

## Publications with high Impact Factor

Sr. No.	Institute Name	Department Name	Research Articles Titles	Authors	Link	Impact factor	Name of the Journal	Year of Publication
1	CEC	CSE	Exploring the trend of recognizing apple leaf disease detection through machine learning: a comprehensive analysis using bibliometric techniques	Anupam Bonkra	<a href="https://doi.org/10.1007/s10462-023-10628-8">https://doi.org/10.1007/s10462-023-10628-8</a>	SCI, IF 12	Artificial Intelligence Review	2024
2	CEC	ME	Static and dynamic mechanical behavior of intra-hybrid jute/sisal-reinforced polypropylene composites: Effect of stacking sequence	Dr. Saurabh Chaitanya	<a href="https://doi.org/10.1002/pc.28247">https://doi.org/10.1002/pc.28247</a>	SCI, IF 5.2	Polymer Composites	2024
3	CEC	ME	Effect of processing conditions and electrode materials on the surface roughness of EDM-processed hybrid metal matrix composites	Hardeep Singh, Santosh Kumar	<a href="https://doi.org/10.1016/j.ijlmm.2023.12.001">https://doi.org/10.1016/j.ijlmm.2023.12.001</a>	Scopus, IF 6.28	International Journal of Lightweight Materials and Manufacture	2024
4	CEC	CSE	Multi-modal topic modeling from social media data using deep transfer learning	Seema Rani	<a href="https://doi.org/10.1016/j.asoc.2024.111706">https://doi.org/10.1016/j.asoc.2024.111706</a>	SCI, IF 7.2	Applied Soft Computing	2024
5	CCT	Biotech	Combatting synthetic dye toxicity through exploring the potential of lignin peroxidase from Pseudomonas fluorescens LiP RL5	Ranju Kumari Rathour	<a href="https://doi.org/10.21203/rs.3.rs-3958055/v1">https://doi.org/10.21203/rs.3.rs-3958055/v1</a>	Scopus, IF 5.8	Environmental Science and Pollution Research	2024
6	CCP	Pharmacy	Repurposing of niclosamide, an anthelmintic, by targeting ERK/MAPK signaling pathway in the experimental paradigm of autism spectrum disorders	Rupinder Kaur Sodhi	<a href="https://doi.org/10.1016/j.ejphar.2024.176902">https://doi.org/10.1016/j.ejphar.2024.176902</a>	SCI, IF 4.2	European Journal of Pharmacology	2024

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7	CCP	Pharmacy	Allyl isothiocyanate, a TRPA1 agonist, protects against olanzapine-induced hypothalamic and hepatic metabolic aberrations in female mice	Rupinder Kaur Sodhi	<a href="https://doi.org/10.1016/j.bcp.2024.116074">https://doi.org/10.1016/j.bcp.2024.116074</a>	SCI 5.3	Biochemical Pharmacology	2024
8	CCP	Pharmacy	Bergenin ameliorates cognitive deficits and neuropathological alterations in sodium azide-induced experimental dementia.	Dr. Rupinder Sodhi	<a href="https://doi.org/10.3389/fphar.2022.994018">https://doi.org/10.3389/fphar.2022.994018</a>	SCI, IF 5.6	Frontiers in pharmacology	2023
9	CCP	Biotech	Prevalence and implications of microplastics in potable water system: An update	Vikas Menon	<a href="https://doi.org/10.1016/j.chemosphere.2023.137848">https://doi.org/10.1016/j.chemosphere.2023.137848</a>	SCI, IF 7.086	Chemosphere	2023
10	CCT	Biotech	Therapeutic potential and industrial applications of Terminalia arjuna bark	Dr Nitin Sharma	<a href="https://doi.org/10.1016/j.jep.2023.116352">10.1016/j.jep.2023.116352</a>	SCI, IF 5.4	Journal of Ethnopharmacology.	2023
11	CCT	Biotech	Advancing Vaccine Strategies against Candida Infections: Exploring New Frontiers, Vaccines	Dr Gurpreet Kaur	<a href="https://doi.org/10.3390/vaccines11111658">https://doi.org/10.3390/vaccines11111658</a>	SCI (IF 7.8)	Vaccine MDPI	2023
12	CCT	Biotech	Revolutionizing medicine with toll-like receptors: A path to strengthening cellular immunity,	Dr Gurpreet Kaur	<a href="https://doi.org/10.1016/j.ijbiomac.2023.127252">https://doi.org/10.1016/j.ijbiomac.2023.127252</a>	SCI (IF 8.2)	International Journal of Biological Macromolecules	2023
13	CEC	ME	A novel design for solar collector used for water heating application having nanofluid as working medium: CFD modeling and simulation	Rajneesh Kumar, Rajesh Sharma, Periapattana Nagaraj Hrisheeksha	<a href="https://pubmed.ncbi.nlm.nih.gov/35962163/">https://pubmed.ncbi.nlm.nih.gov/35962163/</a>	SCI, IF 5.8	Environmental Science and Pollution Research	2022
14	CEC	IT	TRAM: Technique for resource allocation and management in fog computing environment	Heena Wadhwa	<a href="https://link.springer.com/article/10.1007/s11227-021-03885-3">https://link.springer.com/article/10.1007/s11227-021-03885-3</a>	SCI, IF 3.3	The Journal of Supercomputing	2022
15	CCP	Pharmacy	Therapeutic potential of quercetin in diabetic foot ulcer: Mechanistic insight, Challenges, Nanotechnology driven strategies and Future prospects.	Dr. Rupinder Sodhi	<a href="https://doi.org/10.1016/j.jddst.2022.103575">https://doi.org/10.1016/j.jddst.2022.103575</a>	SCI, IF 5	Journal of Drug Delivery Science and Technology.	2022

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16	CCP	Pharmacy	Decoding the silent walk of COVID-19: Halting its spread using old bullets	Rupinder Kaur Sodhi	<a href="https://pubmed.ncbi.nlm.nih.gov/33227700/">https://pubmed.ncbi.nlm.nih.gov/33227700/</a>	SCI, IF 7.5	Biomedicine & Pharmacotherapy	2022
17	CCT	Biotech	Evaluation of the Antifungal, Antioxidant, and Anti-Diabetic Potential of the Essential Oil of Curcuma longa Leaves from the North-Western Himalayas by In vitro and In silico Analysis.	Dr Nitin Sharma	<a href="https://doi.org/10.3390/molecules27227664">https://doi.org/10.3390/molecules27227664</a>	SCI, IF 4.9	Molecules.	2022
18	CCT	Biotech	Traditional uses, bioactive composition, pharmacology, and toxicology of Phyllanthus emblica fruits: A comprehensive review	Dr Nitin Sharma	<a href="https://doi.org/10.1016/j.jep.2021.114570">https://doi.org/10.1016/j.jep.2021.114570</a>	SCI, IF 5.4	Journal of ethnopharmacology	2022
19	CEC	ME	A comprehensive parametric investigation of hemispherical cavities on thermal performance and flow-dynamics in the triangular-duct solar-assisted air-heater	Dr. Rajneesh Kumar	<a href="https://doi.org/10.1016/j.renene.2021.04.006">https://doi.org/10.1016/j.renene.2021.04.006</a>	SCI, IF 8.7	Renewable Energy	2021
20	CEC	ME	A comprehensive study on the progressive development and applications of solar air heaters	Dr. Rajneesh Kumar	<a href="https://doi.org/10.1016/j.solener.2021.07.040">https://doi.org/10.1016/j.solener.2021.07.040</a>	SCI, IF 6.7	Solar Energy	2021
21	CEC	ME	Solar air heater having multiple V-ribs with Multiple-Symmetric gaps as roughness elements on Absorber-Plate: A parametric study	Dr. Rajneesh Kumar	<a href="https://doi.org/10.1016/j.seta.2021.101559">https://doi.org/10.1016/j.seta.2021.101559</a>	SCI, IF 8	Sustainable Energy Technologies and Assessments	2021
22	CEC	ME	Unconventional solar air heater with triangular flow-passage: A CFD based comparative performance assessment of different cross-sectional rib-roughnesses	Dr. Rajneesh Kumar	<a href="https://doi.org/10.1016/j.renene.2021.03.068">https://doi.org/10.1016/j.renene.2021.03.068</a>	SCI, IF 8.7	Renewable Energy	2021
23	CCT	Biotech	In vitro and in silico antioxidant and anti-inflammatory potential of essential oil of Cymbopogon citratus (DC.) Stapf. of	Dr Nitin Sharma	<a href="https://doi.org/10.1080/07391102.2021.2001371">https://doi.org/10.1080/07391102.2021.2001371</a>	SCI, IF 3.8	Journal of Biomolecular Structure and Dynamics.	2021

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North-Western Himalaya								
24	CCT	Biotech	Comparative analysis of phytochemicals, antimicrobial and antioxidant activity of different species of Terminalia from Himachal Pradesh, India.	Dr Nitin Sharma	<a href="http://dx.doi.org/10.1007/s42535-021-00232-y">http://dx.doi.org/10.1007/s42535-021-00232-y</a>	SCI, IF 5.68	Vegetos	2021
25	CCT	Biotech	Phytochemical analysis, antimicrobial and antioxidant activity of methanolic extract of Cuscutareflexa stem and its fractions.	Dr Nitin Sharma	<a href="https://doi.org/10.1007/s42535-021-00249-3">https://doi.org/10.1007/s42535-021-00249-3</a>	SCI, IF 5.68	Vegetos	2021
26	CCT	Biotech	Probiotics and Prebiotics Having Broad Spectrum Anticancer Therapeutic Potential: Recent Trends and Future Perspectives.	Dr Nitin Sharma	<a href="http://dx.doi.org/10.1007/s40495-021-00252-x">http://dx.doi.org/10.1007/s40495-021-00252-x</a>	SCI, IF 4.4	Current Pharmacology Reports	2021