

JIIT Publication Summary (Year 2005-2024)

S. No.	Article Type	Count
1	International Journals	4004
2	National Journals	119
3	International Conferences	2124
4	National Conferences	319
5	Book Publications	61
6	Chapter Publications	560
7	Case Studies/Study Material/Articles/Reviews	52
	Total	7239

Indexing wise Publication Summary (Year 2005-2024)

S. No.	Indexing	Count
1	Indexed in SCOPUS	4962
2	Indexed in Web of Science but not in SCOPUS	31
3	Indexed in DBLP but not in SCOPUS and Web of Science	61
4	Not indexed in SCOPUS/Web of Science/ DBLP but having Impact factors	87
5	Others (Peer reviewed)	1213
6	Others (Non-Peer reviewed)	458
7	SCI/SCIE/ESCI (Web of Science)	1944

JIIT Publication Summary (CY 2024)

S. No.	Article Type	Count
1	International Journals	454
2	National Journals	0
3	International Conferences	146
4	National Conferences	0
5	Book Publications	8
6	Chapter Publications	80
	Total	688

Indexing wise Publication Summary (CY 2024)

S. No.	Indexing	Count
1	Indexed in SCOPUS	688
2	SCI/SCIE/ESCI (Web of Science)	262
3	Others (Peer reviewed)	0

	Jaypee Insititute of Information Technology Publication CY 2024
S. No.	FULL REFERENCE
	JOURNAL
1	Pathak A.; Chhoker S., Multi-pollutant degradation from 2D MoO ₃ /g-C ₃ N ₄ /functional carbon nanomaterial based composite utilizing Z-scheme photocatalysis, Ceramics International, 50, (2024).doi:10.1016/j.ceramint.2024.10.144
2	Kumari P.; Payal, Exploring the influence of coupled interfacial imperfections on SH wave propagation in layered structures with sliding interaction, GEM - International Journal on Geomathematics, 15, (2024).doi:10.1007/s13137-024-00254-z
3	Aggarwal K.; Arora A., Stock Indexes Community Identification Using BAT-Modified Optimization Algorithm, SN Computer Science, 5, (2024).doi:10.1007/s42979-024-03361-8
4	Agarwal P.; Sahoo A.; Garg D., An Improved Quantum Inspired Particle Swarm Optimization for Forest Cover Prediction, Annals of Data Science, 11, (2024).doi:10.1007/s40745-023-00509-w
5	Macherla S.K.; Goel E.; Singh A.K.; Pandey A., DC and RF Performance Optimization of Source Pocket Designed Hybrid-Dielectric Vertical Nanowire Tunnel-FET: Low Power Perspective, ECS Journal of Solid State Science and Technology, 13, (2024).doi:10.1149/2162-8777/ad9523
6	Kushwah R., Tree-based dual load balancing scheme in wireless mesh networks with multiple gateways: Tree-based dual load balancing..: R. Kushwah, Telecommunication Systems, 87, (2024).doi:10.1007/s11235-024-01221-7
7	Malik A.; Kushwah R., Optimizing Energy Efficiency and Delay in IoT Networks using M/G/1 Queuing with Adaptive Vacation Policy, International Journal of Performability Engineering, 20, (2024).doi:10.23940/ijpe.24.12.p5.753763
8	Thakur P.; Gauba P., Expression Analysis of Nitrogen Metabolism Genes in Lelliottia amnigena PTJIT1005, Comparison with Escherichia coli K12 and Validation of Nitrogen Metabolism Genes, Biochemical Genetics, 62, (2024).doi:10.1007/s10528-024-10677-w
9	Sharma P.K.; Kumra R., The second COVID-19 coronavirus wave and its implications for stress, anxiety, and depression among Indian adults, Mental Health and Social Inclusion, 28, (2024).doi:10.1108/MHSI-08-2022-0054
10	Bansal B.; Sahoo A., Enhanced honey badger algorithm for multi-view subspace clustering based on consensus representation, Soft Computing, 28, (2024).doi:10.1007/s00500-024-10302-3
11	Pani K.; Chawla I., Synthetic MRI in action: A novel framework in data augmentation strategies for robust multi-modal brain tumor segmentation, Computers in Biology and Medicine, 183, (2024).doi:10.1016/j.combiomed.2024.109273
12	Saif M.; Tripathi D., Enhanced Thermoelectric Performance of La _{1.98} Sr _{0.02} Cu _{0.94} Co _{0.06} O ₄ by Multiwalled Carbon Nanotubes Addition, Energy Storage, 6, (2024).doi:10.1002/est2.70098

13	Sharma S.; Gauba P.; Tyagi A.; Dang S., Chitosan-modified polymeric nanoparticles for the nose-to-brain drug delivery of paroxetine: an in vitro and in vivo evaluation, <i>Nanoscale</i> , 17, (2024).doi:10.1039/d4nr04250f
14	Shahsavar A.; Jha P., Experimentally exploring the synergy of rotating twisted tape turbulators and hybrid nanofluids for enhanced photovoltaic thermal system performance, <i>Energy</i> , 313, (2024).doi:10.1016/j.energy.2024.133950
15	Mehndiratta A.; Asawa K., Discovering Elementary Discourse Units in Textual Data using Canonical Correlation Analysis, <i>International Journal of Performability Engineering</i> , 20, (2024).doi:10.23940/ijpe.24.12.p2.723732
16	Tripathi P.K.; Jain C.K., A comprehensive Colorectal Cancer Medicinal Plants and Metabolites Database: CRCMMDB, <i>Journal of Phytomedicine and Therapeutics</i> , 23, (2024).doi:10.4314/jopat.v23i2.22
17	Muchhal N.; Kumar A.; Tewari N.; Kalia S.; Srivastava S., Design of a Half-Mode Substrate-Integrated Waveguide (HMSIW) Multimode Resonator Bandpass Filter Using the Minkowski Fractal for C-Band Applications, <i>Micromachines</i> , 15, (2024).doi:10.3390/mi15121440
18	Mittal K.; Khurana Batra P., Graph-ensemble fusion for enhanced IoT intrusion detection: leveraging GCN and deep learning, <i>Cluster Computing</i> , 27, (2024).doi:10.1007/s10586-024-04404-8
19	Aly A.H.; Suthar B.; Mubarakali A.; Abdallah S.A.O.; Awasthi S.K.; Fouad E.; Fathy M.I., Photonic Bandgap Properties of One-Dimensional Bilayer Periodic Structure Composed of Silicon Dioxide and Gallium Phosphide Material Layers, <i>Sensing and Imaging</i> , 25, (2024).doi:10.1007/s11220-024-00463-8
20	Kumari S.; Khare V.; Arora P., Optimizing Seizure Detection: A Comparative Study of SVM, CNN, and RNN-LSTM, <i>International Journal of Computational Methods and Experimental Measurements</i> , 12, (2024).doi:10.18280/ijcmem.120405
21	Kumari P.; Payal, Impact of Electro-Mechanical Interfacial Imperfection on Rayleigh Wave Propagation in Piezo-Self-Reinforced Layered Structure Under Gravity, <i>Journal of Vibration Engineering and Technologies</i> , 12, (2024).doi:10.1007/s42417-024-01521-x
22	Vipin Kumar; Sharma D.K.; Juneja S.; Shukla S.; Sharma S.; Kumar P.; Dwivedi D.K.; Yadav N.P.; Zargar R.A., Synthesis and Characterization of Stoichiometric Cobalt Monosulfide (CoS) Film by a Simple and Cost-Effective Screen-Printing Process, <i>Physics of Metals and Metallography</i> , 125, (2024).doi:10.1134/S0031918X24600507
23	Rana P.; Shukla N.; Areekara S.; Pop I., Multiple solutions and temporal stability for ternary hybrid nanofluid flow between non-parallel plates with entropy generation analysis, <i>ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik</i> , 104, (2024).doi:10.1002/zamm.202400124
24	Yadav A.; Mishra S.; Pathak A., Partial loopholes free device-independent quantum random number generator using IBM's quantum computers, <i>Physica Scripta</i> , 99, (2024).doi:10.1088/1402-4896/ad7c02

25	Kasana H.; Chander H.; Mathur A., Technological advancement in the development of monoclonal antibody therapies: Present, past, and future, <i>Journal of Applied Biology and Biotechnology</i> , 12, (2024).doi:10.7324/JABB.2024.172190
26	Aly A.H.; Mohamed B.A.; Al-Dossari M.; Mohamed D.; Awasthi S.K.; Fouad E.; Alshomrany A.S.; Amin A.F.; Hanafy H., CaF ₂ /TiO ₂ nanophotonic biosensor based on a one-dimensional photonic crystal for Chikungunya virus detection, <i>Applied Optics</i> , 63, (2024).doi:10.1364/AO.537230
27	Agnihotri A.; Misra R.K., Are top Business Schools in India assessing contemporary managerial competencies required by industry during MBA selection process?, <i>International Journal of Management Education</i> , 22, (2024).doi:10.1016/j.ijme.2024.101032
28	Kalra D.; Khare V.; Kumar R., Class-Specific GANs to Improve Synthesis of Bacterial and Viral Pneumonia Chest X-Ray Images, <i>Journal Europeen des Systemes Automatises</i> , 57, (2024).doi:10.18280/jesa.570629
29	Singh A.; Sharma S.; Sengupta S.; Goel K., Sailing through the pandemic: role of authentic leadership and horizontal collectivism in unlocking work engagement in Indian startups, <i>Journal of Asia Business Studies</i> , 18, (2024).doi:10.1108/JABS-03-2022-0118
30	Agarwal M.; Singhal A., A Gaussian Filtering Approach for Accurate Detection of Schizophrenia, <i>Iranian Journal of Science and Technology - Transactions of Electrical Engineering</i> , 48, (2024).doi:10.1007/s40998-024-00738-6
31	Sharma S.; Upadhyay R.K.; Babu N.S.; Sharma S.K., Solution processed highly UV sensitive photodetector based on sub 5 nm Sn nanoparticles blended with TiO ₂ nanofibers, <i>Journal of Alloys and Compounds</i> , 1001, (2024).doi:10.1016/j.jallcom.2024.175096
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33	Yadav A.; Kumar A., Structural, micro-structural/morphological and magnetic properties of RECrO ₃ (RE=La, Nd, Sm, Eu and Gd) Orthocromites, <i>Journal of Magnetism and Magnetic Materials</i> , 610, (2024).doi:10.1016/j.jmmm.2024.172529
34	Thakur U.; Prajapati A.; Vidyarthi A., A bilateral assessment of human activity recognition using grid search based nonlinear multi-task least squares twin support vector machine, <i>Multimedia Tools and Applications</i> , 83, (2024).doi:10.1007/s11042-024-18993-4
35	Arif M.; Sachdeva S.; Mangla S.; Sahoo P.K., Analyzing air quality status at India's heritage sites: Climate, COVID-19 lockdown, and Solutions, <i>Journal of Atmospheric Chemistry</i> , 81, (2024).doi:10.1007/s10874-024-09458-x
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40	Pratap R.; Pandey S.; Vishal V.; Raghuvanshi I.; Kumar S.; Lahiri J.; Parmar A.S., Sensing of p-nitrophenol using highly selective and sensitive Boran, Nitrogen doped quantum dots, <i>Chemical Physics Impact</i> , 9, (2024).doi:10.1016/j.chphi.2024.100697
41	Mukherjee S.; Kumar N.M.A.; Manna S.; Nath S.G.; Gopal R.K.; Mitra C.; Kamaraju N., Magnetic order influenced phonon and electron dynamics in MnBi ₂ Te ₄ and Sb-doped MnBi ₂ Te ₄ investigated by terahertz time-domain spectroscopy, <i>Physical Review B</i> , 110, (2024).doi:10.1103/PhysRevB.110.195401
42	Sood A.; Kaushik R., Radio over FSO link for OFDM based MDM-PDM transmission under different dust environment, <i>Journal of Optics (India)</i> , 53, (2024).doi:10.1007/s12596-023-01607-x
43	Kushwah R., Navigating the Cybersecurity Landscape: Vulnerabilities, Mitigation Strategies and Future Outlooks, <i>International Journal of Performability Engineering</i> , 20, (2024).doi:10.23940/ijpe.24.11.p5.688698
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48	Gupta V.; Gupta C.; Swacha J.; Rubalcaba L., Prototyping technology adoption among entrepreneurship and innovation libraries for rural health innovations, <i>Library Hi Tech</i> , 42, (2024).doi:10.1108/LHT-03-2023-0120
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55	Agarwal M.; Singhal A., Classification of cyclic alternating patterns of sleep using EEG signals, Sleep Medicine, 124, (2024).doi:10.1016/j.sleep.2024.09.025
56	Kumar A.; Yadav P.K., An inclined magnetic field and slip effect on heat and mass transfer analysis in the peristaltic flow of immiscible fluid through an asymmetric porous channel, International Communications in Heat and Mass Transfer, 159, (2024).doi:10.1016/j.icheatmasstransfer.2024.108118
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65	Srivastava S.; Mathur G., Statistical optimization of bioprocess parameters for enhanced production of bacterial cellulose from K. saccharivorans BC-G1, Brazilian Journal of Microbiology, 55, (2024).doi:10.1007/s42770-024-01397-9
66	Misra A.; Satpathi U.; Sinha S.; Roy S.; Chaudhuri S., Effect of light-assisted tunable interaction on the position response function of cold atoms, Optics Letters, 49, (2024).doi:10.1364/OL.532095
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71	Sharma S.; Chowdhury P., Photoluminescent carbon quantum dots synthesized from Plumeria leaves as metal ion sensor, Bulletin of Materials Science, 47, (2024).doi:10.1007/s12034-024-03273-6
72	Pandey K.; Chauhan S.; Kumar M., Comparative Study of BaSnO ₃ and TiO ₂ -Based Dye Sensitized Solar Cells Utilizing Complex Ruthenium-Derived N719 Dye, Journal of Electronic Materials, 53, (2024).doi:10.1007/s11664-024-11231-5
73	Sharma S.; Yadav P.; Rana M.; Chowdhury P., Reactivities of 4-amino salicylic acid and its 'Green' inhibition into nano sized β -cyclodextrin for Anti-Tuberculosis drug delivery, Journal of Molecular Liquids, 410, (2024).doi:10.1016/j.molliq.2024.125611
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75	Kumar A.; Chaturvedi B.; Jagga S., An Efficient and Compact Mixed-Mode TOQO using Single CFDITA, Journal of Integrated Circuits and Systems, 19, (2024).doi:10.29292/jics.v19i2.771

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78	Kumar S.; Bisht D.; Jain A., An Anchor-Aware Graph Autoencoder Fused with Gini Index Model for Link Prediction, SN Computer Science, 5, (2024).doi:10.1007/s42979-024-03081-z
79	Simon M.; Chauhan P., Magnetic field enhanced terahertz generation from shape-dependent metallic nanoparticles, Journal of Optics (United Kingdom), 26, (2024).doi:10.1088/2040-8986/ad5b74
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81	Singh K.S.; Kumar S., Mole Fraction and Device Reliability Analysis of Vertical-Tunneling-Attributed Dual-Material Double-Gate Heterojunction-TFET with Si _{0.7} Ge _{0.3} Source Region at Device and Circuit Level, Journal of Circuits, Systems and Computers, 33, (2024).doi:10.1142/S0218126624502128
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