

Tasawar Hayat

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/455709/tasawar-hayat-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

481
papers

14,502
citations

61
h-index

98
g-index

492
ext. papers

16,824
ext. citations

4.1
avg, IF

7.39
L-index

#	Paper	IF	Citations
481	Ergodic stationary distribution and extinction of a staged progression HIV/AIDS infection model with nonlinear stochastic perturbations. <i>Nonlinear Dynamics</i> , 2022 , 107, 3863	5	
480	Computational treatment of statistical declaration probable error for flow of nanomaterials with irreversibility. <i>Advances in Mechanical Engineering</i> , 2022 , 14, 168781402110709	1.2	
479	Gradient-based Iterative Parameter Estimation for a Finite Impulse Response System with Saturation Nonlinearity. <i>International Journal of Control, Automation and Systems</i> , 2022 , 20, 73-83	2.9	0
478	Influence of Fear Effect on Bifurcation Dynamics of Predator-prey System in a Predator-poisoned Environment. <i>Qualitative Theory of Dynamical Systems</i> , 2022 , 21, 1	0.8	
477	Stationary Distribution, Extinction and Probability Density Function of a Stochastic Vegetation-Water Model in Arid Ecosystems. <i>Journal of Nonlinear Science</i> , 2022 , 32, 1	2.8	1
476	Significance of Entropy Generation and the Coriolis Force on the Three-Dimensional Non-Darcy Flow of Ethylene-Glycol Conveying Carbon Nanotubes (SWCNTs and MWCNTs). <i>Journal of Non-Equilibrium Thermodynamics</i> , 2022 , 47, 61-75	3.8	18
475	Stationary distribution and density function analysis of stochastic susceptible-vaccinated-infected-recovered (SVIR) epidemic model with vaccination of newborns. <i>Mathematical Methods in the Applied Sciences</i> , 2022 , 45, 3401-3416	2.3	0
474	A novel nonlinear optimization method for fitting a noisy Gaussian activation function. <i>International Journal of Adaptive Control and Signal Processing</i> , 2022 , 36, 690-707	2.8	2
473	Stability and Bifurcation Analysis for a Nitrogen-Fixing Evolutionary Game with Environmental Feedback and Discrete Delays. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2022 , 32,	2	1
472	Entropy optimized flow of Jeffrey fluid with radiation effect over a stretched surface. <i>Advances in Mechanical Engineering</i> , 2022 , 14, 168781322210954	1.2	
471	Mixed convective flow of CNTs nanofluid subject to varying viscosity and reactions. <i>Scientific Reports</i> , 2021 , 11, 22838	4.9	6
470	Parameter estimation for an exponential autoregressive time series model by the Newton search and multi-innovation theory. <i>International Journal of Systems Science</i> , 2021 , 52, 2630-2645	2.3	
469	Hierarchical recursive signal modeling for multifrequency signals based on discrete measured data. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 676-693	2.8	32
468	Recursive least squares estimation methods for a class of nonlinear systems based on non-uniform sampling. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021 , 35, 1612-1632	2.8	1
467	Irreversibility analysis of carbon nanotubes subject to rotating frame. <i>Physica Scripta</i> , 2021 , 96, 095209	2.6	
466	Stationary distribution and density function expression for a stochastic SIQRS epidemic model with temporary immunity. <i>Nonlinear Dynamics</i> , 2021 , 105, 1-25	5	0
465	Decomposition-based over-parameterization forgetting factor stochastic gradient algorithm for Hammerstein-Wiener nonlinear systems with non-uniform sampling. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6007-6024	3.6	4

464	Modeling and analysis of peristalsis of hybrid nanofluid with entropy generation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 143, 1231-1249	4.1	6
463	Correlation Analysis-based Stochastic Gradient and Least Squares Identification Methods for Errors-in-variables Systems Using the Multiinnovation. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 289-300	2.9	5
462	Gyrotactic microorganism and bio-convection during flow of Prandtl-Eyring nanomaterial. <i>Nonlinear Engineering</i> , 2021 , 10, 201-212	3	7
461	Numerical treatment of melting heat transfer and entropy generation in stagnation point flow of hybrid nanomaterials (SWCNT-MWCNT/engine oil). <i>Modern Physics Letters B</i> , 2021 , 35, 2150102	1.6	11
460	Analysis of entropy production and activation energy in hydromagnetic rotating flow of nanoliquid with velocity slip and convective conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2021 , 146, 2561-2571	4.1	7
459	Extended Gradient-based Iterative Algorithm for Bilinear State-space Systems with Moving Average Noises by Using the Filtering Technique. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 1597-1606	2.9	11
458	Stationary distribution and probability density function of a stochastic SVIS epidemic model with standard incidence and vaccination strategies. <i>Chaos, Solitons and Fractals</i> , 2021 , 143, 110601	9.3	7
457	Auxiliary model-based iterative parameter estimation for a nonlinear output-error system with saturation and dead-zone nonlinearity. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 4262-4286	3.6	4
456	Rotating flow of viscous nanomaterial with radiation and entropy generation. <i>Advances in Mechanical Engineering</i> , 2021 , 13, 168781402110421	1.2	0
455	Aitken-based Acceleration Estimation Algorithms for a Nonlinear Model with Exponential Terms by Using the Decomposition. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 3720	2.9	0
454	Darcy-Forchheimer characteristics of viscoelastic stratified nanoliquid by convectively heated permeable surface. <i>Thermal Science</i> , 2021 , 25, 1057-1065	1.2	
453	Stationary distribution and extinction of a stochastic staged progression AIDS model with staged treatment and second-order perturbation. <i>Chaos, Solitons and Fractals</i> , 2020 , 140, 110238	9.3	14
452	Parameter estimation for time-delay systems based on the frequency responses and harmonic balance methods. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1779-1798	2.8	0
451	Entropy analysis for the peristaltic flow of third grade fluid with variable thermal conductivity. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	5
450	Data filtering-based parameter and state estimation algorithms for state-space systems disturbed by coloured noises. <i>International Journal of Systems Science</i> , 2020 , 51, 1669-1684	2.3	5
449	Features of Cattaneo-Christov heat flux model for Stagnation point flow of a Jeffrey fluid impinging over a stretching sheet: A numerical study. <i>Heat Transfer</i> , 2020 , 49, 2706-2716	3.1	11
448	Entropy analysis for the peristalsis flow with homogeneous/heterogeneous reaction. <i>European Physical Journal Plus</i> , 2020 , 135, 1	3.1	7
447	Maximum likelihood-based gradient estimation for multivariable nonlinear systems using the multiinnovation identification theory. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 5446-5463	3.6	5

446	Recursive Identification of Errors-in-Variables Systems Based on the Correlation Analysis. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 5951-5981	2.2	2
445	Moving data window gradient-based iterative algorithm of combined parameter and state estimation for bilinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2413-2429	3.6	8
444	Soret and Dufour effects in the flow of viscous fluid by a curved stretching surface 2020 , 94, 1		12
443	The Integrated Design of a Novel Secondary Control and Robust Optimal Energy Management for Photovoltaic-Storage System Considering Generation Uncertainty. <i>Electronics (Switzerland)</i> , 2020 , 9, 69	2.6	2
442	Simultaneous removal of U(VI) and Re(VII) by highly efficient functionalized ZIF-8 nanosheets adsorbent. <i>Journal of Hazardous Materials</i> , 2020 , 393, 122398	12.8	27
441	Recursive methods for estimating the radial basis function-based state-dependent autoregressive model. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 2475-2492	3.6	6
440	Characterization of Marangoni Forced Convection in Casson Nanoliquid Flow with Joule Heating and Irreversibility. <i>Entropy</i> , 2020 , 22,	2.8	5
439	Data filtering-based recursive identification for an exponential autoregressive moving average model by using the multi-innovation theory. <i>IET Control Theory and Applications</i> , 2020 , 14, 2526-2534	2.5	1
438	Double stratified flow of nanofluid subject to temperature based thermal conductivity and heat source. <i>Thermal Science</i> , 2020 , 24, 1157-1171	1.2	4
437	Inclined magnetic field effects on Marangoni flow of Carreau liquid. <i>Thermal Science</i> , 2020 , 24, 1131-1141	1.2	2
436	Impact of arrhenius activation energy in viscoelastic nanomaterial flow subject to binary chemical reaction and non-linear mixed convection. <i>Thermal Science</i> , 2020 , 24, 1143-1155	1.2	2
435	Non-linear thermal radiation and magnetic field effects on the flow Carreau nanofluid with convective conditions. <i>Thermal Science</i> , 2020 , 24, 1217-1228	1.2	
434	Adaptive decentralised control for large-scale non-linear non-strict-feedback interconnected systems with time-varying asymmetric output constraints and dead-zone inputs. <i>IET Control Theory and Applications</i> , 2020 , 14, 3417-3427	2.5	1
433	Improved least-squares identification for multiple-output non-linear stochastic systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 964-971	2.5	3
432	Partially-coupled gradient-based iterative algorithms for multivariable output-error-like systems with autoregressive moving average noises. <i>IET Control Theory and Applications</i> , 2020 , 14, 2613-2627	2.5	43
431	Darcy-Borchheimer three-dimensional flow of carbon nanotubes with nonlinear thermal radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 2711-2720	4.1	6
430	Electrochemically Derived Graphene-Like Carbon Film as a Superb Substrate for High-Performance Aqueous Zn-Ion Batteries. <i>Advanced Functional Materials</i> , 2020 , 30, 1907120	15.6	44
429	Photocatalytic Removal of U(VI) from Wastewater via Synergistic Carbon-Supported Zero-Valent Iron Nanoparticles and <i>S. Putrefaciens</i> . <i>ACS Applied Nano Materials</i> , 2020 , 3, 1131-1138	5.6	11

428	Joint Multi-innovation Recursive Extended Least Squares Parameter and State Estimation for a Class of State-space Systems. <i>International Journal of Control, Automation and Systems</i> , 2020 , 18, 1412-1424	2.9	35
427	The enhanced photodegradation of bisphenol A by TiO/CN composites. <i>Environmental Research</i> , 2020 , 182, 109090	7.9	23
426	Eyring-Powell nanofluid flow with nonlinear mixed convection: Entropy generation minimization. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 186, 105183	6.9	32
425	Chemical reactive flow of Jeffrey fluid due to a rotating disk with non-Fourier heat flux theory. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 140, 2461-2470	4.1	3
424	Dynamical behavior of stochastic predator-prey models with distributed delay and general functional response. <i>Stochastic Analysis and Applications</i> , 2020 , 38, 403-426	1.1	5
423	VIKOR method for multiple criteria group decision making under 2-tuple linguistic neutrosophic environment. <i>Economic Research-Ekonomika Istrazivanja</i> , 2020 , 33, 3185-3208	2.5	16
422	Maximum likelihood-based adaptive differential evolution identification algorithm for multivariable systems in the state-space form. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1658-1676	2.8	2
421	Three-stage least squares-based iterative estimation algorithms for bilinear state-space systems based on the bilinear state estimator. <i>International Journal of Adaptive Control and Signal Processing</i> , 2020 , 34, 1501-1518	2.8	1
420	Parameter identification of a nonlinear radial basis function-based state-dependent autoregressive network with autoregressive noise via the filtering technique and the multiinnovation theory. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 7619-7634	3.6	1
419	Entropy optimization for peristalsis of Rabinowitsch nanomaterial. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 4177-4190	3.3	3
418	Significance of homogeneous/heterogeneous reactions in Darcy-Forchheimer three-dimensional rotating flow of carbon nanotubes. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 183-195	4.1	29
417	Flow of Fe ₃ O ₄ nanofluid with dust and nanoparticles. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 3115-3122	3.3	7
416	Nonlinear radiative heat flux in Oldroyd-B nanofluid flow with Soret and Dufour effects. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 3103-3113	3.3	8
415	Influence of stochastic perturbation on an SIRI epidemic model with relapse. <i>Applicable Analysis</i> , 2020 , 99, 549-568	0.8	1
414	MABAC method for multiple attribute group decision making under picture 2-tuple linguistic environment. <i>Soft Computing</i> , 2020 , 24, 5819-5829	3.5	32
413	Stationary Distribution and Extinction of a Stochastic HIV-1 Infection Model with Distributed Delay and Logistic Growth. <i>Journal of Nonlinear Science</i> , 2020 , 30, 369-395	2.8	8
412	Magnetohydrodynamic flow of Maxwell nanofluid with binary chemical reaction and Arrhenius activation energy. <i>Applied Nanoscience (Switzerland)</i> , 2020 , 10, 2951-2963	3.3	8
411	Transportation of entropy optimization in radiated chemically dissipative flow of Prandtl-Eyring nanofluid with activation energy. <i>Computer Methods and Programs in Biomedicine</i> , 2020 , 184, 105130	6.9	11

410	Hydromagnetic squeezed flow of second-grade nanomaterials between two parallel disks. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 2067-2077	4.1	7
409	Numerical study for peristalsis of Sisko nanomaterials with entropy generation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020 , 139, 2129-2143	4.1	9
408	Solitary Wave Solutions of Some Nonlinear Physical Models Using Riccati Equation Approach. <i>Acta Mathematicae Applicatae Sinica</i> , 2020 , 36, 401-418	0.3	
407	Entropy generation in nanofluid flow of Walters-B fluid with homogeneous-heterogeneous reactions. <i>Mathematical Methods in the Applied Sciences</i> , 2020 , 43, 5657-5672	2.3	6
406	Spiral wave in a two-layer neuronal network. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 2371-2379		7
405	Analysis of entropy generation in peristalsis of Williamson fluid in curved channel under radial magnetic field. <i>Computer Methods and Programs in Biomedicine</i> , 2019 , 180, 105013	6.9	9
404	Eliminating Charge Accumulation via Interfacial Dipole for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 34964-34972	9.5	30
403	Multi-Agent-System-Based Bi-level Bidding Strategy of Microgrid with Game Theory in the Electricity Market. <i>Electric Power Components and Systems</i> , 2019 , 47, 703-719	1	4
402	Entropy generation minimisation: Nonlinear mixed convective flow of Sisko nanofluid 2019 , 93, 1		5
401	Enhancing the Phase Stability of Inorganic CsPbI ₃ by the Bication-Conjugated Organic Molecule for Efficient Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 37720-37725	9.5	36
400	Mechanism insights into tunable photoluminescence of carbon dots by hydroxyl radicals. <i>Journal of Materials Science</i> , 2019 , 54, 6140-6150	4.3	16
399	Nonlinear convective flow of Maxwell nanofluid past a stretching cylinder with thermal radiation and chemical reaction. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	19
398	Large-grained formamidinium-based films via a 2DBD conversion mechanism for high-performance perovskite solar cells without anti-solvent. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 1341-1348	13	10
397	Gradient-Based Iterative Parameter Estimation Algorithms for Dynamical Systems from Observation Data. <i>Mathematics</i> , 2019 , 7, 428	2.3	45
396	Maximum likelihood gradient identification for multivariate equation-error moving average systems using the multi-innovation theory. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 1031-1046	2.8	1
395	Numerical Simulation for Radiated Flow in Rotating Channel with Homogeneous-Heterogeneous Reactions. <i>Journal of Non-Equilibrium Thermodynamics</i> , 2019 , 44, 355-362	3.8	7
394	Asymptotical stability analysis of Riemann-Liouville q-fractional neutral systems with mixed delays. <i>Mathematical Methods in the Applied Sciences</i> , 2019 , 42, 4876-4888	2.3	1
393	Advances in pantographic structures: design, manufacturing, models, experiments and image analyses. <i>Continuum Mechanics and Thermodynamics</i> , 2019 , 31, 1231-1282	3.5	153

392	Physical aspects of irreversibility in radiative flow of viscous material with cubic autocatalysis chemical reaction. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	15
391	Decomposition-based Gradient Estimation Algorithms for Multivariable Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2037-2045	2.9	3
390	Synthesis of nanoscale zero-valent iron loaded chitosan for synergistically enhanced removal of U(VI) based on adsorption and reduction. <i>Journal of Colloid and Interface Science</i> , 2019 , 552, 735-743	9.3	48
389	Numerical simulation for Darcy-Forchheimer 3D rotating flow subject to binary chemical reaction and Arrhenius activation energy. <i>Journal of Central South University</i> , 2019 , 26, 1250-1259	2.1	11
388	High-Quality (FA) _x (MA) _{1-x} PbI ₃ for Efficient Perovskite Solar Cells via a Facile Cation-Intermixing Technique. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 11760-11768	8.3	18
387	Features of Darcy-Forchheimer flow of carbon nanofluid in frame of chemical species with numerical significance. <i>Journal of Central South University</i> , 2019 , 26, 1260-1270	2.1	12
386	Two-stage Recursive Least Squares Parameter Estimation Algorithm for Multivariate Output-error Autoregressive Moving Average Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1547-1557	2.9	0
385	A Giga-Stable Oscillator with Hidden and Self-Excited Attractors: A Megastable Oscillator Forced by His Twin. <i>Entropy</i> , 2019 , 21,	2.8	6
384	Numerical treatment for Darcy-Forchheimer flow of carbon nanotubes due to an exponentially stretching curved surface. <i>Journal of Central South University</i> , 2019 , 26, 865-872	2.1	11
383	A Hierarchical Approach for Joint Parameter and State Estimation of a Bilinear System with Autoregressive Noise. <i>Mathematics</i> , 2019 , 7, 356	2.3	24
382	Structural Evolution and Compositional Modulation of ZIF-8-Derived Hybrids Comprised of Metallic Ni Nanoparticles and Silica as Interlayer. <i>Inorganic Chemistry</i> , 2019 , 58, 7255-7266	5.1	73
381	On mechanically driven biological stimulus for bone remodeling as a diffusive phenomenon. <i>Biomechanics and Modeling in Mechanobiology</i> , 2019 , 18, 1639-1663	3.8	38
380	Coupling g-CN nanosheets with metal-organic frameworks as 2D/3D composite for the synergetic removal of uranyl ions from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 550, 117-127	9.3	53
379	An optimal study for 3D rotating flow of Oldroyd-B nanofluid with convectively heated surface. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	16
378	Maximum likelihood-based recursive least-squares estimation for multivariable systems using the data filtering technique. <i>International Journal of Systems Science</i> , 2019 , 50, 1121-1135	2.3	5
377	Maximum Likelihood Recursive Identification for the Multivariate Equation-Error Autoregressive Moving Average Systems Using the Data Filtering. <i>IEEE Access</i> , 2019 , 7, 41154-41163	3.5	32
376	Dynamical behavior of a hybrid switching SIS epidemic model with vaccination and Lévy jumps. <i>Stochastic Analysis and Applications</i> , 2019 , 37, 388-411	1.1	6
375	Carboxymethyl cellulose supported magnetic graphene oxide composites by plasma induced technique and their highly efficient removal of uranium ions. <i>Cellulose</i> , 2019 , 26, 4039-4060	5.5	21

374	Peristaltic motion of Sisko fluid in an inclined asymmetric tapered channel with nonlinear radiation. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 138, 545-558	4.1	17
373	Axisymmetric flow by a rotating disk with Cattaneo-Christov heat flux. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	4
372	Low-Temperature Annealed Perovskite Films: A Trade-Off between Fast and Retarded Crystallization via Solvent Engineering. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 16704-16712	9.5	19
371	A C60/TiO _x bilayer for conformal growth of perovskite films for UV stable perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 11086-11094	13	53
370	Modeling and analysis for magnetic dipole impact in nonlinear thermally radiating Carreau nanofluid flow subject to heat generation. <i>Journal of Magnetism and Magnetic Materials</i> , 2019 , 485, 197-204	2.8	81
369	Highly efficient parameter estimation algorithms for Hammerstein non-linear systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 477-485	2.5	10
368	Entropy generation in Darcy-Borchheimer flow of nanofluid with five nanoarticles due to stretching cylinder. <i>Applied Nanoscience (Switzerland)</i> , 2019 , 9, 1649-1659	3.3	14
367	Long-time behaviour of a stochastic chemostat model with distributed delay. <i>Stochastics</i> , 2019 , 91, 1141-1163	6.1	1
366	Theoretical investigation of chemically reactive flow of water-based carbon nanotubes (single-walled and multiple walled) with melting heat transfer 2019 , 92, 1		21
365	Decontamination of U(VI) on graphene oxide/AlO composites investigated by XRD, FT-IR and XPS techniques. <i>Environmental Pollution</i> , 2019 , 248, 332-338	9.3	54
364	Adaptive Neural Globally Asymptotic Tracking Control for a Class of Uncertain Nonlinear Systems. <i>IEEE Access</i> , 2019 , 7, 19054-19062	3.5	7
363	Maximum Likelihood-Based Recursive Least-Squares Algorithm for Multivariable Systems with Colored Noises Using the Decomposition Technique. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 986-1004	2.2	6
362	Nonlinear Computational Treatment for Couple Stress Fluid Flow with Cattaneo-Christov Double Diffusion and Homogeneous-Heterogeneous Reactions. <i>International Journal of Chemical Reactor Engineering</i> , 2019 , 17,	1.2	2
361	An Event-Triggered Secondary Control Strategy With Network Delay in Islanded Microgrids. <i>IEEE Systems Journal</i> , 2019 , 13, 1851-1860	4.3	30
360	Thermally radiated squeezed flow of magneto-nanofluid between two parallel disks with chemical reaction. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 135, 1021-1030	4.1	23
359	Maximum likelihood gradient-based iterative estimation for multivariable systems. <i>IET Control Theory and Applications</i> , 2019 , 13, 1683-1691	2.5	4
358	Some q-rung orthopair fuzzy Hamy mean operators in multiple attribute decision-making and their application to enterprise resource planning systems selection. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2429-2458	8.4	57
357	Recursive Algorithms for Multivariable Output-Error-Like ARMA Systems. <i>Mathematics</i> , 2019 , 7, 558	2.3	29

356	Entropy generation optimisation in the nanofluid flow of a second grade fluid with nonlinear thermal radiation 2019 , 93, 1		7
355	Parameter estimation for a special class of nonlinear systems by using the over-parameterisation method and the linear filter. <i>International Journal of Systems Science</i> , 2019 , 50, 1689-1702	2.3	1
354	Recursive Identification Algorithms for a Class of Linear Closed-loop Systems. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 3194-3204	2.9	4
353	Adaptive Neural Fault-Tolerant Control for a Class of Stochastic Switched Nonlinear Systems. <i>IEEE Access</i> , 2019 , 7, 93219-93228	3.5	3
352	Entropy optimization in cubic autocatalysis chemical reactive flow of Williamson fluid subjected to viscous dissipation and uniform magnetic field. <i>Journal of Central South University</i> , 2019 , 26, 1218-1232	2.1	11
351	High-Efficiency Three-Party Quantum Key Agreement Protocol with Quantum Dense Coding and Bell States. <i>International Journal of Theoretical Physics</i> , 2019 , 58, 2834-2846	1.1	8
350	On existence and uniqueness of weak solutions for linear pantographic beam lattices models. <i>Continuum Mechanics and Thermodynamics</i> , 2019 , 31, 1843-1861	3.5	20
349	Some q-rung interval-valued orthopair fuzzy Maclaurin symmetric mean operators and their applications to multiple attribute group decision making. <i>International Journal of Intelligent Systems</i> , 2019 , 34, 2769-2806	8.4	20
348	Entropy optimization in Ag-H ₂ O and Cu-H ₂ O nanomaterial flow with cubic autocatalysis chemical reaction. <i>European Physical Journal Plus</i> , 2019 , 134, 1	3.1	3
347	Homogeneous-heterogeneous reactions in MHD radiative flow of second grade fluid due to a curved stretching surface. <i>International Journal of Heat and Mass Transfer</i> , 2019 , 145, 118781	4.9	31
346	Chemically reactive flow of thixotropic nanofluid with thermal radiation 2019 , 93, 1		4
345	Consequences of chemical reaction in temperature-dependent thermal conductivity fluid flow by a rotating disk with variable thickness 2019 , 93, 1		2
344	Antimonotonicity and multistability in a fractional order memristive chaotic oscillator. <i>European Physical Journal: Special Topics</i> , 2019 , 228, 1969-1981	2.3	5
343	Advanced partial nucleation for single-phase FA _{0.92} MA _{0.08} PbI ₃ -based high-efficiency perovskite solar cells. <i>Science China Materials</i> , 2019 , 62, 1846-1856	7.1	6
342	Partially-Coupled Recursive Least Squares Algorithm for Multivariate Systems Based on the Model Transformation. <i>IEEE Access</i> , 2019 , 7, 123086-123097	3.5	2
341	Significance of improved Fourier-Fick laws in non-linear convective micropolar material stratified flow with variable properties. <i>Thermal Science</i> , 2019 , 23, 3809-3815	1.2	2
340	A generalized Fourier and Fick's perspective for stretching flow of burgers fluid with temperature-dependent thermal conductivity. <i>Thermal Science</i> , 2019 , 23, 3425-3432	1.2	1
339	Multi-innovation gradient estimation algorithms for multivariate equation-error autoregressive moving average systems based on the filtering technique. <i>IET Control Theory and Applications</i> , 2019 , 13, 2086-2094	2.5	1

338	Effect of Porous Medium in Stagnation Point Flow of Ferrofluid Due to a Variable Convected Thickened Sheet. <i>Journal of Heat Transfer</i> , 2019 , 141,	1.8	2
337	Recursive parameter and state estimation methods for observability canonical state-space models exploiting the hierarchical identification principle. <i>IET Control Theory and Applications</i> , 2019 , 13, 2538-2545	2.5	5
336	Darcy-Borchheimer flow of carbon nanotubes due to a convectively heated rotating disk with homogeneous-heterogeneous reactions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 137, 1939-1949	4.1	24
335	Study on the Stability of Ammonium Iodide-Based Mixed-Dimensional Perovskite Solar Cells under Different Humidity (Solar RRL 2019). <i>Solar Rrl</i> , 2019 , 3, 1970023	7.1	
334	Physical Aspects of MHD Nonlinear Radiative Heat Flux in Flow of Thixotropic Nanomaterial 2019 , 43, 2043-2054		3
333	Bi-functional additive engineering for high-performance perovskite solar cells with reduced trap density. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 6450-6458	13	103
332	Exploration of the adsorption performance and mechanism of zeolitic imidazolate framework-8@graphene oxide for Pb(II) and 1-naphthylamine from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 2019 , 542, 410-420	9.3	75
331	Two-stage multi-innovation stochastic gradient algorithm for multivariate output-error ARMA systems based on the auxiliary model. <i>International Journal of Systems Science</i> , 2019 , 50, 2870-2884	2.3	2
330	Increasing enzyme-like activity by in situ anchoring of Ag ₃ PO ₄ nanoparticles on keratin/inorganic hybrid nanoflowers. <i>New Journal of Chemistry</i> , 2019 , 43, 15946-15955	3.6	4
329	Hierarchical Principle-Based Iterative Parameter Estimation Algorithm for Dual-Frequency Signals. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 3251-3268	2.2	59
328	Numerical simulation for three-dimensional flow of Carreau nanofluid over a nonlinear stretching surface with convective heat and mass conditions. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019 , 41, 1	2	22
327	Variable aspects of double stratified MHD flow of second grade nanoliquid with heat generation/absorption: A revised model. <i>Radiation Physics and Chemistry</i> , 2019 , 157, 109-115	2.5	13
326	Model electrical activity of neuron under electric field. <i>Nonlinear Dynamics</i> , 2019 , 95, 1585-1598	5	69
325	Study on the Stability of Ammonium Iodide-Based Mixed-Dimensional Perovskite Solar Cells under Different Humidity. <i>Solar Rrl</i> , 2019 , 3, 1800276	7.1	10
324	Effectiveness of radiative heat flux in MHD flow of Jeffrey-nanofluid subject to Brownian and thermophoresis diffusions. <i>Journal of Hydrodynamics</i> , 2019 , 31, 421-427	3.3	19
323	Effects of binary chemical reaction and Arrhenius activation energy in Darcy-Borchheimer three-dimensional flow of nanofluid subject to rotating frame. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 136, 1769-1779	4.1	30
322	Numerical simulation for Darcy-Borchheimer three-dimensional rotating flow of nanofluid with prescribed heat and mass flux conditions. <i>Journal of Thermal Analysis and Calorimetry</i> , 2019 , 136, 2087-2095	4.5	27
321	Influence of carbonate on sequestration of U(VI) on perovskite. <i>Journal of Hazardous Materials</i> , 2019 , 364, 100-107	12.8	31

320	New-type highly stable 2D/3D perovskite materials: the effect of introducing ammonium cation on performance of perovskite solar cells. <i>Science China Materials</i> , 2019 , 62, 508-518	7.1	26
319	Magnetohydrodynamic three-dimensional nonlinear convective flow of viscoelastic nanofluid with heat and mass flux conditions. <i>Neural Computing and Applications</i> , 2019 , 31, 967-977	4.8	4
318	Effects of Hall current and ion-slip on the peristaltic motion of couple stress fluid with thermal deposition. <i>Neural Computing and Applications</i> , 2019 , 31, 117-126	4.8	12
317	Dissipativity-Based Fuzzy Control of Nonlinear Systems via an Event-Triggered Mechanism. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1208-1217	7.3	35
316	Heat Transfer Characteristics in Oscillatory Hydromagnetic Channel Flow of Maxwell Fluid Using Cattaneo-Christov Model. <i>Proceedings of the National Academy of Sciences India Section A - Physical Sciences</i> , 2019 , 89, 377-385	0.9	5
315	Nonlinear convective flow with variable thermal conductivity and Cattaneo-Christov heat flux. <i>Neural Computing and Applications</i> , 2019 , 31, 295-305	4.8	13
314	Dynamical behavior of a stochastic model of gene expression with distributed delay and degenerate diffusion. <i>Stochastic Analysis and Applications</i> , 2018 , 36, 584-599	1.1	3
313	Least Squares based Iterative Parameter Estimation Algorithm for Stochastic Dynamical Systems with ARMA Noise Using the Model Equivalence. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 630-639	2.9	38
312	Universal Distributed Quantum Computing on Superconducting Qutrits with Dark Photons. <i>Annalen Der Physik</i> , 2018 , 530, 1700402	2.6	8
311	Metal-organic framework-based materials: superior adsorbents for the capture of toxic and radioactive metal ions. <i>Chemical Society Reviews</i> , 2018 , 47, 2322-2356	58.5	1077
310	Three-Photon Polarization-Spatial Hyperparallel Quantum Fredkin Gate Assisted by Diamond Nitrogen Vacancy Center in Optical Cavity. <i>Annalen Der Physik</i> , 2018 , 530, 1800043	2.6	16
309	Peristaltic transport of Johnson-Begelman fluid with homogeneous-heterogeneous reactions: a numerical analysis. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	6
308	The Effect of Hydrophobicity of Ammonium Salts on Stability of Quasi-2D Perovskite Materials in Moist Condition. <i>Advanced Energy Materials</i> , 2018 , 8, 1800051	21.8	151
307	Promoting perovskite crystal growth to achieve highly efficient and stable solar cells by introducing acetamide as an additive. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 9930-9937	13	42
306	Entanglement Purification of Nonlocal Quantum-Dot-Confined Electrons Assisted by Double-Sided Optical Microcavities. <i>Annalen Der Physik</i> , 2018 , 530, 1800029	2.6	9
305	Interaction between U(VI) with sulfhydryl groups functionalized graphene oxides investigated by batch and spectroscopic techniques. <i>Journal of Colloid and Interface Science</i> , 2018 , 524, 129-138	9.3	35
304	Numerical investigation for entropy generation in hydromagnetic flow of fluid with variable properties and slip. <i>Physics of Fluids</i> , 2018 , 30, 023601	4.4	21
303	Unsteady stagnation point flow of Oldroyd-B nanofluid with heat generation/absorption and nonlinear thermal radiation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	8

302	Synthesis of highly porous inorganic adsorbents derived from metal-organic frameworks and their application in efficient elimination of mercury(II). <i>Journal of Colloid and Interface Science</i> , 2018 , 517, 61-74	9.3	36
301	Palladacycle Based Fluorescence Turn-On Probe for Sensitive Detection of Carbon Monoxide. <i>ACS Sensors</i> , 2018 , 3, 285-289	9.2	60
300	Nanocomposites of polyaniline functionalized graphene oxide: synthesis and application as a novel platform for removal of Cd(II), Eu(III), Th(IV) and U(VI) in water. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018 , 315, 509-522	1.5	12
299	Numerical simulation for homogeneous-heterogeneous reactions in flow of Sisko fluid. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	12
298	Collective responses in electrical activities of neurons under field coupling. <i>Scientific Reports</i> , 2018 , 8, 1349	4.9	78
297	A facile self-template and carbonization strategy to fabricate nickel nanoparticle supporting N-doped carbon microtubes. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 844-852	6.8	28
296	High-Efficiency and UV-Stable Planar Perovskite Solar Cells Using a Low-Temperature, Solution-Processed Electron-Transport Layer. <i>ChemSusChem</i> , 2018 , 11, 1232-1237	8.3	47
295	Forming Intermediate Phase on the Surface of Pbi Precursor Films by Short-Time DMSO Treatment for High-Efficiency Planar Perovskite Solar Cells via Vapor-Assisted Solution Process. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 1781-1791	9.5	25
294	Numerical simulation for aspects of homogeneous and heterogeneous reactions in forced convection flow of nanofluid. <i>Results in Physics</i> , 2018 , 8, 206-212	3.7	9
293	Application of biochar derived from rice straw for the removal of Th(IV) from aqueous solution. <i>Separation Science and Technology</i> , 2018 , 53, 1511-1521	2.5	3
292	Incorporating C as Nucleation Sites Optimizing Pbi Films To Achieve Perovskite Solar Cells Showing Excellent Efficiency and Stability via Vapor-Assisted Deposition Method. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 2603-2611	9.5	21
291	Entropy generation in flow with silver and copper nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 539, 335-346	5.1	232
290	Synchronization of Heterogeneous Partially Coupled Networks with Heterogeneous Impulses. <i>Neural Processing Letters</i> , 2018 , 48, 557-575	2.4	6
289	Optical-Electrical-Chemical Engineering of PEDOT:PSS by Incorporation of Hydrophobic Nafion for Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3902-3911	9.5	70
288	Entropy generation in magnetohydrodynamic radiative flow due to rotating disk in presence of viscous dissipation and Joule heating. <i>Physics of Fluids</i> , 2018 , 30, 017101	4.4	141
287	Finite-Time Synchronization of Complex-Valued Delayed Neural Networks with Discontinuous Activations. <i>Asian Journal of Control</i> , 2018 , 20, 2237-2247	1.7	17
286	Incorporating 4-tert-Butylpyridine in an Antisolvent: A Facile Approach to Obtain Highly Efficient and Stable Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 3602-3608	9.5	45
285	Stationary distribution and extinction of a stochastic SIRI epidemic model with relapse. <i>Stochastic Analysis and Applications</i> , 2018 , 36, 138-151	1.1	21

284	Synthesis of Ag nanoparticles decoration on magnetic carbonized polydopamine nanospheres for effective catalytic reduction of Cr(VI). <i>Journal of Colloid and Interface Science</i> , 2018 , 526, 1-8	9.3	73
283	Impact of water chemistry on surface charge and aggregation of polystyrene microspheres suspensions. <i>Science of the Total Environment</i> , 2018 , 630, 951-959	10.2	77
282	Ultrathin g-C3N4 nanosheets coupled with amorphous Cu-doped FeOOH nanoclusters as 2D/0D heterogeneous catalysts for water remediation. <i>Environmental Science: Nano</i> , 2018 , 5, 1179-1190	7.1	131
281	Picture 2-tuple linguistic aggregation operators in multiple attribute decision making. <i>Soft Computing</i> , 2018 , 22, 989-1002	3.5	121
280	An optimal solution for magnetohydrodynamic nanofluid flow over a stretching surface with constant heat flux and zero nanoparticles flux. <i>Neural Computing and Applications</i> , 2018 , 29, 1555-1562	4.8	8
279	Periodic solution and stationary distribution of stochastic S-DI-A epidemic models. <i>Applicable Analysis</i> , 2018 , 97, 179-193	0.8	6
278	Projection models for multiple attribute decision making with picture fuzzy information. <i>International Journal of Machine Learning and Cybernetics</i> , 2018 , 9, 713-719	3.8	143
277	A Gain-Scheduling Approach to Nonfragile H_{∞} Fuzzy Control Subject to Fading Channels. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 142-154	8.3	23
276	Magnetohydrodynamic stagnation point flow of third-grade liquid toward variable sheet thickness. <i>Neural Computing and Applications</i> , 2018 , 30, 2417-2423	4.8	9
275	Recursive least squares identification methods for multivariate pseudo-linear systems using the data filtering. <i>Multidimensional Systems and Signal Processing</i> , 2018 , 29, 1135-1152	1.8	7
274	Effect of homogeneous-heterogeneous reactions in stagnation point flow of third grade fluid past a variable thickness stretching sheet. <i>Neural Computing and Applications</i> , 2018 , 30, 3071-3080	4.8	2
273	Magnetohydrodynamic (MHD) flow of nanofluid with double stratification and slip conditions. <i>Physics and Chemistry of Liquids</i> , 2018 , 56, 189-208	1.5	20
272	Adsorption and co-adsorption of graphene oxide and Ni(II) on iron oxides: A spectroscopic and microscopic investigation. <i>Environmental Pollution</i> , 2018 , 233, 125-131	9.3	68
271	Solution-processed CuSbS ₂ solar cells based on metal-organic molecular solution precursors. <i>Journal of Materials Science</i> , 2018 , 53, 2016-2025	4.3	17
270	Variable structure controller design for Boolean networks. <i>Neural Networks</i> , 2018 , 97, 107-115	9.1	11
269	Decomposition-Based Gradient Estimation Algorithms for Multivariate Equation-Error Autoregressive Systems Using the Multi-innovation Theory. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 1846-1862	2.2	3
268	Acquiring High-Performance and Stable Mixed-Dimensional Perovskite Solar Cells by Using a Transition-Metal-Substituted Pb Precursor. <i>ChemSusChem</i> , 2018 , 11, 3269-3275	8.3	19
267	A comparative study of the density of surface states in solid and hollow TiO ₂ microspheres. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 2284-2290	6.8	5

266	A novel hierarchical control strategy combined with sliding mode control and consensus control for islanded micro-grid. <i>IET Renewable Power Generation</i> , 2018 , 12, 1012-1024	2.9	15
265	Two-dimensional organic-inorganic hybrid perovskite: from material properties to device applications. <i>Science China Materials</i> , 2018 , 61, 1257-1277	7.1	64
264	Complex dynamics of a neuron model with discontinuous magnetic induction and exposed to external radiation. <i>Cognitive Neurodynamics</i> , 2018 , 12, 607-614	4.2	25
263	Bell-state generation on remote superconducting qubits with dark photons. <i>Quantum Information Processing</i> , 2018 , 17, 1	1.6	1
262	Recursive Identification Methods for Multivariate Output-error Moving Average Systems Using the Auxiliary Model. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1070-1079	2.9	5
261	Recent advances in layered double hydroxide-based nanomaterials for the removal of radionuclides from aqueous solution. <i>Environmental Pollution</i> , 2018 , 240, 493-505	9.3	307
260	Flow of chemically reactive magneto Cross nanoliquid with temperature-dependent conductivity. <i>Applied Nanoscience (Switzerland)</i> , 2018 , 8, 1453-1460	3.3	31
259	Efficient solar cells with enhanced humidity and heat stability based on benzylammoniumcesiumformamidinium mixed-dimensional perovskites. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18067-18074	13	22
258	Three-dimensional unsteady flow of Maxwell fluid with homogeneous heterogeneous reactions and Cattaneo-Christov heat flux. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	3
257	Enhancing the Performance of Blue Quantum Dots Light-Emitting Diodes through Interface Engineering with Deoxyribonucleic Acid. <i>Advanced Optical Materials</i> , 2018 , 6, 1800578	8.1	16
256	Combined experimental and theoretical investigation on selective removal of mercury ions by metal organic frameworks modified with thiol groups. <i>Chemical Engineering Journal</i> , 2018 , 354, 790-801	14.7	73
255	General hyperentanglement concentration for polarization-spatial-time-bin multi-photon systems with linear optics. <i>Frontiers of Physics</i> , 2018 , 13, 1	3.7	13
254	Entropy generation optimization and unsteady squeezing flow of viscous fluid with five different shapes of nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018 , 554, 197-210	5.1	75
253	Enhanced Electron Injection and Exciton Confinement for Pure Blue Quantum-Dot Light-Emitting Diodes by Introducing Partially Oxidized Aluminum Cathode. <i>Journal of Visualized Experiments</i> , 2018 ,	1.6	1
252	Global exponential stability and lag synchronization for delayed memristive fuzzy Cohen-Grossberg BAM neural networks with impulses. <i>Neural Networks</i> , 2018 , 98, 122-153	9.1	62
251	A New Application of a Mesoporous Hybrid of Tungsten Oxide and Carbon as an Adsorbent for Elimination of Sr ²⁺ and Co ²⁺ from an Aquatic Environment. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 2462-2473	8.3	17
250	Facile fabrication of perovskite layers with large grains through a solvent exchange approach. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 348-353	6.8	34
249	Solution-Processed Titanium Chelate Used as Both Electrode Modification Layer and Intermediate Layer for Efficient Inverted Tandem Polymer Solar Cells. <i>Chinese Journal of Chemistry</i> , 2018 , 36, 194-198	4.9	18

248	Fixed-Time Synchronization of Coupled Discontinuous Neural Networks with Nonidentical Perturbations. <i>Neural Processing Letters</i> , 2018 , 48, 1161-1174	2.4	28
247	Fixed-time synchronization of four-dimensional energy resource systems with mismatched parameters. <i>Journal of Applied Mathematics and Computing</i> , 2018 , 58, 289-304	1.8	1
246	High-Performance Perovskite Solar Cells with a Weak Covalent TiO ₂ :Eu ³⁺ Mesoporous Structure. <i>ACS Applied Energy Materials</i> , 2018 , 1, 93-102	6.1	13
245	Sequential deposition method fabricating carbonbased fully-inorganic perovskite solar cells. <i>Science China Materials</i> , 2018 , 61, 73-79	7.1	24
244	Designing function-oriented artificial nanomaterials and membranes via electrospinning and electro spraying techniques. <i>Materials Science and Engineering C</i> , 2018 , 92, 1075-1091	8.3	56
243	Bipolar Fuzzy Hamacher Aggregation Operators in Multiple Attribute Decision Making. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 1-12	3.6	110
242	Dynamics of DS-I-A epidemic model with multiple stochastic perturbations. <i>Mathematical Methods in the Applied Sciences</i> , 2018 , 41, 6024-6049	2.3	0
241	Enhanced performance for Eu(III) ion remediation using magnetic multiwalled carbon nanotubes functionalized with carboxymethyl cellulose nanoparticles synthesized by plasma technology. <i>Inorganic Chemistry Frontiers</i> , 2018 , 5, 3184-3196	6.8	8
240	Peristaltic activity of blood titanium nanofluid subject to endoscope and entropy generation. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018 , 40, 1	2	7
239	A star-shaped carbazole-based hole-transporting material with triphenylamine side arms for perovskite solar cells. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 12912-12918	7.1	64
238	Faithful Entanglement Purification for High-Capacity Quantum Communication with Two-Photon Four-Qubit Systems. <i>Physical Review Applied</i> , 2018 , 10,	4.3	31
237	Darcy Forchheimer aspects for CNTs nanofluid past a stretching cylinder; using Keller box method. <i>Results in Physics</i> , 2018 , 11, 801-816	3.7	14
236	High-performance mixed-dimensional perovskite solar cells with enhanced stability against humidity, heat and UV light. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 20233-20241	13	17
235	Interaction between AIO and different sizes of GO in aqueous environment. <i>Environmental Pollution</i> , 2018 , 243, 1802-1809	9.3	13
234	NH ₄ I Facilitated the Formation of Mixed-Dimensional Perovskite and Improved Stability at Different Annealing Temperatures. <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 15143-15150	8.3	4
233	A Simple Carbazole-Triphenylamine Hole Transport Material for Perovskite Solar Cells. <i>Journal of Physical Chemistry C</i> , 2018 , 122, 26337-26343	3.8	27
232	Decoration of ZIF-8 on polypyrrole nanotubes for highly efficient and selective capture of U(VI). <i>Journal of Cleaner Production</i> , 2018 , 204, 896-905	10.3	60
231	Iterative Identification Algorithms for Bilinear-in-parameter Systems by Using the Over-parameterization Model and the Decomposition. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2634-2643	2.9	4

230	Maximum Likelihood Multi-innovation Stochastic Gradient Estimation for Multivariate Equation-error Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2528-2537	2.9	4
229	Data Filtering Based Multi-innovation Gradient Identification Methods for Feedback Nonlinear Systems. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 2225-2234	2.9	7
228	Highly Efficient Infrared Light-Converting Perovskite Solar Cells: Direct Electron Injection from NaYF ₄ :Yb ³⁺ , Er ³⁺ to the TiO ₂ . <i>ACS Sustainable Chemistry and Engineering</i> , 2018 , 6, 14004-14009	8.3	8
227	Turing Instability and Bifurcation in a Diffusion Predator-Prey Model with Beddington-DeAngelis Functional Response. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1830029	2	5
226	A New Chaotic System with Stable Equilibrium: Entropy Analysis, Parameter Estimation, and Circuit Design. <i>Entropy</i> , 2018 , 20,	2.8	21
225	Hierarchical Parameter Estimation for the Frequency Response Based on the Dynamical Window Data. <i>International Journal of Control, Automation and Systems</i> , 2018 , 16, 1756-1764	2.9	158
224	Adjusting the Introduction of Cations for Highly Efficient and Stable Perovskite Solar Cells Based on (FAPbI) (FAPbBr). <i>ChemSusChem</i> , 2018 , 11, 2436-2443	8.3	17
223	Buoyancy effects in stagnation-point flow of Maxwell fluid utilizing non-Fourier heat flux approach. <i>PLoS ONE</i> , 2018 , 13, e0192685	3.7	5
222	Reducing the Universal "Coffee-Ring Effect" by a Vapor-Assisted Spraying Method for High-Efficiency CHNHPbI Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 23466-23475	9.5	10
221	A Linear Assignment Method for Multiple Criteria Decision Analysis with Hesitant Fuzzy Sets Based on Fuzzy Measure. <i>International Journal of Fuzzy Systems</i> , 2017 , 19, 607-614	3.6	112
220	Finite-time control for networked switched linear systems with an event-driven communication approach. <i>International Journal of Systems Science</i> , 2017 , 48, 236-246	2.3	30
219	A study on the convergence conditions of generalized differential transform method. <i>Mathematical Methods in the Applied Sciences</i> , 2017 , 40, 40-48	2.3	22
218	A theoretical 2D image model for locating 3D targets. <i>International Journal of Computer Mathematics</i> , 2017 , 94, 1430-1450	1.2	1
217	Complex Roles of Solution Chemistry on Graphene Oxide Coagulation onto Titanium Dioxide: Batch Experiments, Spectroscopy Analysis and Theoretical Calculation. <i>Scientific Reports</i> , 2017 , 7, 39625	4.9	23
216	The role of graphene oxide and graphene oxide-based nanomaterials in the removal of pharmaceuticals from aqueous media: a review. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 7938-7958	5.1	128
215	Global dissipativity analysis for delayed quaternion-valued neural networks. <i>Neural Networks</i> , 2017 , 89, 97-104	9.1	87
214	Time-varying filter design for semi-Markov jump linear systems with intermittent transmission. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 4035	3.6	6
213	Interaction Mechanism of Re(VII) with Zirconium Dioxide Nanoparticles Anchored onto Reduced Graphene Oxides. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 2163-2171	8.3	57

212	New insight into solvent engineering technology from evolution of intermediates via one-step spin-coating approach. <i>Science China Materials</i> , 2017 , 60, 392-398	7.1	46
211	Sensitive determination of endogenous hydroxyl radical in live cell by a BODIPY based fluorescent probe. <i>Talanta</i> , 2017 , 170, 314-321	6.2	32
210	Insights into key factors controlling GO stability in natural surface waters. <i>Journal of Hazardous Materials</i> , 2017 , 335, 56-65	12.8	52
209	Magnetohydrodynamic (MHD) stagnation point flow of Casson fluid over a stretched surface with homogeneous/heterogeneous reactions. <i>Journal of Theoretical and Computational Chemistry</i> , 2017 , 16, 1750022	1.8	30
208	Outcome of slip features on the peristaltic flow of a Prandtl nanofluid with inclined magnetic field and chemical reaction. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	9
207	Cattaneo-Christov double-diffusion model for flow of Jeffrey fluid. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 4965-4971	2	13
206	Melting heat transfer in the MHD flow of a third-grade fluid over a variable-thickness surface. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	2
205	On chemical reaction and porous medium effect in the MHD flow due to a rotating disk with variable thickness. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	2
204	Simultaneous Removal of Graphene Oxide and Chromium(VI) on the Rare Earth Doped Titanium Dioxide Coated Carbon Sphere Composites. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 5550-5561	8.2	51
203	Thiophene-Arylamine Hole-Transporting Materials in Perovskite Solar Cells: Substitution Position Effect. <i>Energy Technology</i> , 2017 , 5, 1788-1794	3.5	37
202	Sensitive detection of sulfide based on the self-assembly of fluorescent silver nanoclusters on the surface of silica nanospheres. <i>Talanta</i> , 2017 , 174, 387-393	6.2	52
201	Calculation of Hamilton energy and control of dynamical systems with different types of attractors. <i>Chaos</i> , 2017 , 27, 053108	3.3	42
200	Dynamical Analysis of a Tri-Neuron Fractional Network. <i>Asian Journal of Control</i> , 2017 , 19, 2042-2050	1.7	6
199	On three-dimensional flow of couple stress fluid with Cattaneo-Christov heat flux. <i>Chinese Journal of Physics</i> , 2017 , 55, 930-938	3.5	27
198	Plasma surface modification of materials and their entrapment of water contaminant: A review. <i>Plasma Processes and Polymers</i> , 2017 , 14, 1600218	3.4	33
197	Robust fixed-time synchronization for uncertain complex-valued neural networks with discontinuous activation functions. <i>Neural Networks</i> , 2017 , 90, 42-55	9.1	114
196	Magnetic Porous Carbonaceous Material Produced from Tea Waste for Efficient Removal of As(V), Cr(VI), Humic Acid, and Dyes. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4371-4380	8.3	154
195	Asymptotic Stability of Cohen-Grossberg BAM Neutral Type Neural Networks with Distributed Time Varying Delays. <i>Neural Processing Letters</i> , 2017 , 46, 991-1007	2.4	21

194	Double stratification in the MHD flow of a nanofluid due to a rotating disk with variable thickness. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	15
193	Cattaneo-Christov heat flux in flow by rotating disk with variable thickness. <i>European Physical Journal Plus</i> , 2017 , 132, 1	3.1	3
192	A comparative study of Casson fluid with homogeneous-heterogeneous reactions. <i>Journal of Colloid and Interface Science</i> , 2017 , 498, 85-90	9.3	571
191	Enhanced morphology and stability of high-performance perovskite solar cells with ultra-smooth surface and high fill factor via crystal growth engineering. <i>Sustainable Energy and Fuels</i> , 2017 , 1, 907-914	5.8	27
190	Enhanced Performance and Stability of Perovskite Solar Cells Using NHI Interfacial Modifier. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 41006-41013	9.5	36
189	Dynamics of hybrid switching DS-I-A epidemic model. <i>Scientific Reports</i> , 2017 , 7, 12332	4.9	1
188	Construction of Layered Double Hydroxides/Hollow Carbon Microsphere Composites and Its Applications for Mutual Removal of Pb(II) and Humic Acid from Aqueous Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 11268-11279	8.3	73
187	Soret and Dufour effects on MHD peristaltic transport of Jeffrey fluid in a curved channel with convective boundary conditions. <i>PLoS ONE</i> , 2017 , 12, e0164854	3.7	11
186	A revised model for Jeffrey nanofluid subject to convective condition and heat generation/absorption. <i>PLoS ONE</i> , 2017 , 12, e0172518	3.7	29
185	Darcy-Forchheimer flow with Cattaneo-Christov heat flux and homogeneous-heterogeneous reactions. <i>PLoS ONE</i> , 2017 , 12, e0174938	3.7	38
184	Radiation effects on the mixed convection flow induced by an inclined stretching cylinder with non-uniform heat source/sink. <i>PLoS ONE</i> , 2017 , 12, e0175584	3.7	39
183	Three-dimensional rotating flow of carbon nanotubes with Darcy-Forchheimer porous medium. <i>PLoS ONE</i> , 2017 , 12, e0179576	3.7	47
182	Temperature-assisted rapid nucleation: a facile method to optimize the film morphology for perovskite solar cells. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20327-20333	13	125
181	Solvothermal Synthesis of Hierarchical TiO Microstructures with High Crystallinity and Superior Light Scattering for High-Performance Dye-Sensitized Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 32026-32033	9.5	39
180	Heteroaggregation behavior of graphene oxide on Zr-based metal-organic frameworks in aqueous solutions: a combined experimental and theoretical study. <i>Journal of Materials Chemistry A</i> , 2017 , 5, 20398-20406	13	27
179	EDTA functionalized FeO/graphene oxide for efficient removal of U(VI) from aqueous solutions. <i>Journal of Colloid and Interface Science</i> , 2017 , 506, 300-307	9.3	70
178	Immobilization of Quantum Dots on Fluorescent Graphene Oxide for Ratiometric Fluorescence Detection of Copper Ions. <i>ChemistrySelect</i> , 2017 , 2, 5536-5541	1.8	7
177	Enhancing the Photovoltaic Performance of Perovskite Solar Cells with a Down-Conversion Eu-Complex. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 26958-26964	9.5	59

176	Molecular Engineering of Simple Benzene-Arylamine Hole-Transporting Materials for Perovskite Solar Cells. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 27657-27663	9.5	39
175	Coupled stochastic gradient identification algorithms for multivariate output-error systems using the auxiliary model. <i>International Journal of Control, Automation and Systems</i> , 2017 , 15, 1622-1631	2.9	6
174	Microscopic and Spectroscopic Insights into Uranium Phosphate Mineral Precipitated by <i>Bacillus Mucilaginosus</i> . <i>ACS Earth and Space Chemistry</i> , 2017 , 1, 483-492	3.2	29
173	Polarization entanglement purification of nonlocal microwave photons based on the cross-Kerr effect in circuit QED. <i>Physical Review A</i> , 2017 , 96,	2.6	22
172	Efficient and Stable Pure Green All-Inorganic Perovskite CsPbBr ₃ Light-Emitting Diodes with a Solution-Processed NiOx Interlayer. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 28132-28138	3.8	71
171	Modeling MHD Stagnation Point Flow of Thixotropic Fluid with Non-uniform Heat Absorption/Generation. <i>Microgravity Science and Technology</i> , 2017 , 29, 459-465	1.6	10
170	Chemically reactive flow of upper-convected Maxwell fluid with Cattaneo-Christov heat flux model. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 4571-4578	2	19
169	Evaluation of the anti-inflammatory properties of telmesteine on inflammation-associated skin diseases. <i>RSC Advances</i> , 2017 , 7, 34699-34704	3.7	5
168	Electromagnetic induction and radiation-induced abnormality of wave propagation in excitable media. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2017 , 486, 508-516	3.3	66
167	Distributed Observer-based Stabilization of Nonlinear Multi-agent Systems with Sampled-data Control. <i>Asian Journal of Control</i> , 2017 , 19, 918-928	1.7	14
166	The rapid coagulation of graphene oxide on La-doped layered double hydroxides. <i>Chemical Engineering Journal</i> , 2017 , 309, 445-453	14.7	40
165	Thermally stratified stretching flow with Cattaneo-Christov heat flux. <i>International Journal of Heat and Mass Transfer</i> , 2017 , 106, 289-294	4.9	86
164	A new switching control for finite-time synchronization of memristor-based recurrent neural networks. <i>Neural Networks</i> , 2017 , 86, 1-9	9.1	47
163	Parameter estimation for pseudo-linear systems using the auxiliary model and the decomposition technique. <i>IET Control Theory and Applications</i> , 2017 , 11, 390-400	2.5	102
162	Mixed Convection Stagnation-Point Flow of Powell-Eyring Fluid with Newtonian Heating, Thermal Radiation, and Heat Generation/Absorption. <i>Journal of Aerospace Engineering</i> , 2017 , 30, 04016077	1.4	19
161	Rice husks as a sustainable silica source for hierarchical flower-like metal silicate architectures assembled into ultrathin nanosheets for adsorption and catalysis. <i>Journal of Hazardous Materials</i> , 2017 , 321, 92-102	12.8	114
160	Gradient-Based Recursive Identification Methods for Input Nonlinear Equation Error Closed-Loop Systems. <i>Circuits, Systems, and Signal Processing</i> , 2017 , 36, 2166-2183	2.2	6
159	Application of reproducing kernel algorithm for solving second-order, two-point fuzzy boundary value problems. <i>Soft Computing</i> , 2017 , 21, 7191-7206	3.5	212

158	Simultaneous effects of magnetic field and convective condition in three-dimensional flow of couple stress nanofluid with heat generation/absorption. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2017 , 39, 1165-1176	2	17
157	Layered double hydroxide intercalated with aromatic acid anions for the efficient capture of aniline from aqueous solution. <i>Journal of Hazardous Materials</i> , 2017 , 321, 111-120	12.8	143
156	Sorption of U(VI) on magnetic sepiolite investigated by batch and XANES techniques. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017 , 314, 1825-1832	1.5	7
155	Model and Comparative Study for Flow of Viscoelastic Nanofluids with Cattaneo-Christov Double Diffusion. <i>PLoS ONE</i> , 2017 , 12, e0168824	3.7	38
154	Generalized Magnetic Field Effects in Burgers' Nanofluid Model. <i>PLoS ONE</i> , 2017 , 12, e0168923	3.7	25
153	Electromagneto squeezing rotational flow of Carbon (C)-Water (H ₂ O) kerosene oil nanofluid past a Riga plate: A numerical study. <i>PLoS ONE</i> , 2017 , 12, e0180976	3.7	64
152	Magnetohydrodynamics flow of nanofluid with homogeneous-heterogeneous reactions and velocity slip. <i>Thermal Science</i> , 2017 , 21, 901-913	1.2	12
151	Semi-tensor product method to a class of event-triggered control for finite evolutionary networked games. <i>IET Control Theory and Applications</i> , 2017 , 11, 2140-2145	2.5	41
150	Nonfragile H_{∞} Fuzzy Filtering With Randomly Occurring Gain Variations and Channel Fading. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 505-518	8.3	77
149	Magnetohydrodynamic Three-Dimensional Flow of Nanofluid by a Porous Shrinking Surface. <i>Journal of Aerospace Engineering</i> , 2016 , 29, 04015035	1.4	3
148	Global lagrange stability of complex-valued neural networks of neutral type with time-varying delays. <i>Complexity</i> , 2016 , 21, 438-450	1.6	44
147	Combined state and multi-innovation parameter estimation for an input non-linear state-space system using the key term separation. <i>IET Control Theory and Applications</i> , 2016 , 10, 1503-1512	2.5	12
146	Superior coagulation of graphene oxides on nanoscale layered double hydroxides and layered double oxides. <i>Environmental Pollution</i> , 2016 , 219, 107-117	9.3	116
145	Mathematical Model for Isothermal Wire-Coating From a Bath of Giesekus Viscoelastic Fluid. <i>Chemical Engineering Communications</i> , 2016 , 203, 1336-1348	2.2	14
144	A resource configuration method for liveness of a class of Petri nets. <i>IMA Journal of Mathematical Control and Information</i> , 2016 , 33, 933-950	1.1	1
143	New Results on Decentralized H_{∞} Fuzzy Filtering Design for Continuous-Time Large-Scale Nonlinear Systems with Time-Varying Delay. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 527-552	2.2	2
142	Dynamical analysis of a delayed six-neuron BAM network. <i>Complexity</i> , 2016 , 21, 9-28	1.6	5
141	Numerical solutions of fuzzy differential equations using reproducing kernel Hilbert space method. <i>Soft Computing</i> , 2016 , 20, 3283-3302	3.5	244

140	Matrix measure based dissipativity analysis for inertial delayed uncertain neural networks. <i>Neural Networks</i> , 2016 , 75, 47-55	9.1	79
139	Experimental and theoretical studies on competitive adsorption of aromatic compounds on reduced graphene oxides. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 5654-5662	13	162
138	On magnetohydrodynamic flow of second grade nanofluid over a nonlinear stretching sheet. <i>Journal of Magnetism and Magnetic Materials</i> , 2016 , 408, 99-106	2.8	73
137	State estimation for a class of artificial neural networks with stochastically corrupted measurements under Round-Robin protocol. <i>Neural Networks</i> , 2016 , 77, 70-79	9.1	62
136	Soret and Dufour Effects on MHD Peristaltic Flow of Jeffrey Fluid in a Rotating System with Porous Medium. <i>PLoS ONE</i> , 2016 , 11, e0145525	3.7	29
135	Radiative Peristaltic Flow of Jeffrey Nanofluid with Slip Conditions and Joule Heating. <i>PLoS ONE</i> , 2016 , 11, e0148002	3.7	13
134	Impact of Cattaneo-Christov Heat Flux in Jeffrey Fluid Flow with Homogeneous-Heterogeneous Reactions. <i>PLoS ONE</i> , 2016 , 11, e0148662	3.7	75
133	Unsteady Squeezing Flow of Carbon Nanotubes with Convective Boundary Conditions. <i>PLoS ONE</i> , 2016 , 11, e0152923	3.7	18
132	A Comparative Study for Flow of Viscoelastic Fluids with Cattaneo-Christov Heat Flux. <i>PLoS ONE</i> , 2016 , 11, e0155185	3.7	39
131	MHD Flow and Heat Transfer between Coaxial Rotating Stretchable Disks in a Thermally Stratified Medium. <i>PLoS ONE</i> , 2016 , 11, e0155899	3.7	33
130	Peristaltic Transport of Prandtl-Eyring Liquid in a Convectively Heated Curved Channel. <i>PLoS ONE</i> , 2016 , 11, e0156995	3.7	7
129	MHD Convective Flow of Jeffrey Fluid Due to a Curved Stretching Surface with Homogeneous-Heterogeneous Reactions. <i>PLoS ONE</i> , 2016 , 11, e0161641	3.7	39
128	Numerical and Analytical Study of Two-Layered Unsteady Blood Flow through Catheterized Artery. <i>PLoS ONE</i> , 2016 , 11, e0161377	3.7	8
127	Asymptotic behavior of Laplacian-energy-like invariant of the 3.6.24 lattice with various boundary conditions. <i>SpringerPlus</i> , 2016 , 5, 1415		1
126	Mixed Convective Peristaltic Flow of Water Based Nanofluids with Joule Heating and Convective Boundary Conditions. <i>PLoS ONE</i> , 2016 , 11, e0153537	3.7	15
125	Heat Source/Sink in a Magneto-Hydrodynamic Non-Newtonian Fluid Flow in a Porous Medium: Dual Solutions. <i>PLoS ONE</i> , 2016 , 11, e0162205	3.7	7
124	Radiative flow of a tangent hyperbolic fluid with convective conditions and chemical reaction. <i>European Physical Journal Plus</i> , 2016 , 131, 1	3.1	32
123	Similarity transformation approach for ferromagnetic mixed convection flow in the presence of chemically reactive magnetic dipole. <i>Physics of Fluids</i> , 2016 , 28, 102003	4.4	63

122	Three-dimensional rotating flow of Jeffrey fluid for Cattaneo-Christov heat flux model. <i>AIP Advances</i> , 2016 , 6, 025012	1.5	63
121	Potential Energy Surfaces for the First Two Lowest-Lying Electronic States of the LiH ₂ (+) System, and Dynamics of the H(+) + LiH ? H ₂ (+) + Li + Reactions. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 2459-70	2.8	11
120	Performances and mechanisms of Mg/Al and Ca/Al layered double hydroxides for graphene oxide removal from aqueous solution. <i>Chemical Engineering Journal</i> , 2016 , 297, 106-115	14.7	77
119	Nonlinear measure approach for the robust exponential stability analysis of interval inertial Cohen-Crossberg neural networks. <i>Complexity</i> , 2016 , 21, 459-469	1.6	12
118	New Insight into GO, Cadmium(II), Phosphate Interaction and Its Role in GO Colloidal Behavior. <i>Environmental Science & Technology</i> , 2016 , 50, 9361-9	10.3	73
117	Interval stability of time-varying two-dimensional hierarchical discrete-time multi-agent systems. <i>IET Control Theory and Applications</i> , 2015 , 9, 114-119	2.5	7
116	Homogeneous-heterogeneous reaction effects in peristalsis through curved geometry. <i>AIP Advances</i> , 2015 , 5, 067172	1.5	23
115	Magnetohydrodynamic (MHD) flow of Cu-water nanofluid due to a rotating disk with partial slip. <i>AIP Advances</i> , 2015 , 5, 067169	1.5	77
114	Delay-dependent stability of neutral system with mixed time-varying delays and nonlinear perturbations using delay-dividing approach. <i>Cognitive Neurodynamics</i> , 2015 , 9, 75-83	4.2	14
113	Robust Stability of Markovian Jump Stochastic Neural Networks with Time Delays in the Leakage Terms. <i>Neural Processing Letters</i> , 2015 , 41, 1-27	2.4	46
112	Marangoni mixed convection flow with Joule heating and nonlinear radiation. <i>AIP Advances</i> , 2015 , 5, 077140	1.5	33
111	Modeling and analysis for three-dimensional flow with homogeneous-heterogeneous reactions. <i>AIP Advances</i> , 2015 , 5, 107209	1.5	21
110	Magnetohydrodynamic (MHD) stretched flow of nanofluid with power-law velocity and chemical reaction. <i>AIP Advances</i> , 2015 , 5, 117121	1.5	18
109	Wire-coating by withdrawal from a bath of Phan-Thien-Tanner fluid. <i>Canadian Journal of Chemical Engineering</i> , 2015 , 93, 2070-2076	2.3	5
108	Influence of Magnetic Field in Three-Dimensional Flow of Couple Stress Nanofluid over a Nonlinearly Stretching Surface with Convective Condition. <i>PLoS ONE</i> , 2015 , 10, e0145332	3.7	64
107	Temperature and Concentration Stratification Effects in Mixed Convection Flow of an Oldroyd-B Fluid with Thermal Radiation and Chemical Reaction. <i>PLoS ONE</i> , 2015 , 10, e0127646	3.7	26
106	Heat Generation/Absorption Effects in a Boundary Layer Stretched Flow of Maxwell Nanofluid: Analytic and Numeric Solutions. <i>PLoS ONE</i> , 2015 , 10, e0129814	3.7	25
105	Co-sequestration of Zn(II) and phosphate by Al ₂ O ₃ : From macroscopic to microscopic investigation. <i>Journal of Hazardous Materials</i> , 2015 , 297, 134-45	12.8	16

104	Inclined Magnetic Field Effect in Stratified Stagnation Point Flow Over an Inclined Cylinder. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2015 , 70, 317-324	1.4	4
103	Stagnation point flow of carbon nanotubes over stretching cylinder with slip conditions. <i>Open Physics</i> , 2015 , 13,	1.3	18
102	MHD stagnation point flow of Jeffrey fluid by a radially stretching surface with viscous dissipation and Joule heating. <i>Journal of Hydrology and Hydromechanics</i> , 2015 , 63, 311-317	2.1	69
101	Global regularity for the 2D liquid crystal model with mixed partial viscosity. <i>Analysis and Applications</i> , 2015 , 13, 185-200	2.5	8
100	Mixed convection flow of viscoelastic fluid by a stretching cylinder with heat transfer. <i>PLoS ONE</i> , 2015 , 10, e0118815	3.7	40
99	On Comparison of Series and Numerical Solutions for Flow of Eyring-Powell Fluid with Newtonian Heating And Internal Heat Generation/Absorption. <i>PLoS ONE</i> , 2015 , 10, e0129613	3.7	61
98	Dual Solutions for Nonlinear Flow Using Lie Group Analysis. <i>PLoS ONE</i> , 2015 , 10, e0142732	3.7	7
97	Synchronising second-order multi-agent systems under dynamic topology via reference model-based algorithm. <i>Journal of Control and Decision</i> , 2014 , 1, 214-225	0.9	11
96	Three-dimensional flow of an Oldroyd-B fluid over a bidirectional stretching surface with prescribed surface temperature and prescribed surface heat flux. <i>Journal of Hydrology and Hydromechanics</i> , 2014 , 62, 117-125	2.1	22
95	Synthesis of flower-like Fe_2O_3 and its application in wastewater treatment. <i>Journal of Zhejiang University: Science A</i> , 2014 , 15, 671-680	2.1	8
94	Stability and Hopf bifurcation analysis for an energy resource system. <i>Nonlinear Dynamics</i> , 2014 , 78, 219-234	3.7	4
93	Radiative hydromagnetic flow of jeffrey nanofluid by an exponentially stretching sheet. <i>PLoS ONE</i> , 2014 , 9, e103719	3.7	57
92	MHD mixed convective peristaltic motion of nanofluid with Joule heating and thermophoresis effects. <i>PLoS ONE</i> , 2014 , 9, e111417	3.7	61
91	Radiation effects on the flow of Powell-Eyring fluid past an unsteady inclined stretching sheet with non-uniform heat source/sink. <i>PLoS ONE</i> , 2014 , 9, e103214	3.7	38
90	Effect of Joule heating and thermal radiation in flow of third grade fluid over radiative surface. <i>PLoS ONE</i> , 2014 , 9, e83153	3.7	83
89	Slip effects on mixed convective peristaltic transport of copper-water nanofluid in an inclined channel. <i>PLoS ONE</i> , 2014 , 9, e105440	3.7	44
88	On three-dimensional flow and heat transfer over a non-linearly stretching sheet: analytical and numerical solutions. <i>PLoS ONE</i> , 2014 , 9, e107287	3.7	48
87	New results on stability analysis and stabilisation of networked control system. <i>IET Control Theory and Applications</i> , 2014 , 8, 1707-1715	2.5	6

86	A Regularity Criterion for the 3D Generalized MHD Equations. <i>Mathematical Physics Analysis and Geometry</i> , 2014 , 17, 333-340	0.8	11
85	Cascade of failures in interdependent networks with different average degree. <i>International Journal of Modern Physics C</i> , 2014 , 25, 1440006	1.1	12
84	Unsteady flow and heat transfer of Jeffrey fluid over a stretching sheet. <i>Thermal Science</i> , 2014 , 18, 1069-1078	1.1	23
83	Chapter 6: Homotopy Analysis Method for Some Boundary Layer Flows of Nanofluids 2014 , 259-290		
82	An overview of consensus problems in constrained multi-agent coordination. <i>Systems Science and Control Engineering</i> , 2014 , 2, 275-284	2	43
81	Homogeneous-heterogeneous reactions in peristaltic flow with convective conditions. <i>PLoS ONE</i> , 2014 , 9, e113851	3.7	31
80	Hall and Ohmic Heating Effects on the Peristaltic Transport of a Carreau-Yasuda Fluid in an Asymmetric Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2014 , 69, 43-51	1.4	46
79	Nonlinear radiation heat transfer effects in the natural convective boundary layer flow of nanofluid past a vertical plate: a numerical study. <i>PLoS ONE</i> , 2014 , 9, e103946	3.7	47
78	Three-dimensional mixed convection flow of viscoelastic fluid with thermal radiation and convective conditions. <i>PLoS ONE</i> , 2014 , 9, e90038	3.7	34
77	On the Numerical Solution of the Nonlinear Radiation Heat Transfer Problem in a Three-Dimensional Flow. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2014 , 69, 705-713	1.4	14
76	Peristaltic motion of Johnson-Segalman fluid in a curved channel with slip conditions. <i>PLoS ONE</i> , 2014 , 9, e114168	3.7	13
75	Exact Solution for Peristaltic Transport of a Micropolar Fluid in a Channel with Convective Boundary Conditions and Heat Source/Sink. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2014 , 69, 425-432	1.4	2
74	Peristaltic Motion of a non-Newtonian Nanofluid in an Asymmetric Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2014 , 69, 451-461	1.4	32
73	Delay-decomposing approach to robust stability for switched interval networks with state-dependent switching. <i>Cognitive Neurodynamics</i> , 2014 , 8, 313-26	4.2	6
72	Peristaltic transport of Carreau-Yasuda fluid in a curved channel with slip effects. <i>PLoS ONE</i> , 2014 , 9, e95070	3.7	58
71	Newtonian heating in a flow of thixotropic fluid. <i>European Physical Journal Plus</i> , 2013 , 128, 1	3.1	10
70	Magnetohydrodynamic Peristaltic Flow of a Pseudoplastic Fluid in a Curved Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2013 , 68, 380-390	1.4	1
69	Melting heat transfer in the stagnation-point flow of third grade fluid past a stretching sheet with viscous dissipation. <i>Thermal Science</i> , 2013 , 17, 865-875	1.2	20

68	Influence of Heat and Mass Transfer on the Peristaltic Transport of a Phan-Thien-Tanner Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2013 , 68, 751-758	1.4	6
67	Exponentially Stretching Sheet in a Powell-Eyring Fluid: Numerical and Series Solutions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2013 , 68, 791-798	1.4	18
66	Flow of MHD Carreau Fluid in a Curved Channel. <i>Applied Bionics and Biomechanics</i> , 2013 , 10, 29-39	1.6	9
65	Exact Solutions for the Magnetohydrodynamic Flow of a Jeffrey Fluid with Convective Boundary Conditions and Chemical Reaction. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012 , 67, 517-524	1.4	19
64	Heat Transfer in a Couple Stress Fluid over a Continuous Moving Surface with Internal Heat Generation and Convective Boundary Conditions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012 , 67, 217-224	1.4	9
63	Radiative Flow with Variable Thermal Conductivity in Porous Medium. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012 , 67, 153-159	1.4	15
62	Stagnation-Point Flow and Heat Transfer of a Casson Fluid towards a Stretching Sheet. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012 , 67, 70-76	1.4	55
61	Radiation Effect on the Mixed Convection Flow of a Viscoelastic Fluid Along an Inclined Stretching Sheet. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2012 , 67, 195-202	1.4	12
60	Compliant Wall Analysis of an Electrically Conducting Jeffrey Fluid with Peristalsis. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 106-116	1.4	4
59	Peristaltic motion of a magnetohydrodynamic generalized second-order fluid in an asymmetric channel. <i>Numerical Methods for Partial Differential Equations</i> , 2011 , 27, 415-435	2.5	10
58	Numerical simulation of generalized newtonian blood flow past a couple of irregular arterial stenoses. <i>Numerical Methods for Partial Differential Equations</i> , 2011 , 27, 960-981	2.5	10
57	Magnetohydrodynamic effects on blood flow through an irregular stenosis. <i>International Journal for Numerical Methods in Fluids</i> , 2011 , 67, 1624-1636	1.9	23
56	Steady Flow of Maxwell Fluid with Convective Boundary Conditions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 417-422	1.4	24
55	Flow of Magnetohydrodynamic Micropolar Fluid Induced by Radially Stretching Sheets. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 53-60	1.4	2
54	Thermal Radiation Effects on the Mixed Convection Stagnation-Point Flow in a Jeffery Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 606-614	1.4	19
53	Unsteady Three-Dimensional Flow in a Second-Grade Fluid Over a Stretching Surface. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 635-642	1.4	4
52	Magnetohydrodynamic Flow of a Carreau Fluid in a Channel with Different Wave Forms. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2011 , 66, 215-222	1.4	6
51	Flow of a second grade fluid with convective boundary conditions. <i>Thermal Science</i> , 2011 , 15, 253-261	1.2	47

50	Nonlinear Stretching Flow with Thermal Radiation. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 761-770	1.4	1
49	Effects of Variable Viscosity on the Peristaltic Motion in a Third-Order Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 901-918	1.4	1
48	Slip and Heat Transfer Effects on Peristaltic Motion of a Carreau Fluid in an Asymmetric Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 1121-1127	1.4	1
47	Thermal Radiation Effects on the Flow by an Exponentially Stretching Surface: a Series Solution. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 495-503	1.4	7
46	On Exact Solutions for Oscillatory Flows in a Generalized Burgers Fluid with Slip Condition. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 381-391	1.4	5
45	Radiation and Mass Transfer Effects on the Magnetohydrodynamic Unsteady Flow Induced by a Stretching Sheet. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 231-239	1.4	59
44	Magnetohydrodynamic Three-Dimensional Flow of a Second-Grade Fluid with Heat Transfer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 683-691	1.4	8
43	Effects of Thermal Radiation on Unsteady Magnetohydrodynamic Flow of a Micropolar Fluid with Heat and Mass Transfer. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 950-960	1.4	14
42	Effect of Heat Transfer on Magnetohydrodynamic Axisymmetric Flow Between Two Stretching Sheets. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 961-968	1.4	4
41	Magnetohydrodynamic Flow and Mass Transfer of a Jeffery Fluid over a Nonlinear Stretching Surface. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 1111-1120	1.4	16
40	Generalized Couette Flow of a Third-Grade Fluid with Slip: The Exact Solutions. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 1071-1076	1.4	11
39	Effect of an Induced Magnetic Field on the Peristaltic Motion of Phan-Thien-Tanner (PTT) Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 665-676	1.4	2
38	Heat Transfer Analysis on the Peristaltic Motion with Slip Effects. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 697-704	1.4	2
37	Long Wavelength Flow Analysis in a Curved Channel. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 191-196	1.4	77
36	Mixed Convection Boundary Layer Flow over a Stretching Surface Filled with a Maxwell Fluid in Presence of Soret and Dufour Effects. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 401-410	1.4	26
35	Influence of Thermal Radiation on the Unsteady Mixed Convection Flow of a Jeffrey Fluid over a Stretching Sheet. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 711-719	1.4	26
34	Slip Effects on the Magnetohydrodynamic Peristaltic Flow of a Maxwell Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 1128-1136	1.4	3
33	Rotating Flow of a Micropolar Fluid Induced by a Stretching Surface. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 829-843	1.4	4

32	Flow by a Porous Shrinking Surface in a Rotating Frame. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2010 , 65, 45-52	1.4	4
31	Flow of a Third Grade Fluid between Coaxial Cylinders with Variable Viscosity. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 588-596	1.4	13
30	The Analytical Solutions for Magnetohydrodynamic Flow of a Third Order Fluid in a Porous Medium. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 531-539	1.4	15
29	Hall and Heat Transfer Effects on the Steady Flow of a Sisko Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 769-782	1.4	14
28	Influence of Thermal Radiation on Blasius Flow of a Second Grade Fluid. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 827-833	1.4	18
27	Numerical Results of a Flow in a Third Grade Fluid between Two Porous Walls. <i>Zeitschrift Fur Naturforschung - Section A Journal of Physical Sciences</i> , 2009 , 64, 59-64	1.4	15
26	Series solution for steady flow of a third grade fluid through porous space. <i>Transport in Porous Media</i> , 2008 , 71, 173-183	3.1	11
25	Peristaltic flow of a Johnson-Segalman fluid through a deformable tube. <i>Theoretical and Computational Fluid Dynamics</i> , 2007 , 21, 369-380	2.3	43
24	Exact solutions for the unsteady flow of a Burger fluid in a duct induced by time-dependent prescribed volume flow rate. <i>Heat and Mass Transfer</i> , 2006 , 43, 85-90	2.2	10
23	Gliding motion of bacteria on power-law slime. <i>Mathematical Methods in the Applied Sciences</i> , 2005 , 28, 329-347	2.3	12
22	Homotopy Solutions for a Generalized Second-Grade Fluid Past a Porous Plate. <i>Nonlinear Dynamics</i> , 2005 , 42, 395-405	5	146
21	Hydromagnetic rotating flow of a fourth-order fluid past a porous plate. <i>Mathematical Methods in the Applied Sciences</i> , 2004 , 27, 477-496	2.3	18
20	Magnetohydrodynamic flow due to noncoaxial rotations of a porous disk and a fourth-grade fluid at infinity. <i>Mathematical Problems in Engineering</i> , 2003 , 2003, 47-64	1.1	12
19	Point source scattering in a porous barrier. <i>Japan Journal of Industrial and Applied Mathematics</i> , 2001 , 18, 1-13	0.6	
18	Field of a Point Source Within Perfectly Conducting Parallel-Plates in a Homogeneous Biisotropic Medium. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 1169-1194		2
17	Spherical Wave Diffraction by a Slit in an Impedance Screen. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 1413-1424		
16	The impulse response of an acoustic wave from coupling of absorbing-elastic plates.. <i>Journal of the Acoustical Society of Japan (E)</i> , 1999 , 20, 333-338		
15	Scattering of sound near an absorbing strip. <i>Japan Journal of Industrial and Applied Mathematics</i> , 1998 , 15, 331-343	0.6	

- 14 Cylindrical wave diffraction by a perfectly conducting strip in a homogeneous bi-isotropic medium. *Journal of Modern Optics*, **1998**, 45, 515-528 1.1 11
- 13 Plane wave diffraction by a perfectly conducting strip in a homogeneous biisotropic medium. *International Journal of Applied Electromagnetics and Mechanics*, **1998**, 9, 39-51 0.4 3
- 12 Scattering by a screen with fluid flow.. *Journal of the Acoustical Society of Japan (E)*, **1998**, 19, 105-111
- 11 Scattering of a spherical electromagnetic wave by a metallic strip. *Journal of Modern Optics*, **1997**, 44, 979-995 1.1 1
- 10 Diffraction of an electromagnetic wave from an infinitely long slit in an infinite metallic sheet. *Journal of Infrared, Millimeter and Terahertz Waves*, **1997**, 18, 1821-1836
- 9 Acoustic diffraction near a penetrable strip.. *Journal of the Acoustical Society of Japan (E)*, **1997**, 18, 289-296
- 8 Acoustic diffraction from a slit in an absorbing sheet. *Japan Journal of Industrial and Applied Mathematics*, **1996**, 13, 519-532 0.6 5
- 7 Solutions of gravitational field equations. *International Journal of Theoretical Physics*, **1995**, 34, 411-415 1.1
- 6 Variational approach to fractal solitary waves. *Fractals*, 3.2 14
- 5 Optimization of entropy production in flow of hybrid nanomaterials through Darcy-Borchheimer porous space. *Journal of Thermal Analysis and Calorimetry*, 4.1 10
- 4 Stationary distribution and periodic solution of a stochastic Nicholson's blowflies model with distributed delay. *Mathematical Methods in the Applied Sciences*, 2.3 1
- 3 A mathematical simulation of unsteady MHD Casson nanofluid flow subject to the influence of chemical reaction over a stretching surface: Buongiorno's model. *Heat Transfer*, 3.1 1
- 2 Entropy generation analysis for peristalsis of magneto Jeffrey materials. *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, 095440892110412 1.5
- 1 Hopf bifurcation induced by time delay and influence of Allee effect in a diffusive predator-prey system with herd behavior and prey chemotaxis. *Nonlinear Dynamics*, 5