

Supporting Documents

3.4.9

Bibliometrics of the publications during the year based on Scopus/Web of Science-h-Index of the Institution



3.4.9 Bibliometrics of the publications during the year based on Scopus/Web of Science-h-Index of the Institution

h-Index Scopus	32						
h-Index Web of Science	32						
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal	Weblink
Chemical Sciences							
Photophysical characterization of coumarin and rhodanine derivatives as viscosity sensitive fluorescence turn-on probes	Bhanu Priya, Naresh Kumar, Roopa	Department of Chemistry	Dyes and Pigments	2023	1873-3743	https://www.scopus.com/sourceid/23502	https://www.sciencedirect.com/science/article/abs/pii/S0143720822006295
A xanthene-based probe with dual reaction sites enables fluorescence turn-on detection of thiophenol in an aqueous medium	Bhanu Priya, Naresh Kumar, Deepak Mishra and Roopa	Department of Chemistry	New Journal of Chemistry	2023	1369-9261	https://www.scopus.com/sourceid/24824	https://pubs.rsc.org/en/content/articlelanding/2023/nj/d2nj05596a
Deep eutectic solvents with ultrasonic energy as an environmentally benign and green approach for the synthesis of bithioglycolic acid derivatives	Gobind Kumar, Parvesh Singh, Gaurav Bhargava, Baljinder Singh Gill, Jaspreet Kaur Rajput, Rupesh Kumar	Department of Chemistry	Journal of Sulfur Chemistry	2023	1741-5993	https://mjl.clarivate.com/search-results?issn=1741-5993&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/abs/10.1080/17415993.2023.2242994
Morphological and structural analysis of Fe/Sn bimetal system and graphene oxide–chitosan modified Fe/Sn composite - A comparative study and their mechanistic role in degradative fixation of chlorazol black and reactive blue 4 from water	Monika Thakur, Harminder Singh, Jaspreet Kaur Rajput, Rupesh Kumar	Department of Chemistry	Reaction Kinetics, Mechanisms & Catalysis	2023	1878-5204	https://mjl.clarivate.com/search-results?issn=1878-5190&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s11144-023-02366-3
A new entrant in ketene family: Generation of 2-(3-Oxo-allyl)-isoindole-1,3-dione and their [4+2] cycloadditions with 1,3-diazabuta-1,3-dienes	Rayees Ahmad Naikoo, Rashmi Sharma, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Asian Journal of Organic Chemistry	2023	2193-5815	https://mjl.clarivate.com/search-results?issn=2193-5807&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/org/science/article/abs/pii/S2193580723000089
Trio role of deep eutectic solvents in the green synthesis of 1,4-dihydropyridine synthesis via Hantzsch reaction	Gobind Kumar, Gaurav Bhargava, Rupesh Kumar	Department of Chemistry	Polycyclic Aromatic Compounds	2022	1040-6638	https://mjl.clarivate.com/search-results?issn=1040-6638&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/org/science/article/abs/pii/S1040663823001343#:~:text=DESs%20have%20played%20a%20trio,products%2C%20and%20short%20reaction%20time.
Eosin Y Photocatalyzed Access to Biginelli Reaction Using Primary Alcohols via Domino Multicomponent Cascade: An Approach Towards Sustainable Synthesis of 3,4-dihydropyrimidin-2(1H)-ones	Gobind Kumar, Yogesh Kumar, Gaurav Bhargava, Rupesh Kumar	Department of Chemistry	Journal of Chemical Sciences	2022	0973-7103	https://mjl.clarivate.com/search-results?issn=0974-3626&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s12039-022-02039-z
Preparation of 70Sr–Zr–HAP.xZn(30-x)Si composites by microwave and conventional processing and characterization.	Ravinder Kumar Chadha kanchan L.Singh; Chetan Sharma Anirudh P.Singh; Vandana Naithani,	Department of Chemistry	Material Chemistry and Physics	2023	127415	https://mjl.clarivate.com/search-results?issn=0254-0584&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S0254058423001232

Ecotope-Based Diversity Monitoring of Wetland Using Infused Machine Learning Technique	Vipan Kumar Verma, Koyel Sur, Chandar Prakash	Department of Chemistry	Water Conservation Science & Engineering	2023	2364-5687	https://mjl.clarivate.com/search-results?issn=2366-3340&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s41101-023-00212-0#:~:text=Ecotopes%20in%20wetlands%20can%20be,Lehmann%20et%20a.
Oxa-Michael addition reactions of 3-hydroxy-2-azetidiones: synthesis of 1,3,4-trisubstituted-2-azetidiones	Priyanka Sharma, Maninderjeet Kaur Mann, Gaurav Bhargava,	Department of Chemistry	Letter in Organic Chemistry	2022	1570-1786	https://mjl.clarivate.com/search-results?issn=1570-1786&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.eurekaselect.com/article/116098
Solvent-free mechanochemical synthesis of bisthioglycolic acid derivatives: an efficient and versatile strategy for carbon-sulfur bond formation	Rayees Ahmad Naikoo, Parvesh Singh, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Journal of Sulfur Chemistry	2022	1741-5993	https://mjl.clarivate.com/search-results?issn=1741-5993&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/org/science/article/pii/S174159932000447
Recent Developments in the Synthesis of Bicyclic Condensed Pyrimidinones	Rayees Ahmad Naikoo, Vipan Kumar, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Current Organic Chemistry	2022	1385-2728	https://mjl.clarivate.com/search-results?issn=1385-2728&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://benthamscience.com/public/article/120139
Eosin Y Photocatalyzed Access to Biginelli Reaction Using Primary Alcohols via Domino Multicomponent Cascade: An Approach Towards Sustainable Synthesis of 3,4-dihydropyrimidin-2(1H)-ones	Gobind Kumar, Yogesh Kumar, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Journal of Chemical Sciences	2022	0974-3626	https://mjl.clarivate.com/search-results?issn=0974-3626&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s12039-022-02039-z
Facially Selective Oxo-Diels-Alder Cycloadditions of α -Dienyl- β -Lactam: An Entry to Pyrano Tethered β -Lactams Bifunctional Hybrids	Maninderjeet Kaur Mann, Rupesh Kumar and Gaurav Bhargava	Department of Chemistry	Oriental Journal of Chemistry	2022	0970-020X	https://mjl.clarivate.com/search-results?issn=0970-020X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.proquest.com/openview/8cc0646103a358028b878ec55f6c3b6c/1?pq-origsite=gscholar&cbl=2050705
Editorial: Protozoal infections: Treatment and challenges	Vipan Kumar, Gaurav Bhargava,	Department of Chemistry	Front. Cell. Infect. Microbiol	2022	2235-2988	https://mjl.clarivate.com/search-results?issn=2235-2988&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://pubmed.ncbi.nlm.nih.gov/36118046/
A new entrant in ketene family: Generation of 2-(3-Oxo-allyl)-isoindole-1,3-dione and their [4+2] cycloadditions with 1,3-diazabuta-1,3-dienes	Rayees Ahmad Naikoo, Rashmi Sharma, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Asian J. Org Chem	2023	2193-5807	https://mjl.clarivate.com/search-results?issn=2193-5807&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/org/science/article/abs/pii/S2193580723000089
Trio role of deep eutectic solvents in the green synthesis of 1,4-dihydropyridine synthesis via Hantzsch reaction	Gobind Kumar, Gaurav Bhargava and Rupesh Kumar	Department of Chemistry	Polycyclic Aromatic Compounds,	2023	1040-6638	https://mjl.clarivate.com/search-results?issn=1040-6638&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/org/science/article/abs/pii/S1040663823001343#:~:text=DESs%20have%20played%20a%20trio,products%2C%20and%20short%20reaction%20time.

Deep eutectic solvents with ultrasonic energy as an environmentally benign and green approach for the synthesis of bithioglycolic acid derivatives	Gobind Kumar, Parvesh Singh, Gaurav Bhargava, Baljinder Singh Gill, Jaspreet Kaur Rajput, Rupesh Kumar	Department of Chemistry	Journal of Sulphur Chemistry	2023	1741-5993	https://mjl.clarivate.com/search-results?issn=1741-5993&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/abs/10.1080/17415993.2023.2242994
Highly Regio-/Chemoselective 6-exo-dig Iodo/Bromo Cyclizations of functionalized 5-amino propargyl Pyrimidinones: An Efficient Synthesis of Functionalized Pteridines	Rayees Ahmad, Rashmi Sharma, Rupesh Kumar, Gaurav Bhargava,	Department of Chemistry	RSC Advances	2023	2046-2069	https://mjl.clarivate.com/search-results?issn=2046-2069&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://pubs.rsc.org/en/content/article/landing/2023/ra/d3ra05651a
A computational study on the structural prediction of InhA inhibitors	Simranpreet Kaur Wahan, Shelly Pathania, Gaurav Bhargava, Pooja Chawla	Department of Chemistry	Polycyclic Aromatic Compounds	2023	1040-6638	https://mjl.clarivate.com/search-results?issn=1040-6638&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/full/10.1080/10406638.2023.2254901
Diastereo- and π -facially selective Hetero-Diels Alder cycloaddition reactions of 3-butadienyl-2-azetidionones with diazo-dienophiles	Maninderjeet Kaur Maan, Rashmi Sharma, Rupesh Kumar, Pooja Chawla, Gaurav Bhargava	Department of Chemistry	Polycyclic Aromatic Compounds	2023	1040-6638	https://mjl.clarivate.com/search-results?issn=1040-6638&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/full/10.1080/10406638.2023.2257844?srsc=
A facile, mechanochemical, solvent and catalyst-free synthesis of functionalized 4-thiazolidinones	Simranpreet K. Wahan, Pooja A. Chawla, Parvesh Singh, Rupesh Kumar, Gaurav Bhargava	Department of Chemistry	Synopen	2023	2509-9396	https://mjl.clarivate.com/search-results?issn=2509-9396&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.thieme-connect.com/products/ejournals/pdf/10.1055/a-2190-9678.pdf
Recent developments in Transformation of 3-Amino-2-Azetidinones	Priyanka Sharma, Rashmi Sharma, Vipin Kumar, Parvesh Singh, Gaurav Bhargava	Department of Chemistry	Current Organic Chemistry	2023	2509-9396	https://mjl.clarivate.com/search-results?issn=1385-2728&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.eurekaselect.com/article/135568
An eco-friendly, sustainable, and greener approach to the synthesis of Dihydroquinazolin-4(1H)-ones using deep eutectic solvent	Gobind Kumar, Parvesh Singh, Gaurav Bhargava, Neha Manhas, Jaspreet Kaur Rajput, Rupesh Kumar	Department of Chemistry	Journal of Heterocyclic chemistry	2023	0022-152X	https://mjl.clarivate.com/search-results?issn=0022-152X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://onlinelibrary.wiley.com/doi/abs/10.1002/jhet.4764
Chlorophyll: A greener catalyst in Synthetic Transformations	Simranpreet K. Wahan, Gaurav Bhargava Pooja A. Chawla,	Department of Chemistry	Synopen	2023	2509-9396	https://mjl.clarivate.com/search-results?issn=2509-9396&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.thieme-connect.de/products/ejournals/pdf/10.1055/s-0042-1751515.pdf
Mechanistic Insights into Photocatalytic Oxidation of Aromatic Alcohols for valuable phototransformations: A Critical Review	Gobind Kumar, Gaurav Bhargava, Rupesh Kumar	Department of Chemistry	Inorganica Chimica Acta	2023	0020-1693	https://mjl.clarivate.com/search-results?issn=0020-1693&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://mjl.clarivate.com/search-results?issn=0020-1693&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal

Ultrasound assisted synthesis of nitrogen and oxygen containing heterocycles	Simranpreet Kaur Wahan, Gaurav Bhargava, Pooja Chawla	Department of Chemistry	Current Organic Chemistry	2023	1385-2728	https://mjl.clarivate.com/search-results?issn=1385-2728&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://benthamscience.com/public/article/134415
Physical Sciences							
Ab initio study of nitrogen and boron-doped dimers.)	Sandeep Kaur, Hitesh Sharma, V. K. Jindal, Vladimir Bubanja & Isha Mudahar	Department of Physical Sciences	Molecular Physics	2022	1362-3028	https://mjl.clarivate.com/search-results?issn=0026-8976&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/abs/10.1080/00268976.2022.2100294
Hydrogen production from water using MoX ₂ (X:S,Se) heterostructures as photocatalysts,	N.K. Sharma , A. Kapila , Vivek, H Sharma	Department of Physical Sciences	Material today Sustainability	2022	2589-2347	https://mjl.clarivate.com/search-results?issn=2589-2347&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S2589234722001403
Understanding the Interaction Between Fullerene and Graphene Nanoribbons Using Density Functional Theory,	Sandeep Kaur, Hitesh Sharma and Isha Mudahar	Department of Physical Sciences	ECS Trans	2022	1938-5862	https://www.scopus.com/sourceid/3400148107	https://iopscience.iop.org/article/10.1149/10701.19863ecst/meta
Electronic bandstructure modulation of MoX ₂ /ZnO(X:S,Se) heterostructure by applying external electric field,	NehaKapila Sharma, Sandhyarani Sahoo, Mousam Charan Sahu, Sameer Kumar Mallik, AnjanKumar Jena, Hitesh Sharma, SanjeevK. Gupta , Rajeev	Department of Physical Sciences	Surfaces and Interfaces	2022	2468-0230	https://mjl.clarivate.com/search-results?issn=2468-0230&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S2468023022000980
Carbon Nanotubes with periodic Vacancy defects to Phenine Nanotubes: A DFT Study,	Amrisha Sharma a, Isha Mudahar b, Hitesh Sharma c	Department of Physical Sciences	Computational and Theoretical Chemistry	2022	2210-271X	https://mjl.clarivate.com/search-results?issn=2210-271X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S2210271X22001050
Structural and electronic properties of double perovskite ruthenates; A ₂ GdRuO ₆ (where A = Ba, Sr),	Sahil Dani a, A. Arya b, Hitesh Sharma c, Rakesh Kumar a, Navdeep Goyal d, Ravi Kumar e, Rabia Pandit c	Department of Physical Sciences	Journal of Alloys and Compounds	2022	0925-8388	https://mjl.clarivate.com/search-results?issn=0925-8388&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S0925838822015687
Understanding stability of FeTiVNi and CoFeVNi high entropy alloys using Density functional theory,	Payal .1, Hitesh Sharma2 and Isha Mudahar3	Department of Physical Sciences	ECS Trans	2022	1938-5862	https://www.scopus.com/sourceid/3400148107	https://iopscience.iop.org/article/10.1149/10701.20005ecst
Evolution of the Valence state of Ru metal ions in correlation with the structural and electronic properties of double perovskite ruthenates: A ₂ SmRuO ₆ (where A = Ba & Sr)	Sahil Dani, Rabia Pandit, Hitesh Sharma, A. Arya, R. J. Choudhary, Navdeep Goyal, Jarnail Singh and Rakesh Kumar	Department of Physical Sciences	Journal of Materials Chemistry C	2023	2050-7526	https://mjl.clarivate.com/search-results?issn=2050-7526&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://pubs.rsc.org/en/content/articlelanding/2023/te/d2tc05072b

Theroretical investigation of substitutionally doped symmetrical finite phenine nanotubes	Amrish Sharma1, Hitesh Sharma2 and Isha Mudahar1	Department of Physical Sciences	Physica Scripta	2023	0031-8949	https://mjcl.clarivate.com/search-results?issn=0031-8949&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://iopscience.iop.org/article/10.1088/1402-4896/acdda6
Proton and neutron exchange as a prelude to fusion at near-barrier energies	J. E. Johnstone, Varinderjit Singh, R. Giri, S. Hudan, J. Vadas, R. T. deSouza, D. Ackermann, A. Chbihi, Q. Hourdille, A. Abbott, C. Balhoff, A. Hannaman, A. B. McIntosh, M. Sorensen, Z. Tobin, A. Wakhle, S. J. Yennello, M. A. Famiano, K. W. Brown, C. Santamaria, J. Lubian, H. O. Soler, and B. V. Carlson	Department of Physical Sciences	Phys. Rev. C	2022	2469-9985	https://mjcl.clarivate.com/search-results?issn=2469-9985&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.106.L011603
Statistical model calculation of the compound nuclear fission timescale in fusion-fission reactions	Rupinder Kaur, Maninder Kaur, and Santanu Pal	Department of Physical Sciences	Phys. Rev. C	2022	2469-9985	https://mjcl.clarivate.com/search-results?issn=2469-9985&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.106.024604
Investigating 6,7Li-induced reactions on 235,238U through a collective clusterization approach	Rupinder Kaur, BirBikram Singh, Maninder Kaur, Manoj K. Sharma, and Pushendra P. Singh	Department of Physical Sciences	Phys. Rev. C	2022	2469-9985	https://mjcl.clarivate.com/search-results?issn=2469-9985&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.108.034611
Mathematical Sciences							
An efficient Adaptive step-size	Rajat Singla, Gurjinder Singh, V.	Mathematical	Computational and	2023	1807-0302	https://www.scopus.com/sourceid/5000153703	https://www.sciencedirect.com/science/article/abs/pii/S0950068922000000
On a generalized basic series and Rogers Ramanujan type identities.	P.Sonik, D. Ranganatha, M.Goyal	Mathematical Sciences	Contribution to Discrete Mathematics	2023	17150868	https://www.scopus.com/sourceid/21100297618	https://cdm.ualgaly.ca/article/view/73025
Space time fractional Ito system with variable coefficients: explicit solution, conservation laws and numerical approximation	Kour, B., Inc, M., Arora, A.	Mathematical Sciences	Multidiscipline Modeling in Materials and Structure	2023	15736105	https://www.scopus.com/sourceid/7100153127	https://www.emerald.com/insight/content/doi/10.1108/MMMS-05-2022-0097/full/html
Civil engineering							
Stabilizing black cotton soil in subgrade with municipal solid waste incineration ash for lowering greenhouse gas emission: A review	Singh Randhawa karanbir, Rajiv Chauhan	Civil Engineering	Materials Today Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	https://www.sciencedirect.com/science/article/abs/pii/S221478532105464X
Mitigation of liquefaction-induced hazard using geosynthetics: an experimental study using cyclic triaxial ad large -scale shake table tests	Rajiv Chauhan,Satyendra mittal, Vaibhav sharma	Civil Engineering	Innovative Infrastructure Solutiions	2022	2364-4176	https://www.scopus.com/sourceid/21100888788	https://link.springer.com/article/10.1007/s41062-022-00941-6
Computer Science & Engineering							
A Survey on Malware Classification Using Machine Learning and Deep Learning	Manish Goyal and Raman Kumar	CSE	International Journal of Computer Networks and Applications, (IJCNA)	2022	2395-0455	https://www.scopus.com/sourceid/21100992514	https://www.ijcna.org/Manuscripts/IJCNA-2021-O-56.pdf

DSIT: A DYNAMIC LIGHTWEIGHT CRYPTOGRAPHY ALGORITHM FOR SECURING IMAGE IN IOT COMMUNICATION	Navdeep Lata and Raman Kumar	CSE	International Journal of Image and Graphic	2022	1793-6756	https://www.scopus.com/sourceid/21100869464	https://www.worldscientific.com/doi/10.1142/S0219467823500353
NMTBR: Normalized Multilevel Trust Based Routing for Security Against Packet Drop Attacks in MANETs	Nitin Khanna, Sandeep Singh, Anshu Bhasin and Kamal Malik	CSE	Ad Hoc & Sensor Wireless Networks	2022	1552-0633	https://mjl.clarivate.com/search-results?issn=1551-9899&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://web.p.ebscohost.com/abstract?site=ehost&scope=site&jrnl=15519899&AN=153860247&h=9%2b54joN3%2bm3xitYPapiqJmDjltzCXgiJ%2b3aNXDwajDwxCI762D3pjX%2fBUoGxeBzO7yq6UIVe1PgXNUFLh%2bHQ%3d%3d&cr=c&resultLocal=ErrCrNoResults&resultNs=Ehost&erlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authype%3dcrawler%26jrl%3d15519899%26AN%3d153860247
Integration of Multi-Class Service Paradigm With Generic Trust Mechanism for Innovation, Customization and Adaptability in MANETs	Sandeep Singh, Anshu Bhasin, Nitin Khanna	CSE	International Journal of Information Retrieval Research (IJIRR). IGI GLOBAL	2022	2155-6377	https://mjl.clarivate.com/search-results?issn=2155-6377&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.igi-global.com/article/integration-of-multi-class-service-paradigm-with-generic-trust-mechanism-for-innovation-customization-and-adaptability-in-manets/300290
Multi-Level Enhanced Color Image Compression Algorithm using SVD & DCT	Garima Garg and Raman Kumar	CSE	International Journal on Recent and Innovation Trends in Computing and Communication	2023	2321-8169	https://www.scopus.com/sourceid/21101089961	https://jritcc.org/index.php/jritcc/article/view/5817
Mechanical Engineering							
Effect of post-heat treatment on the microstructural, mechanical, and bioactivity behavior of the microwave-assisted alumina-reinforced hydroxyapatite cladding	Pradeep Singh, Hitesh Vasudev , Amit Bansal	Mechanical Engineering	Journal of Process Mechanical Engineering	2022	20413009	https://www.scopus.com/sourceid/20408	https://journals.sagepub.com/doi/abs/10.1177/09544089221116168?journalCode=piea
Drug eluting titanium implants for localised drug delivery	Maninder Singh, Amoljit Singh Gill, Parneet Kaur Deol, Anupam Agrawal, Sarabjeet Singh Sidhu	Mechanical Engineering	Journal of Materials Research	2022	0884-2914 / 2044-5326	https://mjl.clarivate.com/search-results?issn=0884-2914&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1557/s43578-022-00609-y
Experimental Investigation and Performance Optimization during Machining of Hastelloy C-276 Using Green Lubricants	Gurpreet Singh, Vivek Aggarwal, Sehijpal Singh, Balkar Singh, Shubham Sharma, Jujhar Singh, Changhe Li, R. A. Ilyas, and Abdullah Mohamed	Mechanical Engineering	Materials	2022	1996-1944	https://mjl.clarivate.com/search-results?issn=1996-1944&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.mdpi.com/1996-1944/15/15/5451
Sustainable machining of Hastelloy C-276 enabling minimum quantity lubrication of environmentally compatible lubricants	Gurpreet Singh, Vivek Aggarwal, Sehijpal Singh, and Balkar Singh	Mechanical Engineering	Journal of Cleaner Production	2022	0959-6526	https://www.scopus.com/sourceid/19167	https://www.sciencedirect.com/science/article/abs/pii/S0959652622035004

A State-of-the-Art Review on the Misalignment, Failure Modes and Its Detection Methods for Bearings	Rajeev Kumar, Manpreet Singh, Siddique Khan, Jujhar Singh, Shubham Sharma, Harish Kumar, J. S. Chohan, and Vivek Aggarwal	Mechanical Engineering	MAPAN-Journal of Metrology Society of India	2022	0970-3950	https://www.scopus.com/sourceid/19400158455	https://link.springer.com/article/10.1007/s12647-022-00605-x
Dry sliding and slurry abrasion behaviour of wire arc additive manufacturing – Cold metal transfer (WAAM-CMT) clad Inconel 625 on EN8 steel”, Tribology International, Elsevier	Hrishav Raushan, Anuj Bansal, Vikrant Singh, Anil Kumar Singla, Jonny Singla, Ankita Omer, Jagtar Singh, Deepak Kumar Goyal, Navneet Khanna, Ranbir Singh Rooprai	Mechanical Engineering	Tribology International	2023	0301-679X	https://mjl.clarivate.com/search-results?issn=0301-679X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S0301679X22007472
Investigations on erosion performance of carbon fiber–epoxy-based composite adhesion on 16Cr5Ni steel	Mithlesh Sharma, Deepak Kumar Goyal, Anuj Bansal, Anil Kumar Singla, Neel Kanth Grover, Munish Kumar Gupta and Navneet Khanna	Mechanical Engineering	Journal of Process Mechanical Engineering	2023	0954-4089	https://mjl.clarivate.com/search-results?issn=0954-4089&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.sagepub.com/doi/abs/10.1177/09544089221150703?journalCode=piea
Performance investigations for sustainability assessment of Hastelloy C-276 under different machining environments	Gurpreet Singh, Vivek Aggarwal, Sehijpal Singh, Balkar Singh, Shubham Sharma, Jujhar Singh, Changhe Li, Grzegorz Królczyk, Abhinav Kumar, and Sayed M. Eldin	Mechanical Engineering	Heliyon	2023	2405-8440	https://www.scopus.com/sourceid/21100411756	https://www.sciencedirect.com/science/article/pii/S2405844023011404
Microwave Butt Joining of Stainless Steel (SS-316L) With an SS-316L Powder. Transactions of the Indian Institute of Metals	DS Sahota, Amit Bansal, and Vinod Kumar Verma	Mechanical Engineering	Transactions of the Indian Institute of Metals	2023	9722815	https://www.scopus.com/sourceid/12149	https://link.springer.com/article/10.1007/s12666-023-03009-w
Development, characterization, and cavitation erosion analysis of high velocity oxy-fuel (HVOF) sprayed TiC and (70Cu-30Ni)-Cr based composite coatings on SS316 steel	Rampal, Anil Kumar Singla, Anuj Bansal, Vikrant Singh, Navneet Khanna, Deepak Kumar Goyal, Jonny Singla, Satish Tailor	Mechanical Engineering	Tribology International	2023	0301-679X	https://mjl.clarivate.com/search-results?issn=0301-679X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://ouci.dntb.gov.ua/en/works/7X2JpM0/
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Improved dynamic performance of permanent magnet synchronous generator-based grid connected wind energy system	Preeti Rani, Ved Parkash Arora & Naveen Kumar Sharma	Department of Electrical Engineering , IKGPTU	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2021	1556-7036	Scopus preview - Scopus - Energy Sources, Part A: Recovery, Utilization and Environmental Effects	https://www.tandfonline.com/doi/full/10.1080/15567036.2021.2022814
Modeling and sensitivity analysis of grid-connected hybrid green microgrid system,	Sumit Sharma, Yog Raj Sood, Naveen Kumar Sharma, Mohit Bajaj, Hossam M. Zawbaa, Rania A. Turkey, Salah Kamel	Department of Electrical Engineering , IKGPTU	Ain Shams Engineering Journal	2022	2090-4479	Scopus preview - Scopus - Ain Shams Engineering Journal	https://www.sciencedirect.com/science/article/pii/S2090447921004573
A Topological Advancement Review of Magnetically Coupled Impedance Source Network Configurations	Arvind Yadav, Subhash Chandra, Mohit Bajaj, Naveen Kumar Sharma, Emad M. Ahmed, and Salah Kamel	Department of Electrical Engineering , IKGPTU	Sustainability	2022	2071-1050	Scopus preview - Scopus - Sustainability	https://www.mdpi.com/2071-1050/14/5/3123#:~:text=Magnetically%20coupled%20impedance%20source%20networks,of%20conventional%20voltage%20source%20inverters.
Hybrid Local-Global Optimum Search Using Particle Swarm Gravitation Search Algorithm (HLGOS-PSGSA) for Waveguide Selection	Simarpreet Kaur, Mohit Srivastava, Naveen Kumar Sharma, Kamaljit Singh Bhatia, Frie Ayalew Yimam, Harsimrat Kaur, Mohit Bajaj	Department of Electrical Engineering , IKGPTU	IEEE Access	2021	2169-3536	Scopus preview - Scopus - IEEE Access	https://ieeexplore.ieee.org/document/9535484

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Power quality evaluation of photovoltaic grid interfaced cascaded H-bridge nine-level multilevel inverter systems using D-STATCOM and UPQC	Akhil Gupta	Department of Electrical Engineering , IKGPTU	Energy	2021	0360-5442	Scopus preview - Scopus - Energy	https://www.sciencedirect.com/science/article/abs/pii/S0360544221019551
Power quality and transient analysis for a utility-tied interfaced distributed hybrid wind-hydro controls renewable energy generation system using generic and multiband power system stabilizers	Kamal Kant Sharma, Akhil Gupta, Gagandeep Kaur, Raman Kumar, Jaspurpreet Singh Chohan, Shubham Sharma, Jujhar Singh, Nima Khalilpoor, and Alibek Issakhov	Department of Electrical Engineering , IKGPTU	Energy Reports	2021	2352-4847	Scopus preview - Scopus - Energy Reports	https://www.sciencedirect.com/science/article/pii/S2352484721006338
Management of Cattle Dung and Coupled field magnetostatic analysis for free buckling in double layer helical winding of a distribution transformer	Gagandeep Kaur, Yadwinder V Rehalia, Deepika Bhalla, and G. Walia	Department of Electrical Engineering , IKGPTU	International Journal of Performability Engineering	2022	1687-8078	Scopus preview - Scopus - International Journal of Performability Engineering	https://www.hindawi.com/journals/online.com/EN/10.23940/ijpe.22.02.p2.7991
Improvements in deviation settlement mechanism of Indian electricity grid system through demand response management	B Koul, K Singh and Yadwinder Singh Brar	Department of Electrical Engineering , IKGPTU	International journal of Emerging electric power systems	2022	1553-779X	Scopus preview - Scopus - International Journal of Emerging Electric Power Systems	https://www.degruyter.com/document/doi/10.1515/ijeeps-2021-0241/html?lang=en
Robust and comfortable day-ahead demand side management of residential, industrial and commercial consumers for demand normalization	B Koul, K Singh and Yadwinder Singh Brar	Department of Electrical Engineering , IKGPTU	Electric power components and systems	2022	1532-5016	Scopus preview - Scopus - Electric Power Components and Systems	https://www.tandfonline.com/doi/abs/10.1080/15325008.2022.2135637
Real-time multi-objective solar-thermal power dispatch using different photovoltaic materials	S. Kaur, Yadwinder Singh Brar, and JS Dhillon	Department of Electrical Engineering , IKGPTU	Renewable energy focus	2022	1755-0084	Scopus preview - Scopus - Renewable Energy Focus	https://www.sciencedirect.com/science/article/abs/pii/S1755008422000709
Multi-objective real-time integrated solar-wind-thermal power dispatch by using meta-heuristic technique	S. Kaur, Yadwinder Singh Brar, and JS Dhillon	Department of Electrical Engineering , IKGPTU	AIMS Energy	2022	2333-8326	Scopus preview - Scopus - AIMS Energy	https://www.aimspress.com/article/doi/10.3934/energy.2022043
Electronics and Communication Engineering							
Impact of Scintillation Effect on Clear Weather and Fog Conditions using MDM-WDM Modulation Technique	Anuranjana1*, Sanmukh Kaur2, Rakesh Goyal3	ECE	Journal of Physics: Conference Series	2023	1742-6588	https://iopscience.iop.org/article/10.1088/1742-6596/2426/1/012062/pdf	
Improved metaheuristic based cluster scheduling for unmanned aerial vehicles	Palvinder Singh Mann, Shailesh D. Panchal, Satvir Singh	ECE	Wireless personal Communication	2023	0929-6212	https://doi.org/10.21203/rs.3.rs-2559759/v1	
Food Science & Technology							
Adverse effects of proton pump inhibitors (PPIs) on the renal system using data mining algorithms (DMAs)	Jain Devanshi; Sharma Gazal; KumarAnoop	Department of Food Science and Technology	<i>EXPERT OPINION ON DRUG SAFETY</i>	2023	1474-0338	https://mjl.clarivate.com/search-results?issn=1474-0338&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/abs/10.1080/14740338.2023.2189698
Artificial Intelligence (AI) Based Smart Agriculture ForSustainable Development	Gurwinder Kaur, Barinderjit Singh*, Sanjeev Bansal, Anil Kumar Angrish	Department of Food Science and Technology	The Management Accountants	2022	9723528	https://icmai-mj.in/index.php/maj/article/view/170134	https://icmai-mj.in/index.php/maj/article/view/170134

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Jot And Machine Learning Based Effective Plant Disease Classification And Detection For Agricultural Applications	Kusuma Praveen Kumar*, Barinderjit Singh*, Malini K V, Arti Ranjan, Shailejkumar D Bonde, Sandeep Rout, Firos A	Department of Food Science and Technology	IJFANS International Journal of Food and Nutritional Sciences	2022	2320 7876	https://www.ijfans.org/uploads/paper/a5a8f18227b5f06ea724cbad11605e7f.pdf	https://www.ijfans.org/uploads/paper/a5a8f18227b5f06ea724cbad11605e7f.pdf
A CROSS-SECTIONAL OBSERVATIONAL STUDY TO ANALYSE PRESCRIPTION PATTERN OF PROTON PUMP INHIBITORS IN A TERTIARY CARE TEACHING HOSPITAL	Mehtab Singh , Shabir Sidhu	Department of Food Science and Technology	International Journal of Pharmaceutical Sciences and Drug Research	2022	0975-248X	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002202&flag=Search	http://ijpsdr.com/index.php/ijpsdr/article/view/4958
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Up in the air! Airline passenger's brand experience and its impact on brand satisfaction mediated by brand love	Harmeen Soch & Harleen Pabla	Management & Hospitality	Journal of Air Transport Management	2023	1873-2089	https://mjl.clarivate.com/search-results?issn=0969-6997&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S0969699722001648
Far More Than Just Flying! Role of Airline Brand Experience in Shaping Brand Satisfaction and Brand Loyalty	Harmeen Soch & Harleen Pabla	Management & Hospitality	International Journal of Internet Marketing and Advertising	2023	1741-8100	https://mjl.clarivate.com/search-results?issn=1477-5212&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.researchhub.com/paper/4615124/far-more-than-just-flying-role-of-airline-brand-experience-in-shaping-brand-satisfaction-and-brand-loyalty
Sentimental Herding in Stock Market: Evidence from India	Naina and Kapil Gupta	Management & Hospitality	Vision: The Journal of Business Perspectives	2022	ISSN: 0972-2629; Online ISSN: 2249-5304	https://mjl.clarivate.com/search-results?issn=0972-2629&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.sagepub.com/doi/abs/10.1177/09722629221133239
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Direct and Mediating Effects of Work Engagement on Organizational Commitment – A Conceptual Framework	Pooja Mehta and Deepali Soni	Management & Hospitality	International Journal of Business Excellence	2023	1756-0055	https://www.scopus.com/sourceid/17700155302	https://www.inderscienceonline.com/doi/abs/10.1504/IJBEX.2023.130784
Forecasting annual natural gas consumption in USA: Application of machine learning techniques- ANN and SVM	Singh, Sanjeet, Bansal, Pooja, Hosen, Mosharrof and Bansal Sanjeev K.(2023)	Management & Hospitality	Resources Policy, Volume 80, 2023,103159	2023	0301-4207	https://www.sciencedirect.com/science/article/pii/S030142072200602X	https://www.sciencedirect.com/science/article/abs/pii/S030142072200602X

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Employee engagement & its impacts on the automobile industry, particularly in Punjab, India	Dr.Rajpreet Kaur & Bindu	Management & Hospitality	Madhya Bharti	2023	0974-0066	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101002971&flag=Search	
Longitudinal effects of high-performance work practices on job performance Via person-job fit.	Dr.Rajpreet Kaur & Harleen Kaur	Management & Hospitality	The Bottom Line	2023	0888-045X	https://www.emerald.com/insight/content/doi/10.1108/BL-02-2022-0030/full/html	https://www.emerald.com/insight/content/doi/10.1108/BL-02-2022-0030/full/html#:~:text=This%20study%20results%20substantiated%20HPWPs,as%20being%20a%20good%20fit.
Journalism and Mass Communication							
COMMUNICATION PATTERNS AND TECHNOLOGIES FOR THE PRISONERS IN JAILS IN INDIA	Dr. Ekta Mahajan	Journalism & mass Communication	Junekhyat	Aug. 2022	22784632	http://junikhyatjournal.in/	https://www.researchgate.net/publication/362468658_COMMUNICATION_PATTERNS_AND_TECHNOLOGIES_FOR_THE_PRISONERS_IN_JAILS_IN_INDIA
HLCS							
Dr Harchand Singh Bedi Di Itihas Drishti	Sarabjit Singh	Department of Humanities Languages & Cultural Studies, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Shabad	2022	2278-5167	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101025345&flag=Search	
Vidha Shastar Te Rajnish Bahadar Da Vidha Chintan	Sarabjit Singh	Department of Humanities Languages & Cultural Studies, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Pravachan	2022	2231-6930	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101025345&flag=Search	
Path, Sahit Path Te Pathatamakta	Sarabjit Singh	Department of Humanities Languages & Cultural Studies, I.K Gujral Punjab Technical University, Main Campus, Kapurthala	Sanvad	2022	2395-1273	https://ugccare.unipune.ac.in/Apps1/User/WebA/ViewDetails?JournalId=101025345&flag=Search	

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Hoshiarpur Campus							
Progressive use of nanocomposite hydrogels materials for regeneration of damaged cartilage and their tribological mechanical properties	Prem Sagar, Gitesh Kumar, Amit Handa	Mech. Engg.	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems	2023	23977922	https://mjl.clarivate.com/search-results?issn=0957-6509&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://journals.sagepub.com/doi/abs/10.1177/23977914231151487
Application of Taguchi design in optimization of performance and emissions characteristics of n-butanol/diesel/biogas under dual fuel mode	Deepam Goyal, Tarun Goyal, Sunil Kumar Mahla, Geetesh Goga, Amit Dhir, Dhinesh Balasubramanian, Anh Tuan Hoang, Makatar Wae-Hayee, JS Femilda Josephin, Ankit Sonthalia, Edwin Geo Varuvel, Kathirvel Brindhadevi	Mech. Engg.	Fuel, science direct	2023	0016-2361	https://mjl.clarivate.com/search-results?issn=0016-2361&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S0016236122040704
Correlation between the Mechanical and Tribological Properties of Rutile Reinforced LM27 Alloy Composite	Pardeep Kumar Nagpal, Suresh Kumar, Jagmohan Datt Sharma, Sunil Kumar Mahla, Sachin Salunkhe, Hussein Mohamed Abdelmoneam Hussein	Mech. Engg.	Lubricants	2023	2075-4442	https://mjl.clarivate.com/search-results?issn=2075-4442&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.mdpi.com/2075-4442/10/10/251
Performance and exhaust emissions analysis of a diesel engine running on diesel/diethyl ether/biogas as a green fuel	Sunil Kumar Mahla, Seyed Mohammad Safieddin Ardebili, Masoud Rabeti, Geetesh Goga, Amit Dhir, Himanshu Sharma	Mech. Engg.	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2022	1556-7230	https://mjl.clarivate.com/search-results?issn=1556-7036&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2133194
An Efficient Model for Facial Expression Recognition with Music Recommendation	Brijesh Bakariya, Krishna Kumar Mohbey, Arshdeep Singh, Harmanpreet Singh, Pankaj Raju, Rohit Rajpoot	Computer Science	National Academy Science Letters	2023	2250-1754	https://mjl.clarivate.com/search-results?issn=0250-541X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s40009-023-01346-4
Facial emotion recognition and music recommendation system using CNN-based deep learning techniques	Brijesh Bakariya, Arshdeep Singh, Harmanpreet Singh, Pankaj Raju, Rohit Rajpoot, Krishna Kumar Mohbey	Computer Science	Evolving Systems	2023	1868-6486	https://mjl.clarivate.com/search-results?issn=1868-6478&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s12530-023-09506-z#:~:text=The%20proposed%20model's%20accuracy%20is,recognition%20plays%20an%20important%20role,
Implementation of Logistic Regression on Diabetic Dataset using Train-Test-Split, K-Fold and Stratified K-Fold Approach	Meenu Bhagat, Brijesh Bakariya	Computer Science	National Academy Science Letters	2023	2250-1754	https://mjl.clarivate.com/search-results?issn=0250-541X&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s40009-022-01131-9

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Human activity recognition using deep transfer learning of cross position sensor based on vertical distribution of data	Neeraj Varshney, Brijesh Bakariya, Alok Kumar Singh Kushwaha	Computer Science	Multimedia Tools and Applications	2022	1573-7721	https://mjl.clarivate.com/search-results?issn=1380-7501&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s11042-021-11313-4
Water Quality Prediction of the Yamuna River in India Using Hybrid Neuro-Fuzzy Models	Ozgur Kisi, Kulwinder Singh Parmar, Amin Mahdavi-Meymand, Rana Muhammad Adnan, Shamsuddin Shahid and Mohammad Zounemat-Kermani	Mathematics	Water	2023	2073-4441	https://mjl.clarivate.com/search-results?issn=2073-4441&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.mdpi.com/2073-4441/15/6/1095
Development of a mathematical model to forecast black carbon concentration using ARIMA and soft computing	Jatinder Kaur, Sarbjit Singh, Kulwinder Singh Parmar & Kirti Soni	Mathematics	Arabian Journal of Geosciences	2023	1866-7538	https://mjl.clarivate.com/search-results?issn=0944-1344&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s12517-023-11321-4
Autoregressive models in environmental forecasting time series: a theoretical and application review	Jatinder Kaur, Sarbjit Singh, Kulwinder Singh Parmar	Mathematics	Environmental Science and Pollution Research	2023	1614-7499	https://mjl.clarivate.com/search-results?issn=0944-1344&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s11356-023-25148-9
The viability of extended marine predators algorithm-based artificial neural networks for streamflow prediction	Rana Muhammad Adnan Ikram, Ahmed A. Ewees, Kulwinder Singh Parmar, Zaher Mundher Yaseen, Shamsuddin Shahid, Ozgur Kisi	Mathematics	Applied Soft Computing	2023	1872-9681	https://mjl.clarivate.com/search-results?issn=1568-4946&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://www.sciencedirect.com/science/article/abs/pii/S1568494622007888
Wave Propagation in Generalized Thermoelastic Medium with Impedance Boundary Condition	S.Kaushar, Kulwinder Singh Parmar, Priya	Mathematics	Iranian Journal of Mathematical Sciences and Informatics	2022	2008-9473	https://mjl.clarivate.com/search-results?issn=1735-4463&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://ijmsi.ir/article-1-1385-en.pdf
Comparison of hybrid machine learning model for the analysis of black carbon in air around the major coal mines of India	Sachin Kaushal Sidhu Jitendra Singh Makkhan, Sarbjit Singh, Kulwinder Parmar, Kirti Soni	Mathematics	Neural Computing and Applications	2022	1433-3058	https://mjl.clarivate.com/search-results?issn=0941-0643&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-this-journal	https://link.springer.com/article/10.1007/s00521-022-07909-8
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Structural design and its analysis of two station notching tool for industrial die	Subhash N. Waghmare, Sagar D. Shelare, Shashi Bahl, Nischal Mungle, Ashok Kumar Bagha, Rakesh Chandmal Sharma	Department of Mechanical Engineering, IKGPTU Amritsar Campus	Materials Today: Proceedings	2022	2214-7853	https://www.scopus.com/sourceid/21100370037	https://www.sciencedirect.com/science/article/abs/pii/S2214785322043747
Determination of the material model parameters for high pressure densification induced glass inferred through analytical comparison and its ballistic performance as used in composite laminates	Nitin Thakur, Rabinder Singh Bhari, Pramod Kumar, Prince Sharma, Sumit Sharma, Shashi Bahl	Department of Mechanical Engineering, IKGPTU Amritsar Campus	Physica Scripta	2022	1402-4896	https://mjl.clarivate.com/search-results?issn=0031-8949,0587-4246,0587-4254,1000-3290,0901-7593,0378-4371,0921-4526,0921-4534,0167-2789,1386-9477&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	https://iopscience.iop.org/article/10.1088/1402-4896/acaaf6
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Finite element model updating of microwave welded lap joint with direct updating algorithm	Ashok Kumar Bagha, Shivashrit Tiwari, Shivani Kumari, Rahul Samyal, Raman Bedi, Nitin Sharma, Shashi Bahl	Department of Mechanical Engineering, IKGPTU Amritsar Campus	Physica Scripta	2022	1402-4896	https://mjl.clarivate.com/search-results?issn=0031-8949,0587-4246,0587-4254,1000-3290,0901-7593,0378-4371,0921-4526,0921-4534,0167-2789,1386-9477&hide_exact_match_fl=true&utm_source=mjl&utm_medium=share-by-link&utm_campaign=search-results-share-these-results	https://iopscience.iop.org/article/10.1088/1402-4896/ac7efd
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Strategic Optimization of Post Weld Heat Treatment for Dissimilar TIG Weldment of P22 and P91 Steels	Bikram Jit Singh, Azad Duppala, Parmod Kumar, Shashi Bahl	Department of Mechanical Engineering, IKGPTU Amritsar Campus	International Journal of Vehicle Structures & Systems	2023	0975-3060	https://www.scopus.com/sourceid/21100197978	https://yanthrika.com/eja/index.php/ijvss/article/view/2440

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Groundwater Potential Zone Mapping in the Ghaggar River Basin, North-West India, Using Integrated Remote Sensing and GIS Techniques	Upadhyay, Ritambhara K., Gaurav Tripathi, Bojan Đurin, Sanja Šamanović, Naval Kishore, Mukta Sharma et.al	IKGPTU Mohali Campus-II	Water 15, no. 5: 961	2023	ISSN: 2073-4441	https://www.scopus.com/sourceid/21100255400	https://www.mdpi.com/2073-4441/15/5/961
Tethering cellulose fibers with disulphide linkages for rapid and efficient adsorption of mercury ions and dye from wastewater: Adsorption mechanism and process optimization using RSM	Manpreet Kaur(a) , Vijay Kumar a , Kavita Sharma a , Sumant Saini b , Mukta Sharma c , Christian Paulik d , Hideaki Yoshitake e , Gaurav Rattan f , Anupama Kaushik a,f,*	IKGPTU Mohali Campus-II	Separation and Purification Technology	2023	ISSN 1383-5866	https://www.scopus.com/sourceid/14292	https://www.sciencedirect.com/science/article/abs/pii/S1383586623011838
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