

Jaypee Insitute of Information Technology

Publication Summary (Year 2005-2025)

S. No.	Article Type	Count
1	International Journals	4445
2	National Journals	119
3	International Conferences	2238
4	National Conferences	319
5	Book Publications	83
6	Chapter Publications	700
7	Case Studies/Editorial	68
	Total	7972

Indexing wise Publication Summary (Year 2005-2025)

S. No.	Indexing	Count
1	Indexed in SCOPUS	5609
2	SCI/SCIE/ESCI (Web of Science)	2165
3	Indexed in Web of Science but not in SCOPUS	31
4	Indexed in DBLP but not in SCOPUS and Web of Science	61
5	Not indexed in SCOPUS/Web of Science/ DBLP but having Impact factors	87
6	Others (Peer reviewed)	1299
7	Others (Non-Peer reviewed)	458

JIIT Publication Summary (CY 2025)

S. No.	Article Type	Count
1	International Journals	441
2	National Journals	0
3	International Conferences	114
4	National Conferences	0
5	Book Publications	22
6	Chapter Publications	140
7	Editorial (Scopus)	16
	Total	733

Indexing wise Publication Summary (CY 2025)

S. No.	Indexing	Count
1	Indexed in SCOPUS	647
2	SCI/SCIE/ESCI (Web of Science)	221
3	Others (Peer reviewed)	86

Jaypee Insitute of Information Technology	
Publication CY 2025	
S. No.	FULL REFERENCE
JOURNAL (Scopus)	
1	Saini, S.; Agarwal, R.; Singh, S.P.; Gupta, P.; Vidhyarthi, A.; Verma, R., Augmented Ensemble Model (AEM) for health trends prediction on social networks, PLOS ONE, 20, (2025).doi:10.1371/journal.pone.0323449
2	Sharma, S.; Bhardwaj, A.; Narayanan, N.; Chowdhury, P., Harvesting Nature's Brilliance: Iron Ion (Fe ³⁺) Sensing by Plumeria obtusa Leaf-Derived Carbon Quantum Dots, Arabian Journal for Science and Engineering, 50, (2025).doi:10.1007/s13369-024-09815-8
3	Lakhera, S.; Rana, M.; Dhuliya, V.; Purohit, L.P.; Dhanusha, A.; T Chidambaram, T.C.S.; Sharma, S.; Chowdhury, P.; Sakshi, K.; Roy, S.; Kumar, D., Enhancement of optical limiting activity of para-aminobenzoic acid using silver nanoparticles, Scientific Reports, 15, (2025).doi:10.1038/s41598-025-90838-y
4	Singh, S.; Agrawal, K.; Lalpekkimi, A.; Marak, D.Ch.; Singh, D.; Rana, D.; Thakur, Z.; Kumari, S.; Saini, H.; Kumar, M., Heavy Metals as Environmental Carcinogens: Implications for Lung Cancer in Humans, Journal of Experimental Biology and Agricultural Sciences, 13, (2025).doi:10.18006/2025.13(5).648.656
5	Singh, M.; Singh, C.; Chauhan, K.; Rajpoot, G.K.; Jain, C., AI-mediated immunotherapeutics in adenoid cystic carcinoma: Challenges and current perspectives, Critical Reviews in Oncology/Hematology, 216, (2025).doi:10.1016/j.critrevonc.2025.104984
6	Pancholi, A.; Negi, P.; Samanta, K.; Das, A.; Yanda, P.; Pandey, S.K.; Roychowdhury, S., Emergent Ferromagnetism and Spin Gapless Conductivity in Atomically Thin Co ₃ Sn ₂ S ₂ Nanosheets, Journal of the American Chemical Society, 147, (2025).doi:10.1021/jacs.5c08223
7	Mishra, N.; Gupta, A.; Mala, S.; Das, S.; Tyagi, N.; Bhardwaj, S.; Debnath, N.C.; Mishra, A., Multi Stream Attention Networks with Adaptive Syntactic-Emotional Fusion for Sentiment Analysis, International Journal of Computers and their Applications, 32, (2025).doi:
8	Kumawat, A.; Jawdekar, A.; Gupta, V.; Upadhyay, S.K.; Wadekar, S.; Shekhar, C., Next-Generation Aerial Threat Detection Using Yolov5, International Research Journal of Multidisciplinary Scope, 6, (2025).doi:10.47857/irjms.2025.v06i03.04370
9	Khan, S.; Chaturvedi, A.; Kumar, S.; Barin, A.; Sheikh, S.P.; Ahmad, A., Investigating the impact of intellectual capital through VAIC model on the financial performance of IT firms in India, International Journal of Learning and Intellectual Capital, 22, (2025).doi:10.1504/IJLIC.2025.147368
10	Khan, S.A.; Qamar, Z.; Kamboj, S.; Moonis, M.; Rai, G.; Dang, S.; Singh, P.P.; Alam, O.; Parvez, S.; Baboota, S.; Ali, J., Nose to brain delivery of nanostructured lipid carriers loaded with rivastigmine and nilotinib for treating Alzheimer's disease: preparation, cell line study, and in vivo evaluation, Discover Nano, 20, (2025).doi:10.1186/s11671-025-04276-w

11	Aashish, K.; Anubhav, K.; Sharma, S.; Singh, N.; Zohair, M., Digital Platform Capabilities for Transforming Cultural Heritage Business: Exploring the Mediating Role of Business Model Experimentation and Competitive Advantage, <i>Journal of Risk and Financial Management</i> , 18, (2025).doi:10.3390/jrfm18050265
12	Ali, A.; Bisht, P.; Schrade, M.; Xing, W.; Vullum, P.E.; Taniguchi, T.; Watanabe, K.; Mehta, B.R.; Belle, B.D., Optically Programmable Smart WSe ₂ /hBN Heterostructure Gas Sensors, <i>ACS Applied Materials and Interfaces</i> , 17, (2025).doi:10.1021/acsami.5c09390
13	Singh Chouhan, B.S.; Ghosal, S.; Vaswani, L.K.; Rohith, K.M.; Panwar, A.; Giri, P.K.; Kumar, G., Tunable broadband terahertz modulation in a multi-stacked toroidal metamaterial, <i>Physica Scripta</i> , 100, (2025).doi:10.1088/1402-4896/ae0837
14	Naranjo, E.; Quinchuela-Paucar, J.C.; Ulloa, N.; Escobar, M.; Rambod, H., Hydroxyapatite coating of TiNi shape memory alloy via Electrophoretic Deposition (EPD), <i>Materials Research Innovations</i> , 29, (2025).doi:10.1080/14328917.2024.2372897
15	Parveen, S.; Sartaj, A.; Kashif Iqbal, M.; Kumari, P.; Dang, S.; Aldosari, E.; Baboota, S.; Ali, J., Topical co-delivery of tacrolimus and calcipotriol loaded nanostructured lipid carrier: a potential and synergistic approach in the management of psoriasis, <i>Journal of Dispersion Science and Technology</i> , 46, (2025).doi:10.1080/01932691.2024.2325395
16	Dogra, A.; Narang, R.S.; Kaur, T.; Kaur, S.; Dang, S.; Narang, J.K., Intranasal Poly(Lactic-co-Glycolic Acid) Nanoparticles of Mefenamic Acid Improve Motor Expressions and Neurochemical Injury in Aluminium Chloride Originated Alzheimer's Disease, <i>Journal of Cluster Science</i> , 36, (2025).doi:10.1007/s10876-025-02798-y
17	Saxena, S.; Srivastava, S.; Dudeja, D.; Dora Pravina, C.T.; Kapila, N.; Narooka, P., Enhancing cybersecurity measures in virtual reality and augmented reality environments: Challenges, risks, and solutions, <i>Journal of Discrete Mathematical Sciences and Cryptography</i> , 28, (2025).doi:10.47974/JDMS-2444
18	Pal, S.; Palaniyandi, S.; Al-Abri, A.; Robinson Joel, R.; Bhuvanewari, G.; Manikandan, G., A nonlinear autoregressive recurrent forward harmonic network for rainfall forecasting, <i>Journal of Hydrology</i> , 663, (2025).doi:10.1016/j.jhydrol.2025.134208
19	Albalawi, N.S.; Alzahrani, Y.; Alsalmi, N.; Patidar, Y.; Tolani, M., Energy-efficient priority encoding strategies using machine learning based hybrid MAC protocol for wireless sensor networks, <i>Scientific Reports</i> , 15, (2025).doi:10.1038/s41598-025-31752-1
20	Kumar, N.; Sharma, B.; Gond, C.; Daksh, S.; Srivastava, P.; Ojha, H.; Datta, A., Structural analysis and evaluation of natural compounds for thrombotic disorder management: ADMET profiling, docking, dynamics, and post-dynamic assessment, <i>Chemical Papers</i> , 79, (2025).doi:10.1007/s11696-025-03890-3

21	Lakhera, S.; Rana, M.; Dhanusha, A.; T Chidambaram, T.C.S.; Sharma, S.; Chowdhury, P., Indole-7-carboxaldehyde functionalized silver and gold nanoparticles as novel metal-organic laser power limiting composites, <i>Photonics and Nanostructures - Fundamentals and Applications</i> , 64, (2025).doi:10.1016/j.photonics.2025.101386
22	Kaushik, B.; Bhatia, S.K.; Tyagi, S.; Goel, S., Understanding the impact of media and latency in information response on the disease propagation: a mathematical model and analysis, <i>Epidemiologic Methods</i> , 14, (2025).doi:10.1515/em-2024-0011
23	Garg, A.; Shukla, N.K.; Belarbi, M.-O.; Mukherjee, D.; Pushpavalli, M.; Raman, R.; Avcar, M.; Singh Narula, M.; Li, L., Bird strike-induced damage studies on bio-inspired laminated plates with holes, <i>Aerospace Science and Technology</i> , 162, (2025).doi:10.1016/j.ast.2025.110200
24	Peera, S.G.; Liu, C.; Prasada Reddy, P.S.; Das, S.K.; Sahu, A.K.; Siddiqui, M.R.; Ramala Sarkar, I.J.; Kumar, S.; Bhatnagar, A., Enhanced oxygen reduction reaction with rare-earth metal-based Ce-N-C catalyst, <i>International Journal of Hydrogen Energy</i> , 107, (2025).doi:10.1016/j.ijhydene.2024.09.106
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26	Mishra, R.K.; Avinashi, S.K.; Yadav, S.K.; Fatima, Z.; Nain, R.; Rakhi; Kumari, S.; Shweta; Mehta, N.; Dwivedi, R.K.; Gautam, C., Unveiling of physical, structural, morphological, and electrical properties of Fe ₂ O ₃ doped (30-x)BaO•30TiO ₂ •40SiO ₂ •x[Fe ₂ O ₃], (0≤x≤6) glass-ceramics potential for energy storage devices, <i>Ceramics International</i> , 51, (2025).doi:10.1016/j.ceramint.2025.07.219
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30	Gupta, R.; Seth, J.K.; Sharma, A.; Goyal, A., Can Public Code Smells Datasets Be Trusted?, <i>Journal of Communications Software and Systems</i> , 21, (2025).doi:10.24138/jcomss-2025-0131

31	Kumar, P.; Kushwaha, C.; Sethi, D.; Ghosh, D.; Gupta, P.; Vidyarthi, A., Investigating the performance of multivariate LSTM models to predict the occurrence of Distributed Denial of Service (DDoS) attack, PLOS ONE, 20, (2025).doi:10.1371/journal.pone.0313930
32	Parashar, N.; Johri, P.; Elbeltagi, A.; Salem, A.; Choudhary, P.; Kumar, V.; Agrawal, T., Enhanced residual-attention deep neural network for disease classification in maize leaf images, Scientific Reports, 15, (2025).doi:10.1038/s41598-025-14726-1
33	Kumari, P.; Ali, J.; Baboota, S.; Tyagi, A.; Dang, S., Synergistic anti-breast cancer activity of simvastatin and thymoquinone encapsulated in nanostructured lipid carriers for enhanced therapeutic outcomes, Journal of Microencapsulation, 42, (2025).doi:10.1080/02652048.2025.2521077
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36	Kumari, P.; Paul, K.; Kumar, N.; Sinha, P.; Agrawal, K.K.; Vidyarthi, A.; alkhayyat, A., An improved swarm intelligence for power system economic operations based on optimal power generation to control congestion in transmission channels, Neural Computing and Applications, 37, (2025).doi:10.1007/s00521-024-10952-2
37	Pandey, K.; Kumar, M.; Chauhan, S.; Raman, R.S., Microwave-assisted sol-gel synthesis of Li-Co doped zinc oxide nanoparticles: Investigating the effects of codoping on structural, optical, and magnetic properties for spintronic applications, Journal of Crystal Growth, 652, (2025).doi:10.1016/j.jcrysgro.2025.128053
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41	Naqvi, A.; Jain, A.; Goyal, A.; Verma, A., Understanding Code Quality: A Qualitative Evaluation of LLM-Generated vs. Human-Written Code, International Journal of Performability Engineering, 21, (2025).doi:10.23940/ijpe.25.10.p3.559571

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49	Thuppari, C.; Jannu, S.; Edla, D.R.; Vidyarthi, A.; Agrawal, K.K.; alkhayyat, A., Energy-Aware Compression and Consumption Algorithms for Efficient TinyML Model Using Aquila Optimization in Industrial IoT, <i>IEEE Transactions on Consumer Electronics</i> , 71, (2025).doi:10.1109/TCE.2024.3475393
50	Khan, O.; Zaheen Khan, M.Z.; Habib, I.; Parvez, M.; Alhodaib, A.; Yahya, Z.; Tripathi, M., Development of a novel energy efficient integrated system for concurrent waste water treatment, hydrogen production and carbon capture- A sustainable approach, <i>International Journal of Hydrogen Energy</i> , 137, (2025).doi:10.1016/j.ijhydene.2024.10.069
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55	Sachdeva, S.; Varshney, A.; Barman, H.C.; Powell, M.A.; Sahoo, P.K., Potentially toxic elements in different inorganic and organic fertilizers: A comprehensive review on global perspective and fertilizer-wise differences, <i>Applied Soil Ecology</i> , 209, (2025).doi:10.1016/j.apsoil.2025.105996
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