-conservative oscillators. <i>Reports in Mechanical Engineering</i> , 2021, 2, 143-148.	4.9	28
233	Modified Straightforward Expansion. <i>Meccanica</i> , 1999, 34, 287-289.	1.2	27
234	Numerical iteration for nonlinear oscillators by Elzaki transform. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2020, 39, 879-884.	1.3	27

#	ARTICLE	IF	CITATIONS
235	Dynamic pull-in for micro-electromechanical device with a current-carrying conductor. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 1059-1066.	1.3	27
236	The homotopy perturbation method for fractional differential equations: part 2, two-scale transform. International Journal of Numerical Methods for Heat and Fluid Flow, 2022, 32, 559-567.	1.6	27
237	Space, Time and Beyond. International Journal of Nonlinear Sciences and Numerical Simulation, 2005, 6, .	0.4	26
238	Can polar bear hairs absorb environmental energy?. Thermal Science, 2011, 15, 911-913.	0.5	26
239	On fabrication of nanoscale non-smooth fibers with high geometric potential and nanoparticle's non-linear vibration. Thermal Science, 2020, 24, 2491-2497.	0.5	26
240	Collection of polymer bubble as a nanoscale membrane. Surfaces and Interfaces, 2022, 28, 101665.	1.5	26
241	Electrospinning: The big world of small fibers. Polymer International, 2007, 56, 1321-1322.	1.6	25
242	VARIATIONAL PRINCIPLE FOR A GENERALIZED KdV EQUATION IN A FRACTAL SPACE. Fractals, 2020, 28, 2050069.	1.8	25
243	Difference equation vs differential equation on different scales. International Journal of Numerical Methods for Heat and Fluid Flow, 2021, 31, 391-401.	1.6	25
244	Dropping in electrospinning process: A general strategy for fabrication of microspheres. Thermal Science, 2021, 25, 1295-1303.	0.5	25
245	Insights into Partial Slips and Temperature Jumps of a Nanofluid Flow over a Stretched or Shrinking Surface. Energies, 2021, 14, 6691.	1.6	25
246	Variational principle for non-Newtonian lubrication: Rabinowitsch fluid model. Applied Mathematics and Computation, 2004, 157, 281-286.	1.4	24
247	Application of E-infinity theory to turbulence. Chaos, Solitons and Fractals, 2006, 30, 506-511.	2.5	24
248	ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD FOR FRACTIONAL ORDER SYSTEM OF LINEAR AND NONLINEAR FRACTIONAL PARTIAL DIFFERENTIAL EQUATION. Fractals, 2018, 26, 1850041.	1.8	24
249	Evans model for dynamic economics revised. AIMS Mathematics, 2021, 6, 9194-9206.	0.7	24
250	Fractal Pull-in Stability Theory for Microelectromechanical Systems. Frontiers in Physics, 2021, 9, .	1.0	24
251	Bubble rupture in bubble electrospinning. Thermal Science, 2015, 19, 1141-1149.	0.5	24
252	Thermal science for the real world: Reality and challenge. Thermal Science, 2020, 24, 2289-2294.	0.5	24

#	ARTICLE	IF	CITATIONS
253	SOLITARY WAVES OF THE VARIANT BOUSSINESQ-BURGERS EQUATION IN A FRACTAL-DIMENSIONAL SPACE. <i>Fractals</i> , 2022, 30, .	1.8	24
254	A variational approach to electroelastic analysis of piezoelectric ceramics with surface electrodes. <i>Mechanics Research Communications</i> , 2000, 27, 445-450.	1.0	23
255	Generalized variational principles for thermopiezoelectricity. <i>Archive of Applied Mechanics</i> , 2002, 72, 248-256.	1.2	23
256	Homotopy perturbation method for the solution of the electrostatic potential differential equation. <i>Mathematical Problems in Engineering</i> , 2006, 2006, 1-6.	0.6	23
257	Electrospun polysulfone/poly(lactic acid) nanoporous fibrous mats for oil removal from water. <i>Adsorption Science and Technology</i> , 2019, 37, 438-450.	1.5	23
258	Wetting and supercontraction properties of spider-based nanofibers. <i>Thermal Science</i> , 2019, 23, 2189-2193.	0.5	23
259	Hilbert cube model for fractal spacetime. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 2754-2759.	2.5	21
260	Fast identification of the pull-in voltage of a nano/micro-electromechanical system. <i>Journal of Low Frequency Noise Vibration and Active Control</i> , 2022, 41, 566-571.	1.3	21
261	Some new approaches to duffing equation with strongly and high order nonlinearity (I) linearized perturbation technique. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 78-80.	1.7	20
262	Effects of Size and pH on Metabolie Rate. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2003, 4, .	0.4	20
263	An allometric scaling law between gray matter and white matter of cerebral cortex. <i>Chaos, Solitons and Fractals</i> , 2006, 27, 864-867.	2.5	20
264	Effect of solution concentration on diameter and morphology of PVA nanofibres in bubble electrospinning process. <i>Materials Science and Technology</i> , 2010, 26, 1313-1316.	0.8	20
265	Bubbfil spinning for mass-production of nanofibers. <i>Thermal Science</i> , 2014, 18, 1718-1719.	0.5	20
266	The Maximal Wrinkle Angle During the Bubble Collapse and Its Application to the Bubble Electrospinning. <i>Frontiers in Materials</i> , 2022, 8, .	1.2	20
267	Resonance in Sirospun yarn spinning using a variational iteration method. <i>Computers and Mathematics With Applications</i> , 2007, 54, 1064-1066.	1.4	19
268	Silk Cocoon: "Emperor's New Clothes" for Pupa: Fractal Nano-Hydrodynamical Approach. <i>Journal of Nano Research</i> , 0, 22, 65-70.	0.8	19
269	Approximate periodic solutions to microelectromechanical system oscillator subject to magnetostatic excitation. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	19
270	Bubble Electrospinning with an Auxiliary Electrode and an Auxiliary Air Flow. <i>Recent Patents on Nanotechnology</i> , 2020, 14, 42-45.	0.7	19



#	ARTICLE	IF	CITATIONS
271	Fractal analysis of polar bear hairs. <i>Thermal Science</i> , 2015, 19, 143-144.	0.5	19
272	Variational model for ionomeric polymer-metal composite. <i>Polymer</i> , 2003, 44, 8195-8199.	1.8	18
273	Mechanism of nanofiber crimp. <i>Thermal Science</i> , 2013, 17, 1473-1477.	0.5	18
274	An alternative approach to establishment of a variational principle for the torsional problem of piezoelastic beams. <i>Applied Mathematics Letters</i> , 2016, 52, 1-3.	1.5	18
275	Superflexible/superhydrophilic PVDF-HFP/CuO-nanosheet nanofibrous membrane for efficient microfiltration. <i>Applied Nanoscience (Switzerland)</i> , 2019, 9, 1991-2000.	1.6	18
276	Advances in Bubble Electrospinning. <i>Recent Patents on Nanotechnology</i> , 2020, 13, 162-163.	0.7	18
277	Sea-silk based nanofibers and their diameter prediction. <i>Thermal Science</i> , 2019, 23, 2253-2256.	0.5	18
278	A new proof of the dual optimization problem and its application to the optimal material distribution of SiC/graphene composite. <i>Reports in Mechanical Engineering</i> , 2020, 1, 187-191.	4.9	18
279	Nonlinear EHD Instability of Two-Superposed Walters™ B Fluids Moving through Porous Media. <i>Axioms</i> , 2021, 10, 258.	0.9	18
280	Mysterious Pi and a Possible Link to DNA Sequencing. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2004, 5, .	0.4	17
281	Variational approach to nonlinear problems and a review on mathematical model of electrospinning. <i>Nonlinear Analysis: Theory, Methods &amp; Applications</i> , 2005, 63, e919-e929.	0.6	17
282	Fatalness of virus depends upon its cell fractal geometry. <i>Chaos, Solitons and Fractals</i> , 2008, 38, 1390-1393.	2.5	17
283	Variational Iteration Method for a Nonlinear Reaction-Diffusion Process. <i>International Journal of Chemical Reactor Engineering</i> , 2008, 6, .	0.6	17
284	A simple approach to nonlinear oscillators. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 3749-3752.	0.9	17
285	A constrained variational principle for heat conduction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009, 373, 2614-2615.	0.9	17
286	Fractal Approach to Flow through Porous Material. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2009, 10, .	0.4	17
287	Study on highly filtration efficiency of electrospun polyvinyl alcohol micro-porous webs. <i>Indian Journal of Physics</i> , 2015, 89, 175-179.	0.9	17
288	When mathematics meets thermal science: The simpler is the better. <i>Thermal Science</i> , 2021, 25, 2039-2042.	0.5	17

#	ARTICLE	IF	CITATIONS
289	A delayed fractional model for Cocoon™s heat-proof property. <i>Thermal Science</i> , 2017, 21, 1867-1871.	0.5	17
290	An Approximate Solution of the Time-Fractional Two-Mode Coupled Burgers Equation. <i>Fractal and Fractional</i> , 2021, 5, 196.	1.6	17
291	A Family of Variational Principles for Compressible Rotational Blade-to-Blade Flow Using Semi-Inverse Method. <i>International Journal of Turbo and Jet Engines</i> , 1998, 15, .	0.3	16
292	A Classical Variational Model for Micropolar Elastodynamics. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2000, 1, .	0.4	16
293	A Lagrangian for von Karman equations of large deflection problem of thin circular plate. <i>Applied Mathematics and Computation</i> , 2003, 143, 543-549.	1.4	16
294	A modified Newton-Raphson method. <i>Communications in Numerical Methods in Engineering</i> , 2004, 20, 801-805.	1.3	16
295	Resistance in cell membrane and nerve fiber. <i>Neuroscience Letters</i> , 2004, 373, 48-50.	1.0	16
296	String theory in a scale dependent discontinuous space-time. <i>Chaos, Solitons and Fractals</i> , 2008, 36, 542-545.	2.5	16
297	Bubble electrospinning method for preparation of aligned nanofibre mat. <i>Materials Science and Technology</i> , 2010, 26, 1309-1312.	0.8	16
298	Single polymeric bubble for the preparation of multiple micro/nano fibers. <i>Journal of Applied Polymer Science</i> , 2011, 119, 1161-1165.	1.3	16
299	Nanoparticles fabricated by the bubble electrospinning. <i>Thermal Science</i> , 2012, 16, 1562-1563.	0.5	16
300	Electrospun polyvinyl alcohol-honey nanofibers. <i>Thermal Science</i> , 2013, 17, 1549-1550.	0.5	16
301	Fabrication of highly oriented nanoporous fibers via airflow bubble-spinning. <i>Applied Surface Science</i> , 2017, 421, 61-67.	3.1	16
302	Humidity-induced porous poly(lactic acid) membrane with enhanced flux for oil-water separation. <i>Adsorption Science and Technology</i> , 2019, 37, 389-400.	1.5	16
303	A variational theory for one-dimensional unsteady compressible flow – an image plane approach. <i>Applied Mathematical Modelling</i> , 1998, 22, 395-403.	2.2	15
304	Special Functions for Solving Nonlinear Differential Equations. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	0.9	15
305	A fractional model for insulation clothings with cocoon-like porous structure. <i>Thermal Science</i> , 2016, 20, 779-784.	0.5	15
306	On the mountain-river-desert relation. <i>Thermal Science</i> , 2021, 25, 4817-4822.	0.5	15

#	ARTICLE	IF	CITATIONS
307	E-Infinity theory and the Higgs field. <i>Chaos, Solitons and Fractals</i> , 2007, 31, 782-786.	2.5	14
308	Differential-difference model for textile engineering. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 352-354.	2.5	14
309	Application of He Chengtian's interpolation to Bethe equation. <i>Computers and Mathematics With Applications</i> , 2009, 58, 2427-2430.	1.4	14
310	Bubble-electrospinning for Fabrication of Nanofibers with Diameter of about 20nm. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, .	0.4	14
311	Maximal Thermo-geometric Parameter in a Nonlinear Heat Conduction Equation. <i>Bulletin of the Malaysian Mathematical Sciences Society</i> , 2016, 39, 605-608.	0.4	14
312	Insight into the Wetting Property of a Nanofiber Membrane by the Geometrical Potential. <i>Recent Patents on Nanotechnology</i> , 2020, 14, 64-70.	0.7	14
313	Polyvinyl alcohol/starch composite nanofibers by bubble electrospinning. <i>Thermal Science</i> , 2014, 18, 1473-1475.	0.5	14
314	Insight into the Significance of Hall Current and Joule Heating on the Dynamics of Darcy's Forchheimer Peristaltic Flow of Rabinowitsch Fluid. <i>Journal of Mathematics</i> , 2021, 2021, 1-18.	0.5	14
315	Dynamic pull-in and oscillations of current-carrying filaments in magnetic micro-electro-mechanical system. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2022, 109, 106350.	1.7	14
316	A modified Morris-Lecar model for interacting ion channels. <i>Neurocomputing</i> , 2005, 64, 543-545.	3.5	13
317	Hierarchy of wool fibers and its interpretation using E-infinity theory. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 1839-1841.	2.5	13
318	Determination of Limit Cycle by Hamiltonian Approach for Strongly Nonlinear Oscillators. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, .	0.4	13
319	Superthin combined PVA-graphene film. <i>Thermal Science</i> , 2012, 16, 1560-1561.	0.5	13
320	Waterproof and Dustproof of Wild Silk: A Theoretical Explanation. <i>Journal of Nano Research</i> , 0, 22, 61-63.	0.8	13
321	Fractal approach to heat transfer in silkworm cocoon hierarchy. <i>Thermal Science</i> , 2013, 17, 1546-1548.	0.5	13
322	On relationship between two ancient Chinese algorithms and their application to flash evaporation. <i>Results in Physics</i> , 2017, 7, 320-322.	2.0	13
323	On the Frequency-Amplitude Formulation for Nonlinear Oscillators with General Initial Conditions. <i>International Journal of Applied and Computational Mathematics</i> , 2021, 7, 1.	0.9	13
324	STUDY OF NONLINEAR HIROTA'S SATSUMA COUPLED KdV AND COUPLED mKdV SYSTEM WITH TIME FRACTIONAL DERIVATIVE. <i>Fractals</i> , 2021, 29, 2150108.	1.8	13

#	ARTICLE	IF	CITATIONS
325	Jet speed in bubble rupture. <i>Thermal Science</i> , 2018, 22, 47-50.	0.5	13
326	Nanofibers membrane for detecting heavy metal ions. <i>Thermal Science</i> , 2020, 24, 2463-2468.	0.5	13
327	An Efficient Analytical Approach for the Periodicity of Nano/Microelectromechanical Systems's Oscillators. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-12.	0.6	13
328	Modified lagrange multiplier method and generalized variational principle in fluid mechanics. <i>Journal of Shanghai University</i> , 1997, 1, 117-122.	0.1	12
329	Analytical solution of a nonlinear oscillator by the linearized perturbation technique. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 109-113.	1.7	12
330	Rebuild of King Fang 40 BC musical scales by He's inequality. <i>Applied Mathematics and Computation</i> , 2005, 168, 909-914.	1.4	12
331	Shrinkage of body size of small insects: A possible link to global warming?. <i>Chaos, Solitons and Fractals</i> , 2007, 34, 727-729.	2.5	12
332	On the number of elementary particles in a resolution dependent fractal spacetime. <i>Chaos, Solitons and Fractals</i> , 2007, 32, 1645-1648.	2.5	12
333	Frontier of Modern Textile Engineering and Short Remarks on Some Topics in Physics. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, .	0.4	12
334	A belt-like superfine film fabricated by the bubble-electrospinning. <i>Thermal Science</i> , 2013, 17, 1508-1510.	0.5	12
335	NUMERICAL INVESTIGATION OF FRACTIONAL HIV MODEL USING ELZAKI PROJECTED DIFFERENTIAL TRANSFORM METHOD. <i>Fractals</i> , 2018, 26, 1850062.	1.8	12
336	ALONG THE EVOLUTION PROCESS KLEIBER'S 3/4 LAW MAKES WAY FOR RUBNER'S SURFACE LAW: A FRACTAL APPROACH. <i>Fractals</i> , 2019, 27, 1950015.	1.8	12
337	A simple approximation of periodic solutions to microelectromechanical system model of oscillating parallel plate capacitor. <i>Mathematical Methods in the Applied Sciences</i> , 2020, , .	1.2	12
338	Control of Macromolecule Chains Structure in a Nanofiber. <i>Polymers</i> , 2020, 12, 2305.	2.0	12
339	Credal Transfer Learning With Multi-Estimation for Missing Data. <i>IEEE Access</i> , 2020, 8, 70316-70328.	2.6	12
340	Fabrication of PVDF/PES nanofibers with unsmooth fractal surfaces by electrospinning: A general strategy and formation mechanism. <i>Thermal Science</i> , 2021, 25, 1287-1294.	0.5	12
341	Improved Block-Pulse Functions for Numerical Solution of Mixed Volterra-Fredholm Integral Equations. <i>Axioms</i> , 2021, 10, 200.	0.9	12
342	Facile preparation of $\beta$ -Fe <sub>2</sub> O <sub>3</sub> nanobulk via bubble electrospinning and thermal treatment. <i>Thermal Science</i> , 2016, 20, 967-972.	0.5	12

#	ARTICLE	IF	CITATIONS
343	Variational approach to chemical reaction. Computers and Chemical Engineering, 2004, 28, 1549.	2.0	11
344	Cell size and cell number as links between noncoding DNA and metabolic rate scaling. Chaos, Solitons and Fractals, 2006, 28, 1026-1028.	2.5	11
345	Number of elementary particles using exceptional Lie symmetry groups hierarchy. Chaos, Solitons and Fractals, 2009, 39, 2119-2124.	2.5	11
346	Nonlinear science as a fluctuating research frontier. Chaos, Solitons and Fractals, 2009, 41, 2533-2537.	2.5	11
347	A novel friction law. Thermal Science, 2012, 16, 1529-1533.	0.5	11
348	Highly Selective Adsorption of Plants' Leaves on Nanoparticles. Journal of Nano Research, 2013, 22, 71-84.	0.8	11
349	Nonlinear vibration mechanism for fabrication of crimped nanofibers with bubble electrospinning and stuffer box crimping method. Textile Reseach Journal, 2017, 87, 1706-1710.	1.1	11
350	Bubble Electrospinning: Patents, Promises and Challenges. Recent Patents on Nanotechnology, 2020, 14, 3-4.	0.7	11
351	High energy surface as a receptor in electrospinning: A good switch for hydrophobicity to hydrophilicity. Thermal Science, 2021, 25, 2205-2212.	0.5	11
352	Zu-Geng's axiom vs Cavalieri's theory. Applied Mathematics and Computation, 2004, 152, 9-15.	1.4	10
353	Controlling the Air Vortex Twist in Air-Jet Spinning. Textile Reseach Journal, 2005, 75, 175-177.	1.1	10
354	The number of elementary particles in a fractal M-theory of 11.2360667977 dimensions. Chaos, Solitons and Fractals, 2007, 32, 346-351.	2.5	10
355	Polymer liquid membrane for nanofiber fabrication. Thermal Science, 2013, 17, 1479-1482.	0.5	10
356	A Modified Bubble Electrospinning for Fabrication of Nanofibers. Journal of Nano Research, 2013, 23, 125-128.	0.8	10
357	Evidence integration credal classification algorithm versus missing data distributions. Information Sciences, 2021, 569, 39-54.	4.0	10
358	Some interpolation formulas in Chinese ancient mathematics. Applied Mathematics and Computation, 2004, 152, 367-371.	1.4	9
359	A Brief Review on Allometric Scaling in Biology. Lecture Notes in Computer Science, 2004, , 652-658.	1.0	9
360	A HIERARCHY OF MOTION IN ELECTROSPINNING PROCESS AND $\hat{\infty}$ -INFINITY NANOTECHNOLOGY. Journal of Polymer Engineering, 2008, 28, .	0.6	9

#	ARTICLE	IF	CITATIONS
361	Allometric scaling laws in biology and physics. <i>Chaos, Solitons and Fractals</i> , 2009, 41, 1836-1838.	2.5	9
362	Variational approach to foam drainage equation. <i>Meccanica</i> , 2011, 46, 1265-1266.	1.2	9
363	A remark on "A nonlinear mathematical model of the corneal shape". <i>Nonlinear Analysis: Real World Applications</i> , 2012, 13, 2863-2865.	0.9	9
364	Comments on "Analytical solution of amperometric enzymatic reactions based on Homotopy perturbation method", by A. Shanmugarajan, S. Alwarappan, S. Somasundaram, R. Lakshmanan [ <i>Electrochim. Acta</i> 56 (2011) 3345]. <i>Electrochimica Acta</i> , 2013, 102, 472-473.	2.6	9
365	Preparation of PLGA/MWCNT Composite Nanofibers by Airflow Bubble-Spinning and Their Characterization. <i>Polymers</i> , 2018, 10, 481.	2.0	9
366	From Micro to Nano and from Science to Technology: Nano Age Makes the Impossible Possible. <i>Micro and Nanosystems</i> , 2020, 12, 2-3.	0.3	9
367	Effect of fabric surface's cleanliness on its moisture/air permeability. <i>Thermal Science</i> , 2021, 25, 1517-1521.	0.5	9
368	Effect of Na <sub>2</sub> CO <sub>3</sub> degumming concentration on LiBr-formic acid-silk fibroin solution properties. <i>Thermal Science</i> , 2016, 20, 985-991.	0.5	9
369	Bubbfil electrospinning of PA66/Cu nanofibers. <i>Thermal Science</i> , 2016, 20, 993-998.	0.5	9
370	Detection of cigarette smoke using a fiber membrane filmed with carbon nanoparticles and a fractal current law. <i>Thermal Science</i> , 2020, 24, 2469-2474.	0.5	9
371	A variational approach to the Burrige's Knopoff equation. <i>Applied Mathematics and Computation</i> , 2003, 144, 1-2.	1.4	8
372	Personage in Science: Academician Anatoly Alekseev. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2004, 5, 1-4.	0.4	8
373	A modified Hodgkin-Huxley model. <i>Chaos, Solitons and Fractals</i> , 2006, 29, 303-306.	2.5	8
374	On the Menger-Urysohn theory of Cantorian manifolds and transfinite dimensions in physics. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 781-783.	2.5	8
375	The Variational Approach Coupled with an Ancient Chinese Mathematical Method to the Relativistic Oscillator. <i>Mathematical and Computational Applications</i> , 2010, 15, 930-935.	0.7	8
376	Hierarchical structure and fractal dimensions of tendon. <i>Materials Science and Technology</i> , 2010, 26, 1317-1319.	0.8	8
377	Hamiltonian Approach to Duffing-harmonic Equation. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, 43-46.	0.4	8
378	Variational approach to the finned tube heat exchanger used in hydride hydrogen storage system. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 16177-16178.	3.8	8

#	ARTICLE	IF	CITATIONS
379	Effect of temperature on non-linear dynamical property of stuffer box crimping and bubble electrospinning. <i>Thermal Science</i> , 2014, 18, 1049-1053.	0.5	8
380	Transverse vibration of an axially moving slender fiber of viscoelastic fluid in bubble spinning and stuffer box crimping. <i>Thermal Science</i> , 2015, 19, 1437-1441.	0.5	8
381	Highly selective penetration of red ink in a saline water. <i>Thermal Science</i> , 2019, 23, 2265-2270.	0.5	8
382	A Generalized Variational Principle for 3-D Unsteady Transonic Rotational Flow in Rotor Using Clebsch Variables. <i>International Journal of Turbo and Jet Engines</i> , 1997, 14, .	0.3	7
383	Equivalent theorem of Hellinger-Reissner and Hu-Washizu variational principles. <i>Journal of Shanghai University</i> , 1997, 1, 36-41.	0.1	7
384	Treatment Shocks in Transonic Aerodynamics in the Meshless Method Part I: Lagrange Multiplier Approach. <i>International Journal of Turbo and Jet Engines</i> , 1999, 16, .	0.3	7
385	Exact resonances of nonlinear vibration of rotor-bearings system without small parameter. <i>Mechanics Research Communications</i> , 2000, 27, 451-456.	1.0	7
386	A variational principle for magnetohydrodynamics with high Hartmann number flow. <i>International Journal of Engineering Science</i> , 2002, 40, 1403-1410.	2.7	7
387	New analytical methods for cleaning up the solution of nonlinear equations. <i>Computers and Mathematics With Applications</i> , 2009, 58, 2081-2083.	1.4	7
388	Bio-mimic design of PM2.5 anti-smog masks. <i>Thermal Science</i> , 2014, 18, 1689-1690.	0.5	7
389	A fractional model for dye removal. <i>Journal of King Saud University - Science</i> , 2016, 28, 14-16.	1.6	7
390	Thermal protection of electronic devices with the Nylon6/66-PEG nanofiber membranes. <i>Thermal Science</i> , 2014, 18, 1441-1446.	0.5	7
391	A dye removal model with a fuzzy initial condition. <i>Thermal Science</i> , 2016, 20, 867-870.	0.5	7
392	The allometry of leaf form in early plant ontogeny. <i>Bulletin of Mathematical Biology</i> , 2005, 67, 1333-1337.	0.9	6
393	A New Resistance Formulation for Carbon Nanotubes. <i>Journal of Nanomaterials</i> , 2008, 2008, 1-3.	1.5	6
394	Inverse Problems of Newton's Laws. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2009, 10, .	0.4	6
395	A Note on Elementary Cobordism and Negative Space. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, .	0.4	6
396	From spider spinning to bubble electrospinning and from the wool structure to carbon super-nanotubes. <i>Materials Science and Technology</i> , 2010, 26, 1273-1274.	0.8	6

#	ARTICLE	IF	CITATIONS
397	On Richards's equation for water transport in unsaturated soils and porous fabrics. <i>Computers and Geotechnics</i> , 2013, 54, 69-71.	2.3	6
398	Electrospun polyvinyl alcohol-milk nanofibers. <i>Thermal Science</i> , 2013, 17, 1515-1516.	0.5	6
399	Effect of ultrasonic vibration on the morphology of bubble-electrospun nanofibers. <i>Fibers and Polymers</i> , 2015, 16, 2432-2436.	1.1	6
400	Series solution of the autocatalytic hydrolysis of cellulose. <i>Cellulose</i> , 2015, 22, 3099-3104.	2.4	6
401	Fabrication of Beltlike Fibers by Electrospinning. <i>Polymers</i> , 2018, 10, 1087.	2.0	6
402	Innovation of Critical Bubble Electrospinning and Its Mechanism. <i>Polymers</i> , 2020, 12, 304.	2.0	6
403	Fabrication of nanoporous fibers via bubble electrospinning. <i>Thermal Science</i> , 2014, 18, 1455-1458.	0.5	6
404	High temperature resistant nanofiber by bubble electrospinning. <i>Thermal Science</i> , 2015, 19, 1461-1462.	0.5	6
405	Primary study of ethyl cellulose nanofiber for oxygen-enrichment membrane. <i>Thermal Science</i> , 2016, 20, 1008-1009.	0.5	6
406	Nanofiber template-induced preparation of ZnO nanocrystal and its application in photocatalysis. <i>Scientific Reports</i> , 2021, 11, 21196.	1.6	6
407	Generalized Variational Principle for Compressible S2-Flow in Mixed-Flow Turbomachinery Using Semi-Inverse Method. <i>International Journal of Turbo and Jet Engines</i> , 1998, 15, .	0.3	5
408	A Variational Model for Micropolar Fluids in Lubrication Journal Bearing. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2000, 1, .	0.4	5
409	On body size of infected mice. <i>Acta Tropica</i> , 2007, 104, 140-141.	0.9	5
410	SOLITARY WAVENUMBER-FREQUENCY FORMULATION USING AN ANCIENT CHINESE ARITHMETIC. <i>International Journal of Modern Physics B</i> , 2010, 24, 4747-4751.	1.0	5
411	Variational Approach to Impulsive Differential Equations Using the Semi-Inverse Method. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011, 66, 632-634.	0.7	5
412	The fractal harmonic law and its application to swimming suit. <i>Thermal Science</i> , 2012, 16, 1467-1471.	0.5	5
413	Particle-like beads and daughter jet cascades in electrospinning. <i>Thermal Science</i> , 2013, 17, 1421-1424.	0.5	5
414	PREFACE: NANOSCALE FLOW AND THERMAL EFFECT FOR NANOFIBER FABRICATION. <i>Heat Transfer Research</i> , 2013, 44, i-vii.	0.9	5



#	ARTICLE	IF	CITATIONS
415	A short remark on Chien's variational principle of maximum power losses for viscous fluids. International Journal of Numerical Methods for Heat and Fluid Flow, 2016, 26, 694-697.	1.6	5
416	The barycentric rational interpolation collocation method for boundary value problems. Thermal Science, 2018, 22, 1773-1779.	0.5	5
417	Hierarchical aligned ZnO nanorods on surface of PVDF/Fe <sub>2</sub> O <sub>3</sub> nanofibers by electrospinning in a magnetic field. Thermal Science, 2021, 25, 2399-2403.	0.5	5
418	Electrospun Mussel-derived Silk Fibers. Recent Patents on Nanotechnology, 2020, 14, 14-20.	0.7	5
419	Fabrication of Latex-based Nanofibers by Electrospinning. Recent Patents on Nanotechnology, 2020, 13, 202-205.	0.7	5
420	New Optimal Fourth-Order Iterative Method Based on Linear Combination Technique. , 0, , .	0.3	5
421	A generalized variational principle for coupled thermoelasticity with finite displacement. Communications in Nonlinear Science and Numerical Simulation, 1998, 3, 215-217.	1.7	4
422	ELECTROSPINNING: A PROMISING TECHNOLOGY FOR DISCONTINUOUS AND CONTINUOUS NANOFIBERS. Journal of Polymer Engineering, 2008, 28, .	0.6	4
423	Nonlinearity as a sensitive informative marker in the ENSO model. Computers and Mathematics With Applications, 2009, 58, 2431-2443.	1.4	4
424	A generalized poincaré-invariant action with possible application in strings and E-infinity theory. Chaos, Solitons and Fractals, 2009, 39, 1667-1670.	2.5	4
425	Study on the Stability of Steiner Tree Structure of Explosion-Proof Textiles. Mathematical and Computational Applications, 2010, 15, 936-939.	0.7	4
426	An Aproximation to Solution of Space and Time Fractional Telegraph Equations by the Variational Iteration Method. Mathematical Problems in Engineering, 2012, 2012, 1-2.	0.6	4
427	CRITICAL VOLUME OF WETTING LIQUID. Heat Transfer Research, 2013, 44, 389-391.	0.9	4
428	Lightning-Like Charged Jet Cascade in Bubble Electrospinning with Ultrasonic Vibration. Journal of Nano Research, 2014, 27, 111-119.	0.8	4
429	Comparative and verified studies of zirconium nanocomposite nanofibres by bubble spinning. Micro and Nano Letters, 2018, 13, 228-231.	0.6	4
430	Bayesian inference for solving a class of heat conduction problems. Thermal Science, 2021, 25, 2135-2142.	0.5	4
431	Explosion-proof textile with hierarchical Steiner tree structure. Thermal Science, 2012, 16, 343-344.	0.5	4
432	PVA-based nanographene film by electrospinning. Thermal Science, 2013, 17, 1449-1452.	0.5	4

#	ARTICLE	IF	CITATIONS
433	Micro-nanofibers with hierarchical structure by bubbfil-spinning. Thermal Science, 2015, 19, 1455-1456.	0.5	4
434	Crimp frequency of a viscoelastic fiber in a crimping process. Thermal Science, 2017, 21, 1839-1842.	0.5	4
435	Nano-dyeing. Thermal Science, 2016, 20, 1003-1005.	0.5	4
436	Thermodynamics in nanotechnology: A new approach to revealing hidden phenomena. Thermal Science, 2018, 22, 1-3.	0.5	4
437	A variational model for an asymptotic magnetohydrodynamic system magnetohydrodynamic system. Communications in Nonlinear Science and Numerical Simulation, 1998, 3, 176-179.	1.7	3
438	Variational approach to a strictly hyperbolic system of conservation laws with singularity. Communications in Nonlinear Science and Numerical Simulation, 1998, 3, 179-183.	1.7	3
439	ALLOMETRIC SCALING LAW BETWEEN AVERAGE POLYMER MOLECULAR WEIGHT AND ELECTROSPUN NANOFIBER DIAMETER. Journal of Polymer Engineering, 2008, 28, .	0.6	3
440	Two exact solutions to the general relativistic Binet's equation. Astrophysics and Space Science, 2009, 323, 97-98.	0.5	3
441	SILK IS OF CHINA, AND CHINA IS OF SILK: A RESPONSE TO GOOD <math>\epsilon</math>. (2009)*. Archaeometry, 2011, 53, 411-412.	0.6	3
442	Double trials method for nonlinear problems arising in heat transfer. Thermal Science, 2011, 15, 153-155.	0.5	3
443	Solitary-Solution Formulation for Differential-Difference Equations Using an Ancient Chinese Algorithm. Abstract and Applied Analysis, 2012, 2012, 1-6.	0.3	3
444	Detachment of a Charged Nano-Jet for Fabrication of Nanoporous Materials. Journal of Nano Research, 2013, 23, 117-124.	0.8	3
445	Preparation, Characterization and Ionizing Radiation Protection Properties of Electrospun Nanofibrous Mats Embedded with Erbium Oxide ( $\text{Er}^{3+}$ Nanoparticles). Journal of Nano Research, 0, 27, 121-127.	0.8	3
446	Electricity from nanoparticles on a nanomembrane. Thermal Science, 2015, 19, 351-352.	0.5	3
447	Is the half-integer spin a first level approximation of the golden mean hierarchy?. Results in Physics, 2018, 11, 362-363.	2.0	3
448	Preparation of a Cu-BTC/PAN electrospun film with a good air filtration performance. Thermal Science, 2021, 25, 1469-1475.	0.5	3
449	Preparation and properties of composite phase-change nanofiber membrane by improved bubble electrospinning. Materials Research Express, 2021, 8, 055011.	0.8	3
450	Fractal harmonic law and waterproof/dustproof. Thermal Science, 2014, 18, 1463-1467.	0.5	3

#	ARTICLE	IF	CITATIONS
451	Effect on honey concentration on morphology of bubble-electrospun polyvinyl alcohol/honey fibers. Thermal Science, 2016, 20, 1012-1013.	0.5	3
452	Thermal property of rock powder-based nanofibers for high temperature filtration and adsorption. Thermal Science, 2019, 23, 2501-2507.	0.5	3
453	Wave-like beads on nanofibers by blown bubble spinning. Thermal Science, 2014, 18, 1477-1479.	0.5	3
454	An ancient Chinese algorithm for two-point boundary problems and its application to the Michaelis-Menten kinetics. Mathematical Modelling and Control, 2021, 1, 172-176.	0.4	3
455	Macromolecular-scale electrospinning controlling inner topologic structure through a blowing air. Thermal Science, 2022, 26, 2663-2666.	0.5	3
456	A generalized variational principle for 2-D piezoelectricity with surface electrodes. Journal of Shanghai University, 2000, 4, 14-17.	0.1	2
457	A Variational Model for Compressible Rotational Blade-to-Blade Flow Using Liu-Type Potential Function. International Journal of Turbo and Jet Engines, 2000, 17, .	0.3	2
458	Advances in Explosion Mechanics. International Journal of Nonlinear Sciences and Numerical Simulation, 2009, 10, .	0.4	2
459	Soft Compressible Porous Mat For "Flying" Vehicles. Mathematical and Computational Applications, 2010, 15, 967-969.	0.7	2
460	Comment on "Variational Iteration Method for Fractional Calculus Using He's Polynomials" Abstract and Applied Analysis, 2012, 2012, 1-2.	0.3	2
461	Pressure distribution on spinning spinnerets. Thermal Science, 2013, 17, 1533-1537.	0.5	2
462	Nozzle design in a fiber spinning process for a maximal pressure gradient. Thermal Science, 2013, 17, 1529-1532.	0.5	2
463	Periodic Solution of the Hematopoiesis Equation. Abstract and Applied Analysis, 2013, 2013, 1-2.	0.3	2
464	Optimal spinneret size for improvement of fiber's mechanical property. Thermal Science, 2013, 17, 1501-1503.	0.5	2
465	A simplified formulation for calculation of minority-carrier effective lifetime. Results in Physics, 2018, 11, 623-624.	2.0	2
466	Study on PVA/Fe <sub>2</sub> O <sub>3</sub> Nanocomposites Fabricated by Traditional and Bubble Electrospinnings. Advanced Science Letters, 2012, 10, 615-617.	0.2	2
467	LETTER: Variational iteration method for Nonlinear Oscillators: a comment on "Application of Laplace Iteration method to Study of Nonlinear Vibration of laminated composite plates". Latin American Journal of Solids and Structures, 2014, 11, 344-347.	0.6	2
468	Electricity from nanomembrane. Thermal Science, 2014, 18, 1720-1721.	0.5	2

#	ARTICLE	IF	CITATIONS
469	Fabrication of unsmooth bamboo-like nanofibers. <i>Thermal Science</i> , 2015, 19, 1450-1451.	0.5	2
470	A Combination of Bernstein and Improved Block-Pulse Functions for Solving a System of Linear Fredholm Integral Equations. <i>Mathematical Problems in Engineering</i> , 2022, 2022, 1-12.	0.6	2
471	Generalized Variational Principles for 1-D Unsteady Viscous Flow. <i>International Journal of Turbo and Jet Engines</i> , 1998, 15, .	0.3	1
472	Perturbation approach to ball-bearing oscillator without possible small parameter. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 1999, 4, 234-236.	1.7	1
473	Variational theory for one-dimensional unsteady tube flow. <i>Journal of Interdisciplinary Mathematics</i> , 2003, 6, 27-35.	0.4	1
474	Semi-Inverse Method for Establishment of Variational Theory for Incremental Thermoelasticity with Voids. , 2005, , 75-95.		1
475	APPLICATION OF SIROFIL TECHNOLOGY TO ELECTROSPINNING. <i>Journal of Polymer Engineering</i> , 2008, 28, .	0.6	1
476	PAN/ PVP MICRO COMPOSITE FIBERS USING ELECTROSPINNING. <i>Journal of Polymer Engineering</i> , 2008, 28, .	0.6	1
477	On the possibility of hierarchy for proton and electron in fractal spacetime. <i>Chaos, Solitons and Fractals</i> , 2009, 42, 355-357.	2.5	1
478	Bubble-electrospinning for Polyacrylonitrile(PAN) Nanofibers. <i>International Journal of Nonlinear Sciences and Numerical Simulation</i> , 2010, 11, .	0.4	1
479	Effect of temperature on metabolic rates of virus and host cells. <i>Current Opinion in Biotechnology</i> , 2011, 22, S43-S44.	3.3	1
480	Analytical solution of the charge conservation equation for fuel cells by Galerkin method: Comments on "On the interchangeability of potentiostatic and galvanostatic boundary conditions for fuel cells" by A.K. Sharma, E. Birgersson, M. Vynnycky, H. Ly [ <i>Electrochim. Acta</i> 109 (2013) 617-622]. <i>Electrochimica Acta</i> , 2013, 114, 785-787.	2.6	1
481	Lagrangian for nonlinear perturbed heat and wave equations. <i>Applied Mathematics Letters</i> , 2013, 26, 158-159.	1.5	1
482	Lagrangians for self-adjoint and non-self-adjoint equations. <i>Applied Mathematics Letters</i> , 2013, 26, 373-375.	1.5	1
483	Determination of the Del Zone in Tearing of Textiles Using an Ancient Chinese Algorithm. <i>Advanced Materials Research</i> , 2013, 796, 183-186.	0.3	1
484	A short remark on the molar electronic transition energy ET(30) of the solvatochromic pyridinium N-phenolate betain dye 30. <i>Dyes and Pigments</i> , 2014, 107, 106-107.	2.0	1
485	Superfine crimped nanofibers fabricated by bubbfil electrospinning. <i>Journal of Controlled Release</i> , 2015, 213, e38.	4.8	1
486	On He Map (River Map)and the Oldest Scientific Management Method. <i>Lecture Notes in Computer Science</i> , 2004, , 659-664.	1.0	1

#	ARTICLE	IF	CITATIONS
487	Allometric Scaling Law for Static Friction of Fibrous Materials. Lecture Notes in Computer Science, 2004, , 465-470.	1.0	1
488	Hierarchical structure of nanofibers by bubbfil spinning. Thermal Science, 2015, 19, 1445-1446.	0.5	1
489	A Simple Mathematical Model for Prediction of Fibre Size in the Bubble Electrospinning. Advanced Science Letters, 2012, 10, 664-665.	0.2	1
490	General Bernoulli Equation for Rotational Flow in Rotor. International Journal of Turbo and Jet Engines, 1999, 16, .	0.3	0
491	Smoothed Particle Technique for Treatment Shocks in Transonic Aerodynamics. International Journal of Turbo and Jet Engines, 2001, 18, .	0.3	0
492	A Universal Variational Formulation for Two Dimensional Fluid Mechanics. Applied Mathematics and Mechanics (English Edition), 2001, 22, 989-996.	1.9	0
493	2007 International Symposium on Nonlinear Dynamics (2007 ISND). Journal of Physics: Conference Series, 2008, 96, 011001.	0.3	0
494	On the shell length and shell size of snails parasitized by trematodes. International Journal of Nonlinear Sciences and Numerical Simulation, 2010, 11, .	0.4	0
495	î Short Remark on Scaling Relationship between the Fetal and Placental Weights. International Journal of Nonlinear Sciences and Numerical Simulation, 2010, 11, .	0.4	0
496	Analytical methods: the next frontier towards nonlinear science. International Journal of Computer Mathematics, 2010, 87, 1040-1041.	1.0	0
497	Negative thermal coefficient of nanoporous biomaterials. Thermal Science, 2012, 16, 1549-1550.	0.5	0
498	Nanotechnology Meets Modern Textile. Journal of Nano Research, 2013, 23, 91-91.	0.8	0
499	A Tearing Model for Warp Knitted Fabrics with Hexagonal Meshes. Advanced Materials Research, 0, 796, 176-182.	0.3	0
500	Derivation of a variational principle for plane strain elasticâ€“plastic silk biopolymers. Indian Journal of Physics, 2014, 88, 31-33.	0.9	0
501	From Leibnizâ€™s Notation for Derivative to the Fractal Derivative, Fractional Derivative and Application in Mongolian Yurt. , 2015, , 219-230.		0
502	Effect of solution concentrations on the structure and properties of nanofibrous yarns by blown bubble-spinning. Thermal Science, 2021, 25, 2155-2160.	0.5	0
503	Application of topological technology to construction of a perturbation system for a strongly nonlinear equation. Topological Methods in Nonlinear Analysis, 2002, 20, 77.	0.2	0
504	Soliton Perturbation. , 2012, , 1548-1552.		0

#	ARTICLE	IF	CITATIONS
505	Solitons and Compactons. , 2012, , 1553-1560.		0
506	Oscillation of a Polymer Bubble Under Electrostatic Force. Advanced Science Letters, 2012, 10, 630-631.	0.2	0
507	Effect of Microstructure of Textiles with Steiner Tree Structure on the Tearing Performance. Advanced Science Letters, 2012, 10, 658-659.	0.2	0
508	A New Device for Single Bubble Electrospinning and Its Mathematical Analysis. Advanced Science Letters, 2012, 10, 621-623.	0.2	0
509	Nanoscience, Is It Chaotic or Deterministic?. Advanced Science Letters, 2012, 10, 597-598.	0.2	0
510	Why Not Angstrom Technology? A Possible Way for Biomimic Fabrication of Swimsuit and Explanation of Resistance of Molecular Wires. Advanced Science Letters, 2012, 10, 559-562.	0.2	0
511	Copper/PA66 nanofibers by bubbfil-spinning. Thermal Science, 2015, 19, 1463-1465.	0.5	0
512	Effect of zno nanoparticles on diameter of bubbfil PVA/ZnO nanofibers. Thermal Science, 2015, 19, 1447-1449.	0.5	0
513	A modified stanton number for heat transfer through fabric surface. Thermal Science, 2015, 19, 1475-1477.	0.5	0
514	Variational principle for a three-point boundary value problem. Journal of Nonlinear Science and Applications, 2016, 09, 5169-5174.	0.4	0
515	Mathematical models for thermal science. Thermal Science, 2017, 21, 1563-1566.	0.5	0