

2026 Publication Record — Ongoing

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2026 Research Snapshot

Unique 2026 Records	Published	Q1	Q2	Q3	Q4	NA
29	26	9	7	8	1	4

Quartile distribution: Q1: 9 • Q2: 7 • Q3: 8 • Q4: 1 • Not Applicable: 4

Publication status: 26 published and 3 accepted.

2026 Publication Register

Q1 Publications

1	Design of an intelligent method for blur classification and adaptive restoration framework for robust aerial image deblurring operations Authors: Dhavalagimath, S.S., Rajesh, T.M., Singh, R.K. Journal: International Journal of Information Technology • January 2026 Status: Published • Quartile: Q1 Publication link: Open publication
2	An Alternative Approach to Solve Fuzzy System of Equations using Normalized Type 2 Triangular Fuzzy Numbers Authors: Sukanta Nayak, Paresh Kumar Panigrahi and Sudipta Priyadarshini Journal: Fuzzy Information and Engineering • February 2026 Status: Published • Quartile: Q1 Publication link: Open publication
3	Gradient Like Optimization Technique with Finite Element Method to Quantify the Uncertainties under Interval Type 2 Fuzzy Environments Authors: Paresh Kumar Panigrahi, Sukanta Nayak, Oscar Castillo Journal: Mathematics and Computers in Simulation • April 2026 Status: Published • Quartile: Q1 Publication link: Open publication
4	Spatiotemporal Dynamics in a Generalized FitzHugh–Nagumo System Incorporating Ionic Electromagnetic Induction Authors: Chinmay Chakraborty, Naresh Saha, Krishnendu Bera, Sanjeev K. Sharma, M. A. Aziz-Alaoui, Somak Das, Argha Mondal Journal: Nonlinear Dynamics • May 2026 Status: Published • Quartile: Q1 Publication link: Open publication

5	A Dynamical approach for a fractional-order SEIL epidemic model Authors: V Bhuvaneswari, D Suganya, Ibraheem Alsulami, Amer Alsulami, S Hariharan, L Shangerganesh Journal: AIMS Mathematics • June 2026 Status: Published • Quartile: Q1 Publication link: Open publication
6	A Neural Network Framework for Modeling the Dynamics of the Landau-Lifshitz-Gilbert Equation Authors: Sarabindu Dolui, Mohammed Salman Journal: Engineering Applications of Artificial Intelligence • June 2026 Status: Published • Quartile: Q1 Publication link: Open publication
7	A rule based Optimized Mathematical Framework for High-Fidelity Aerial Image Restoration Authors: Shankramma S, Dhavalagimath, Rajesh, T M, Madhura K, P Naresh, Praveen Kulkarni, Journal: International Journal of Computational Intelligence Systems • July 2026 Status: Published • Quartile: Q1 Publication link: Open publication
8	Nonlinear Dynamics of Finite-Amplitude Instability in Thermosolutal Magneto-Convection under Dual Modulation Authors: Om Prakash Keshri, Anand Kumar, Atul Jakhar, Pramila Kumari Prajapati Journal: Chinese Journal of Physics • July 2026 Status: Published • Quartile: Q1 Publication link: Open publication
9	Phase Space Reorganization and Travelling wave Emergence Driven by Non-Kerr Effects in Nonparaxial Optical Media Authors: Naresh Saha, Nirmoy Kumar Das, Ashoke Das, Arnob Ray Journal: Chaos • August 2026 Status: Accepted • Quartile: Q1

Q2 Publications

1	Degree-Based Graph Energies as Molecular Descriptors in QSPR Analysis Authors: S. Mondal, P. Sarkar, and Z. Raja Journal: Chemical Papers • February 2026 Status: Published • Quartile: Q2 Publication link: Open publication
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2	Spatio-temporal dynamical behavior of a nonlinear reaction-diffusion model with population variability Authors: S. Hariharan , L.Shangerganesh , J. Manimaran , M. A. Zaky , M. Babatin Journal: Applicable Analysis • February 2026 Status: Published • Quartile: Q2 Publication link: Open publication
3	Tribological and Predictive Modelling Analysis of Copper - CNT - Titanium Hybrid Metal Matrix Composites Authors: Sripada Kulkarni, Mallikarjun Biradar, S. Ramesh, R. Premchand, S.P. Shanmuganatan, Yuvaraja Naik, Mahadeva Prasad, Y.P. Ravitej, N.Subramani, Srikumar et al. Journal: Journal of Bio-and Tribo-Corrosion, Springer Nature Publications • March 2026 Status: Published • Quartile: Q2 Publication link: Open publication
4	Characterization of principal shift-invariant spaces on Vilenkin group Authors: Prasadini Mahapatra, Ram Mohapatra Journal: Georgian Mathematical Journal • April 2026 Status: Published • Quartile: Q2 Publication link: Open publication
5	Modeling Tumor Micro-scale Dynamics via Virtual Element Methods on Polygonized Square and Disk Domains Authors: Zaffar Mehdi Dar, M Chandru, Higinio Ramos Journal: International Journal of Computer Mathematics-Taylor & Francis • April 2026 Status: Published • Quartile: Q2 Publication link: Open publication
6	Modulational instability of constant intensity waves with PT-symmetric Wadati-Mathieu potential for polynomial law of self-phase modulation Authors: Nirmoy Kumar Das, Srimanta Maji, Naresh Saha, Ashoke Das, Anjan Biswas Journal: Europhysics Letters • April 2026 Status: Published • Quartile: Q2 Publication link: Open publication
7	Synergistic Role of S-Glass and Graphene on the Wear Performance of Al6061: Experimental Study and Explainable Machine Learning Analysis

	Authors: Sripada Kulkarni, Mallikarjun Biradar, Roopa D N, Hemanth B R, Sivakumar K Mallad, Santhosh M, Bindushree B S, Saravana Bavan D, Nadeem Pasha, Srikumar, Y.P. Ravitej Journal: Canadian Metallurgical Quarterly, Taylor & Francis Publications • May 2026 Status: Published • Quartile: Q2 Publication link: Open publication
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Q3 Publications

1	A Fractional Tuberculosis Host Population Model with Dynamical Analysis Authors: Suganya D., Bhuvaneswari V., Hariharan S., Shangerganesh L Journal: Journal of Discontinuity, Nonlinearity, and Complexity • January 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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2	Pressure gradient-influenced two-dimensional unsteady boundary layer viscous flow over a flat plate Authors: Shilpa P., Nagaraj C., Rakesh Kumar Singh, Lakshmi B., Vatsala G. A. Journal: Boletim da Sociedade Paranaense de Mathematica • February 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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3	Topological Indices of Certain Derived Graphs of Triglycerides Authors: Bharathi S N, Srikumar Krishnamurthy, Srimanta Maji Journal/Source: Boletim da Sociedade Paranaense de Mathematica • February 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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4	A Hybrid Algorithm for the Simulation of Burgers' Equation near the Inviscid Limit Authors: Srimanta Maji, Srikumar Krishnamurthy, Bharathi S N Journal/Source: Boletim da Sociedade Paranaense de Mathematica • March 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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5	Fractional-Order Generalized Inaccuracy Measures Based on Copula and Associated Properties and Applications Authors: Shital Saha, Suchandan Kayal, N. Balakrishnan Journal: REVSTAT-Statistical Journal • April 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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6	Review of Humanitarian Relocation in Post-Disaster Contexts: Social, Economic, and Logistical Perspectives Authors: Mayank Singh Bhakuni, Deepika Dimri Journal: Disaster Advances • May 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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7	A Machine Learning based Predictive Framework for Rainfall Severity Classification and Flood Early Warning: Case Study from 2025 Punjab Flood Authors: Shabir Sheikh Abubakar Zibran, Bhakuni Mayank Singh, and Chhetri Shalini Singh Journal: Disaster Advances • June 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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8	A Study on Soft β^*-continuity and compactness and their applications on decision-making problems Authors: Leonard Winston Aiman; Sreenanda Raut; Abeda S Dodamani Journal: Boletim da Sociedade Paranaense de Matemática • July 2026 Status: Published • Quartile: Q3 Publication link: Open publication
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Q4 Publications

1	Lenti-virus progression in a time-fractionality mathematical perspective Authors: Suganya D., Bhuvaneshwari V., Hariharan S., Shangerganesh L Journal: Nonlinear Studies • February 2026 Status: Published • Quartile: Q4 Publication link: Open publication
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Not specified Publications

1	A Multi-Stage Hybrid Framework for Blurred Aerial Image Enhancement Using Super-Resolution and Contrast-Edge Optimization Authors: Shankamma S Dhavalagimath, V. Sujay, G. Balakrishna, Rajesh T M, Praveen Kulkarni, P Naresh Journal: 8th International Conference on Inventive Material Science and Applications (ICIMA 2026). • April 2026 Status: Published • Quartile: Not Applicable Publication link: Open publication
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2	AI-Powered Portable Urinalysis System for Risk Screening of Uro-Systemic Disorders Authors: Praveen Kulkarni, Tejas M I, Tejasvi D, Venugopal, Srujan S Shetty, Shankramma S Dhavalagimath Journal: 10th International Conference on Inventive Systems and Control (ICISC 2026). • April 2026 Status: Accepted • Quartile: Not Applicable
3	An Adaptive Evolution Algorithm for Uncertain E-Commerce Last-Mile Vehicle Routing Optimization Problems Authors: Paresh Kumar Panigrahi, Sukanta Nayak Journal: IEEE 2026 1st International Conference on Artificial Intelligence & Machine Learning in Communication and Power Systems (AIMLCPS) • June 2026 Status: Published • Quartile: Not Applicable Publication link: Open publication
4	Q-Neuro: A Reliability- Aware Hybrid Quantum- Classical Pipeline for Four-Class Brain MRI Analysis Authors: Manish Nandy, Sushma D S, Seema J Kampli, Mamatha R M, Soram Wanglen, Shravankumar Dhangl Journal: IEEE 2026 3rd International Conference on Information Technology Status: Accepted • Quartile: Not Applicable Publication link: Not Applicable

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