

# Snehashish Chakraverty

## List of Publications by Citations

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327  
papers

3,462  
citations

30  
h-index

44  
g-index

352  
ext. papers

4,156  
ext. citations

2.6  
avg, IF

6.58  
L-index

#	Paper	IF	Citations
327	Free vibration of Euler and Timoshenko functionally graded beams by RayleighRitz method. <i>Composites Part B: Engineering</i> , <b>2013</b> , 51, 175-184	10	218
326	Free vibration of exponential functionally graded rectangular plates in thermal environment with general boundary conditions. <i>Aerospace Science and Technology</i> , <b>2014</b> , 36, 132-156	4.9	93
325	Application of Legendre Neural Network for solving ordinary differential equations. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 43, 347-356	7.5	80
324	Flexural Vibration of Skew Plates Using Boundary Characteristic Orthogonal Polynomials in Two Variables. <i>Journal of Sound and Vibration</i> , <b>1994</b> , 173, 157-178	3.9	71
323	Numerical solution of nonlinear singular initial value problems of EmdenFowler type using Chebyshev Neural Network method. <i>Neurocomputing</i> , <b>2015</b> , 149, 975-982	5.4	64
322	Effects of different shear deformation theories on free vibration of functionally graded beams. <i>International Journal of Mechanical Sciences</i> , <b>2014</b> , 82, 149-160	5.5	62
321	Chebyshev Neural Network based model for solving LaneEmden type equations. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 247, 100-114	2.7	57
320	Transverse vibration of simply supported elliptical and circular plates using boundary characteristic orthogonal polynomials in two variables. <i>Journal of Sound and Vibration</i> , <b>1992</b> , 152, 149-155	3.9	56
319	Solving time-fractional NavierStokes equations using homotopy perturbation Elzaki transform. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	52
318	Transverse vibration of completely-free elliptic and circular plates using orthogonal polynomials in the Rayleigh-Ritz method. <i>International Journal of Mechanical Sciences</i> , <b>1991</b> , 33, 741-751	5.5	46
317	FREE VIBRATION OF FUNCTIONALLY GRADED THIN RECTANGULAR PLATES RESTING ON WINKLER ELASTIC FOUNDATION WITH GENERAL BOUNDARY CONDITIONS USING RAYLEIGHRITZ METHOD. <i>International Journal of Applied Mechanics</i> , <b>2014</b> , 06, 1450043	2.4	45
316	No association between the alpha-2 macroglobulin I1000V polymorphism and Alzheimer's disease. <i>Neuroscience Letters</i> , <b>1999</b> , 262, 137-9	3.3	45
315	On the use of orthogonal polynomials in the rayleigh-ritz method for the study of transverse vibration of elliptic plates. <i>Computers and Structures</i> , <b>1992</b> , 43, 439-443	4.5	45
314	Use of Characteristic Orthogonal Polynomials in Two Dimensions for Transverse Vibration of Elliptic and Circular Plates With Variable Thickness. <i>Journal of Sound and Vibration</i> , <b>1994</b> , 173, 289-299	3.9	42
313	Association studies using novel polymorphisms in BACE1 and BACE2. <i>NeuroReport</i> , <b>2001</b> , 12, 1799-802	1.7	40
312	A new iterative method based solution for fractional BlackScholes option pricing equations (BSOPE). <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	40
311	Single Layer Chebyshev Neural Network Model for Solving Elliptic Partial Differential Equations. <i>Neural Processing Letters</i> , <b>2017</b> , 45, 825-840	2.4	39

310	Free vibration of rectangular nanoplates using Rayleigh-Ritz method. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2014</b> , 56, 357-363	3	38
309	Recent Researches on Nonlocal Elasticity Theory in the Vibration of Carbon Nanotubes Using Beam Models: A Review. <i>Archives of Computational Methods in Engineering</i> , <b>2017</b> , 24, 481-494	7.8	34
308	Regression-based weight generation algorithm in neural network for solution of initial and boundary value problems. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 585-594	4.8	34
307	Fuzzy Differential Equations and Applications for Engineers and Scientists		34
306	Application of Differential Quadrature method in free vibration analysis of nanobeams based on various nonlocal theories. <i>Computers and Mathematics With Applications</i> , <b>2015</b> , 69, 1444-1462	2.7	33
305	<b>2016</b> ,		33
304	Vibration of Plates		33
303	Concepts of Soft Computing <b>2019</b> ,		32
302	A new method for solving real and complex fuzzy systems of linear equations. <i>Computational Mathematics and Modeling</i> , <b>2012</b> , 23, 507-518	0.5	32
301	Stability analysis of single-walled carbon nanotubes embedded in winkler foundation placed in a thermal environment considering the surface effect using a new refined beam theory. <i>Mechanics Based Design of Structures and Machines</i> , <b>2021</b> , 49, 581-595	1.7	32
300	Free vibration of functionally graded thin elliptic plates with various edge supports. <i>Structural Engineering and Mechanics</i> , <b>2015</b> , 53, 337-354		31
299	Hermite Functional Link Neural Network for Solving the Van der Pol-Duffing Oscillator Equation. <i>Neural Computation</i> , <b>2016</b> , 28, 1574-98	2.9	31
298	Free vibration of Euler and Timoshenko nanobeams using boundary characteristic orthogonal polynomials. <i>Applied Nanoscience (Switzerland)</i> , <b>2014</b> , 4, 347-358	3.3	30
297	Vibration based damage detection in a uniform strength beam using genetic algorithm. <i>Meccanica</i> , <b>2009</b> , 44, 697-710	2.1	30
296	Natural frequencies for free vibration of nonhomogeneous elliptic and circular plates using two-dimensional orthogonal polynomials. <i>Applied Mathematical Modelling</i> , <b>1997</b> , 21, 399-417	4.5	30
295	Identification of structural parameters of multistorey shear buildings from modal data. <i>Earthquake Engineering and Structural Dynamics</i> , <b>2005</b> , 34, 543-554	4	30
294	Recent Developments and Applications in Quantum Neural Network: A Review. <i>Archives of Computational Methods in Engineering</i> , <b>2019</b> , 26, 793-807	7.8	29
293	On New Solutions of Time-Fractional Wave Equations Arising in Shallow Water Wave Propagation. <i>Mathematics</i> , <b>2019</b> , 7, 722	2.3	29

292	Recent Research on Vibration of Structures Using Boundary Characteristic Orthogonal Polynomials in the Rayleigh-Ritz Method. <i>The Shock and Vibration Digest</i> , <b>1999</b> , 31, 187-194		28
291	New approach to solve fully fuzzy system of linear equations using single and double parametric form of fuzzy numbers. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2015</b> , 40, 35-49	1	26
290	Vibration and buckling characteristics of nonlocal beam placed in a magnetic field embedded in Winkler-Pasternak elastic foundation using a new refined beam theory: an analytical approach. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1	3.1	26
289	On the Solution of an Imprecisely Defined Nonlinear Time-Fractional Dynamical Model of Marriage. <i>Mathematics</i> , <b>2019</b> , 7, 689	2.3	25
288	Effect of non-homogeneity on natural frequencies of vibration of elliptic plates. <i>Meccanica</i> , <b>2007</b> , 42, 585-599	2.1	25
287	Artificial Neural Networks for Engineers and Scientists		25
286	Analytical solution of Bagley-Torvik equations using Sumudu transformation method. <i>SN Applied Sciences</i> , <b>2019</b> , 1, 1	1.8	25
285	Generalized power-law exponent based shear deformation theory for free vibration of functionally graded beams. <i>Applied Mathematics and Computation</i> , <b>2015</b> , 268, 1240-1258	2.7	24
284	Hygro-Magnetic Vibration of the Single-Walled Carbon Nanotube with Nonlinear Temperature Distribution Based on a Modified Beam Theory and Nonlocal Strain Gradient Model. <i>International Journal of Applied Mechanics</i> , <b>2020</b> , 12, 2050054	2.4	24
283	Comparison of neural network configurations in the long-range forecast of southwest monsoon rainfall over India. <i>Neural Computing and Applications</i> , <b>2008</b> , 17, 187-192	4.8	24
282	Dynamic behavior of an electromagnetic nanobeam using the Haar wavelet method and the higher-order Haar wavelet method. <i>European Physical Journal Plus</i> , <b>2019</b> , 134, 1	3.1	23
281	Non-probabilistic approach to investigate uncertain conjugate heat transfer in an imprecisely defined plate. <i>International Journal of Heat and Mass Transfer</i> , <b>2013</b> , 67, 445-454	4.9	23
280	Solving fuzzy complex system of linear equations. <i>Information Sciences</i> , <b>2014</b> , 277, 154-162	7.7	23
279	Dynamic responses of fractionally damped mechanical system using homotopy perturbation method. <i>AEJ - Alexandria Engineering Journal</i> , <b>2013</b> , 52, 557-562	6.1	23
278	Fuzzy finite element analysis of imprecisely defined structures with fuzzy nodal force. <i>Engineering Applications of Artificial Intelligence</i> , <b>2013</b> , 26, 2458-2466	7.2	23
277	Implementation of Haar wavelet, higher order Haar wavelet, and differential quadrature methods on buckling response of strain gradient nonlocal beam embedded in an elastic medium. <i>Engineering With Computers</i> , <b>2021</b> , 37, 1251-1264	4.5	23
276	Free Vibration Analysis of Variable Cross-Section Single-Layered Graphene Nano-Ribbons (SLGNRs) Using Differential Quadrature Method. <i>Frontiers in Built Environment</i> , <b>2018</b> , 4,	2.2	23
275	Implementation of non-probabilistic methods for stability analysis of nonlocal beam with structural uncertainties. <i>Engineering With Computers</i> , <b>2020</b> , 37, 2957	4.5	22

274	Differential Quadrature and Differential Transformation Methods in Buckling Analysis of Nanobeams. <i>Curved and Layered Structures</i> , <b>2019</b> , 6, 68-76	1.9	22
273	Dynamical behavior of nanobeam embedded in constant, linear, parabolic, and sinusoidal types of Winkler elastic foundation using first-Order nonlocal strain gradient model. <i>Materials Research Express</i> , <b>2019</b> , 6, 0850f2	1.7	21
272	Free vibration of non-uniform nanobeams using RayleighRitz method. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , <b>2015</b> , 67, 38-46	3	21
271	Static analysis of functionally graded thin rectangular plates with various boundary supports. <i>Archives of Civil and Mechanical Engineering</i> , <b>2015</b> , 15, 721-734	3.4	21
270	A New Approach to Fuzzy Initial Value Problem by Improved Euler Method. <i>Fuzzy Information and Engineering</i> , <b>2012</b> , 4, 293-312	0.5	21
269	Transverse vibration of triangular plates using characteristic orthogonal polynomials in two variables. <i>International Journal of Mechanical Sciences</i> , <b>1992</b> , 34, 947-955	5.5	21
268	Free Vibration of Single Walled Carbon Nanotube Resting on Exponentially Varying Elastic Foundation. <i>Curved and Layered Structures</i> , <b>2018</b> , 5, 260-272	1.9	21
267	Buckling Behavior of Nanobeams Placed in Electromagnetic Field Using Shifted Chebyshev Polynomials-Based Rayleigh-Ritz Method. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	20
266	A novel fractional nonlocal model and its application in buckling analysis of Euler-Bernoulli nanobeam. <i>Materials Research Express</i> , <b>2019</b> , 6, 055016	1.7	20
265	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2018</b> , 48, 1-10	7.3	19
264	Euler-based new solution method for fuzzy initial value problems. <i>International Journal of Artificial Intelligence and Soft Computing</i> , <b>2014</b> , 4, 58	0.1	19
263	Application of shifted Chebyshev polynomial-based RayleighRitz method and NavierB technique for vibration analysis of a functionally graded porous beam embedded in Kerr foundation. <i>Engineering With Computers</i> , <b>2020</b> , 37, 3569	4.5	19
262	Comparison of Artificial Neural Network Architecture in Solving Ordinary Differential Equations. <i>Advances in Artificial Neural Systems</i> , <b>2013</b> , 2013, 1-12		18
261	Fuzzy system of linear equations with crisp coefficients. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2013</b> , 25, 201-207	1.6	18
260	Neural network-based simulation for response identification of two-storey shear building subject to earthquake motion. <i>Neural Computing and Applications</i> , <b>2010</b> , 19, 367-375	4.8	18
259	Regression based weight generation algorithm in neural network for estimation of frequencies of vibrating plates. <i>Computer Methods in Applied Mechanics and Engineering</i> , <b>2006</b> , 195, 4194-4202	5.7	18
258	Boundary characteristic orthogonal polynomials in numerical approximation. <i>Communications in Numerical Methods in Engineering</i> , <b>1994</b> , 10, 1027-1043		18
257	Transverse vibration of circular and elliptic plates with quadratically varying thickness. <i>Applied Mathematical Modelling</i> , <b>1992</b> , 16, 269-274	4.5	18

256	Implementation of Hermite-Bitz method and Navier-B technique for vibration of functionally graded porous nanobeam embedded in Winkler-Pasternak elastic foundation using bi-Helmholtz nonlocal elasticity. <i>Journal of Mechanics of Materials and Structures</i> , <b>2020</b> , 15, 405-434	1.2	18
255	<b>2019</b> ,		18
254	Free Vibration Analysis of Single Walled Carbon Nanotube with Exponentially Varying Stiffness. <i>Curved and Layered Structures</i> , <b>2018</b> , 5, 201-212	1.9	18
253	Vibration characteristics of nanobeam with exponentially varying flexural rigidity resting on linearly varying elastic foundation using differential quadrature method. <i>Materials Research Express</i> , <b>2019</b> , 6, 085051	1.7	17
252	Natural convection of non-Newtonian nanofluid flow between two vertical parallel plates. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2019</b> , 29, 1984-2008	4.5	17
251	A novel analytical technique for the solution of time-fractional Ivancevic option pricing model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2020</b> , 550, 124380	3.3	17
250	Free vibration analysis of Euler-Bernoulli nanobeam using differential transform method. <i>International Journal of Computational Materials Science and Engineering</i> , <b>2018</b> , 07, 1850020	0.3	17
249	Solution to Fuzzy System of Linear Equations with Crisp Coefficients. <i>Fuzzy Information and Engineering</i> , <b>2013</b> , 5, 205-219	0.5	16
248	Modelling uncertainties in the diffusion-advection equation for radon transport in soil using interval arithmetic. <i>Journal of Environmental Radioactivity</i> , <b>2018</b> , 182, 165-171	2.4	16
247	Dynamic response of imprecisely defined beam subject to various loads using Adomian decomposition method. <i>Applied Soft Computing Journal</i> , <b>2014</b> , 24, 249-263	7.5	15
246	Effects of surface energy and surface residual stresses on vibro-thermal analysis of chiral, zigzag, and armchair types of SWCNTs using refined beam theory. <i>Mechanics Based Design of Structures and Machines</i> , <b>2020</b> , 1-15	1.7	15
245	Propagation of uncertainty in free vibration of Euler-Bernoulli nanobeam. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2019</b> , 41, 1	2	14
244	Transverse vibration of isotropic thick rectangular plates based on new inverse trigonometric shear deformation theories. <i>International Journal of Mechanical Sciences</i> , <b>2015</b> , 94-95, 211-231	5.5	14
243	Damage Identification of Multistory Shear Structure from Sparse Modal Information. <i>Journal of Computing in Civil Engineering</i> , <b>2013</b> , 27, 1-9	5	14
242	Solving transcendental equation using artificial neural network. <i>Applied Soft Computing Journal</i> , <b>2018</b> , 73, 562-571	7.5	14
241	A New Approach to nth Order Fuzzy Differential Equations. <i>Computational Mathematics and Modeling</i> , <b>2017</b> , 28, 278-300	0.5	13
240	Dynamic Response Analysis of Fractionally-Damped Generalized Bagley-Torvik Equation Subject to External Loads. <i>Russian Journal of Mathematical Physics</i> , <b>2020</b> , 27, 254-268	1.4	13
239	Free vibration of nonhomogeneous Timoshenko nanobeams. <i>Meccanica</i> , <b>2014</b> , 49, 51-67	2.1	13

238	Regression-based neural network training for the solution of ordinary differential equations. <i>International Journal of Mathematical Modelling and Numerical Optimisation</i> , <b>2013</b> , 4, 136	0.3	13
237	Analysis of axially temperature-dependent functionally graded carbon nanotube reinforced composite plates. <i>Engineering With Computers</i> , 1	4.5	13
236	Q-Homotopy Analysis Aboodh Transform Method based solution of proportional delay time-fractional partial differential equations. <i>Journal of Interdisciplinary Mathematics</i> , <b>2019</b> , 22, 931-950	1.2	13
235	On the solution of time-fractional dynamical model of Brusselator reaction-diffusion system arising in chemical reactions. <i>Mathematical Methods in the Applied Sciences</i> , <b>2020</b> , 43, 3903	2.3	12
234	Non probabilistic solution of uncertain neutron diffusion equation for imprecisely defined homogeneous bare reactor. <i>Annals of Nuclear Energy</i> , <b>2013</b> , 62, 251-259	1.7	12
233	Transverse Vibration Of Annular Circular And Elliptic Plates Using The Characteristic Orthogonal Polynomials In Two Dimensions. <i>Journal of Sound and Vibration</i> , <b>1993</b> , 162, 537-546	3.9	12
232	SIR epidemic model of childhood diseases through fractional operators with Mittag-Leffler and exponential kernels. <i>Mathematics and Computers in Simulation</i> , <b>2021</b> , 182, 514-534	3.3	12
231	Effect of scaling effect parameters on the vibration characteristics of nanoplates. <i>JVC/Journal of Vibration and Control</i> , <b>2016</b> , 22, 2389-2399	2	11
230	Solitary wave solution for a generalized Hirota-Satsuma coupled KdV and MKdV equations: A semi-analytical approach. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 2877-2889	6.1	11
229	Dynamic Analysis of Single-Layered Graphene Nano-Ribbons (SLGNRs) with Variable Cross-Section Resting on Elastic Foundation. <i>Curved and Layered Structures</i> , <b>2019</b> , 6, 132-145	1.9	11
228	Static and Dynamic Problems of Nanobeams and Nanoplates <b>2016</b> ,		11
227	Free vibration analysis of elliptic and circular plates having rectangular orthotropy. <i>Structural Engineering and Mechanics</i> , <b>1999</b> , 7, 53-67		11
226	Formal solution of an interval system of linear equations with an application in static responses of structures with interval forces. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 50, 105-117	4.5	10
225	Identification of Structural Parameters of Two-storey Shear Buildings by the Iterative Training of Neural Networks. <i>Architectural Science Review</i> , <b>2007</b> , 50, 380-384	2.6	10
224	Numerical Solution of n-th Order Fuzzy Linear Differential Equations by Homotopy Perturbation Method. <i>International Journal of Computer Applications</i> , <b>2013</b> , 64, 5-10	1.1	10
223	A Sign Function Approach to Solve Algebraically Interval System of Linear Equations for Nonnegative Solutions. <i>Fundamenta Informaticae</i> , <b>2017</b> , 152, 13-31	1	9
222	Single layer Chebyshev neural network model with regression-based weights for solving nonlinear ordinary differential equations. <i>Evolutionary Intelligence</i> , <b>2020</b> , 13, 687-694	1.7	9
221	Vibration of Nonhomogeneous Orthotropic Elliptic and Circular Plates With Variable Thickness. <i>Journal of Vibration and Acoustics, Transactions of the ASME</i> , <b>2007</b> , 129, 256-259	1.6	9

220	Fuzzy finite element method for solving uncertain heat conduction problems. <i>Coupled Systems Mechanics</i> , <b>2012</b> , 1, 345-360		9
219	Mathematics of Uncertainty Modeling in the Analysis of Engineering and Science Problems. <i>Advances in Computational Intelligence and Robotics Book Series</i> , <b>2014</b> ,	0.4	9
218	Fuzzy Finite Element based Solution of Uncertain Static Problems of Structural Mechanics. <i>International Journal of Computer Applications</i> , <b>2013</b> , 69, 6-11	1.1	9
217	Filtering Algorithm for Real Eigenvalue Bounds of Interval and Fuzzy Generalized Eigenvalue Problems. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering</i> , <b>2016</b> , 2,	1.4	9
216	On the wave solutions of time-fractional Sawada-Kotera-Ito equation arising in shallow water. <i>Mathematical Methods in the Applied Sciences</i> , <b>2021</b> , 44, 583-592	2.3	9
215	Numerical simulation of magnetohydrodynamics nanofluid flow in a semi-porous channel with a new approach in the least square method. <i>International Communications in Heat and Mass Transfer</i> , <b>2021</b> , 121, 105085	5.8	9
214	Effect of Coriolis constant on Geophysical Korteweg-de Vries equation. <i>Journal of Ocean Engineering and Science</i> , <b>2019</b> , 4, 113-121	4.4	8
213	Stability analysis of nanobeams in hygrothermal environment based on a nonlocal strain gradient Timoshenko beam model under nonlinear thermal field. <i>Journal of Computational Design and Engineering</i> , <b>2020</b> , 7, 685-699	4.6	8
212	Flexural vibration of functionally graded thin skew plates resting on elastic foundations. <i>International Journal of Dynamics and Control</i> , <b>2018</b> , 6, 97-121	1.7	8
211	Comparison of solutions of linear and non-linear shallow water wave equations using homotopy perturbation method. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> , <b>2017</b> , 27, 2015-2029	4.5	8
210	Buckling analysis of nanobeams with exponentially varying stiffness by differential quadrature method. <i>Chinese Physics B</i> , <b>2017</b> , 26, 074602	1.2	8
209	Vibration and buckling analyses of nanobeams embedded in an elastic medium. <i>Chinese Physics B</i> , <b>2015</b> , 24, 097305	1.2	8
208	Modeling vibration frequencies of annular plates by regression based neural network. <i>Applied Soft Computing Journal</i> , <b>2009</b> , 9, 439-447	7.5	8
207	Filtering algorithm for eigenvalue bounds of fuzzy symmetric matrices. <i>Engineering Computations</i> , <b>2016</b> , 33,	1.4	8
206	Natural frequencies of shear deformed functionally graded beams using inverse trigonometric functions. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , <b>2017</b> , 39, 3295-3313	2	7
205	Connectionist model for solving static structural problems with fuzzy parameters. <i>Applied Soft Computing Journal</i> , <b>2019</b> , 78, 221-229	7.5	7
204	Coupled transform method for time-space fractional Black-Scholes option pricing model. <i>AEJ - Alexandria Engineering Journal</i> , <b>2020</b> , 59, 3239-3246	6.1	7
203	Solving fully interval linear systems of equations using tolerable solution criteria. <i>Soft Computing</i> , <b>2018</b> , 22, 4811-4818	3.5	7



202	Numerical solution of fractionally damped beam by homotopy perturbation method. <i>Open Physics</i> , <b>2013</b> , 11,	1.3	7
201	Numerical Solution of Uncertain Beam Equations Using Double Parametric Form of Fuzzy Numbers. <i>Applied Computational Intelligence and Soft Computing</i> , <b>2013</b> , 2013, 1-8	2.7	7
200	New ranking function for fuzzy linear programming problem and system of linear equations. <i>Journal of Information and Optimization Sciences</i> , <b>2019</b> , 40, 141-156	1.1	7
199	Quantum neural network based machine translator for English to Hindi. <i>Applied Soft Computing Journal</i> , <b>2016</b> , 38, 1060-1075	7.5	6
198	Novel fuzzy linguistic based mathematical model to assess risk of invasive alien plant species. <i>Applied Soft Computing Journal</i> , <b>2017</b> , 59, 326-339	7.5	6
197	Parameter Identification of Multistorey Frame Structure from Uncertain Dynamic Data. <i>Strojniski Vestnik/Journal of Mechanical Engineering</i> , <b>2015</b> , 60, 331-338	1.3	6
196	Stability analysis of Timoshenko nanobeam with material uncertainties using a double-parametric form-based analytical approach and Monte Carlo simulation technique. <i>European Physical Journal Plus</i> , <b>2020</b> , 135, 1	3.1	6
195	FUZZY CENTRE BASED SOLUTION OF FUZZY COMPLEX LINEAR SYSTEM OF EQUATIONS. <i>International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems</i> , <b>2013</b> , 21, 629-642	0.8	6
194	Fuzzified Data Based Neural Network Modeling for Health Assessment of Multistorey Shear Buildings. <i>Advances in Artificial Neural Systems</i> , <b>2013</b> , 2013, 1-12		6
193	Influence of Aerodynamic Loads on Flight Trajectory of Spinning Spherical Projectile. <i>AIAA Journal</i> , <b>2001</b> , 39, 122-125	2.1	6
192	New Aspects of ZZ Transform to Fractional Operators With Mittag-Leffler Kernel. <i>Frontiers in Physics</i> , <b>2020</b> , 8,	3.9	6
191	Functionally Graded Beams <b>2016</b> , 33-66		6
190	A new modeling and existence uniqueness analysis for Babesiosis disease of fractional order. <i>Modern Physics Letters B</i> , 2150443	1.6	6
189	Solving uncertain differential equations using interval legendre polynomials based collocation method. <i>Journal of Interdisciplinary Mathematics</i> , <b>2019</b> , 22, 473-491	1.2	5
188	Numerical solution of uncertain neutron diffusion equation for imprecisely defined homogeneous triangular bare reactor. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , <b>2015</b> , 40, 2095-2109	1	5
187	Time-Fractional Order Biological Systems with Uncertain Parameters. <i>Synthesis Lectures on Mathematics and Statistics</i> , <b>2020</b> , 12, 1-160	0.6	5
186	Functional link neural network approach to solve structural system identification problems. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 3327-3338	4.8	5
185	Neural Network based Parts of Speech Tagger for Hindi. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , <b>2014</b> , 47, 519-524		5

184	Static analysis of nanobeams using RayleighRitz method. <i>Journal of Mechanics of Materials and Structures</i> , <b>2017</b> , 12, 603-616	1.2	5
183	Quantum neural network based machine translator for Hindi to English. <i>Scientific World Journal, The</i> , <b>2014</b> , 2014, 485737	2.2	5
182	Non-probabilistic solutions of imprecisely defined fractional-order diffusion equations. <i>Chinese Physics B</i> , <b>2014</b> , 23, 120202	1.2	5
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