

11. Publications details

S. No.	Name of the Corresponding author	Type of Research Publication (Research Article/ Review article)	Citation of the Research Publication (Research Article) [Vancouver style]	Discipline	Date of publication (Month & Year)	Indexing agency i.e. Scopus, Pubmed, UGC care, Web of Science etc.	DOI, ISSN	Name of Institute /Centre
1	V. K. Juyal	Research Article	Juyal VK, Thakuri SC, Panwar M, Rashmi , Prakash O, Perveen K, Bukhari NA and Nand V (2024) Manganese(II) and Zinc(II) metal complexes of novel bidentate formamide-based Schiff base ligand: synthesis, structural characterization, antioxidant, antibacterial, and in-silico molecular docking study. Front. Chem. 12:1414646. doi: 10.3389/fchem.2024.1414646	Fundamental Research	19/07/2024	PubMed Central (PMC), Scopus, Web of Science Citation Index Expanded (SCIE)	10.3389/fchem.2024.1414646	RARI, Gwalior
2	Krishna Kumar	Research Article	Prasad T.; Pande, P. P.; Kumar, K; Rai, S.; Chaudhary, A.; Tiwari, R.; Tungala, K. K.; Singh V. K. Fabrication of Low-Cost Thermoresponsive Microgel@CuO Catalyst for Rapid Reduction of Methylene Blue Dye, Journal of Polymer Research, 2024, 31, 183 (DOI: 10.1007/s10965-024-04022-3)	Fundamental Research	14/06/2024	SCOPUS Science Citation Index Expanded (SCIE) UGC-CARE	10.1007/s10965-024-04022-3	RARI, Gwalior
3	S. Krishnamoorthi	Research Article	<i>Tiwari, R.; Parwati, Km; Verma, D. K.; Kumar, D.; Yadav, S.; Rai, R.; Kumar, D.; Adhikary, P.; Krishnamoorthi, S. Ionic liquid supported Chitosan-g-SPA as a biopolymer-based single ion conducting</i>	Fundamental Research	26/09/2024	Scopus, medline, Science Citation	10.1016/j.ijbiomac.2024.135872	RARI, Gwalior

			<i>solid polymer electrolyte for energy storage devices. International Journal of Biological Macromolecules. 2024, 135872 (DOI: 10.1016/j.ijbiomac.2024.135872)</i>			Index Expanded (SCIE)		
4	S. Krishnamoorthi	Research Article	<i>Rai, R.; Tiwari, R.; Verma, D. K.; Kumar, D.; Yadav, S.; Parwati, Km; Krishnamoorthi, S. Ionic Liquid-Supported Single Sodium-Ion Conducting Styrene-Maleic Anhydride Copolymer for Energy Storage Devices, Energy Technology, 2024, 2400801 (DOI: 10.1002/ente.202400801)</i>	Fundamental Research	8-May	Scopus, Web of Science	10.1002/ente.202400801	RARI, Gwalior
5	Krishna Kumar	Research Article	Rai, S.; Pande, P. P.; Chaudhary, A.; Prasad, T.; Tiwari, R.; Parwati, Km.; Krishnamoorthi, S.; Das, A.; Kumar, K. Ameliorating Enzyme Functionality with Temperature and pH Responsive Polymer Interface. Journal of Polymer Research, 2025, 32, 1 (DOI:10.1007/s10965-024-04227-6).	Fundamental Research	17/12/2024	SCOPUS Science Citation Index Expanded (SCIE) UGC-CARE	10.1007/s10965-024-04227-6	RARI, Gwalior
	Krishna Kumar	Research Article	Rai, S.; Pande, P. P.; Chaudhary, A.; Prasad, T.; Tiwari, R.; Parwati, Km.; Krishnamoorthi, S.; Dutta, A.; Kumar, K. Emergence of ADM-mediated Bioconjugate to Enhance Longevity and Catalytic Efficiency of Urease. International Journal of Biological Macromolecules, 2025, 296, 139629 (DOI: 10.1016/j.ijbiomac.2025.139629)	Fundamental Research	October 2024	Scopus, medline, Science Citation Index Expanded (SCIE)	10.1016/j.ijbiomac.2025.139629	RARI, Gwalior
7	S. Krishnamoorthi	Research Article	Rudramani Tiwari, Jarupula Suman, Dipendra Kumar Verma, Devendra Kumar, Shashikant Yadav, Km Parwati, Rajshree Rai, Shailja Rai, Krishna Kumar, S. Krishnamoorthi, Amitava Rakshit, High-performance nitrogen-polymer fertilizer: Synthesis, characterization, and application in sustainable agriculture, Chemical Engineering Journal, Volume 509, 2025, 161215, (doi: 10.1016/j.cej.2025.161215)	Fundamental Research	3-Mar	SCOPUS Science Citation Index Expanded (SCIE)	10.1016/j.cej.2025.161215	RARI, Gwalior

8	A. K. Meena	Research Article	Meena, A. K.; Tiwari, R.; Gnanabhaskar, D.; Ojha, K. K.; Mehta A.; Kamra, J.; Dixit A. K.; Singh, A. In Silico Rho Kinase Inhibition and FP-Agonist Potential Study of Rotenoids Present in Boerhavia diffusa Root for Curing Uveitic Glaucoma. Chemistry Select, 2025, 10, 12, e202404950 (DOI: 10.1002/slct.202404950)	Fundamental Research	19/03/2025	Scopus, web of science	10.1002/slct.202404950	RARI, Gwalior
9	S. Krishnamoorthi	Review Article	Yadav, S.; Verma, D. K.; Tiwari, R.; Kumar, D.; Parwati, Km; Rai, R.; Adhikary, P.; Krishnamoorthi, S. Alginate-based semiconducting electrolyte material for energy storage applications. Energy Technology, 2025, 13, 3, 2401912 (DOI:10.1002/ente.202401912)	Fundamental Research	17/03/2025	Scopus, web of science, Science Citation Index Expanded (SCIE)	10.1002/ente.202401912	RARI, Gwalior
10	Dr. S.B.Singh	Review Article	Singh SB, Mansoria P, Sisodia BS, Kumar V, Kumar A. A comprehensive review of the altmetrics of top 50 scholarly publications on Ayurveda Rasayana. Journal of Drug Research in Ayurvedic Sciences. 2024 Dec 1;9(Suppl 2):S167-74.	Fundamental Research	December 2024	UGC care	DOI: 10.4103/jdras.jdras_204_24	RARI, Gwalior
11	Dr. S.B.Singh	Review Article	Singh SB, Sisodia BS, Mansoria P, Ahmad A, Rai AK. Bibliometric analysis of the research publications on AYUSH-64 for COVID-19. International Journal of Ayurveda Research. 2024 Jul 1;5(3):172-8.	Fundamental Research	07-01-2024	UGC care	10.4103/ijar.ijar_128_24	RARI, Gwalior
12	Lalita sharma	Research Article	Sharma V, Yadav B, Sharma L, Rana R, Singhal R, Tripathi A, Khanduri S, Sharma BS, Chandrasekhararao B, Srikanth N, Dhiman KS. Ayurveda formulations for prophylaxis against coronavirus disease-2019 infection-A prospective community-based study in identified containment zones of 19 districts across India. AYU (An International Quarterly Journal of Research in Ayurveda). 2024 Jan 1;45(1):1-1.	clinical Research	2024/1/1	UGC care	10.4103/ayu.ayu_223_22	RARI, Gwalior

13	Sapna Avinash Kondalkar	Research Article	Naaz, I, Kondalkar, AK, Kondalkar, SA, Physicochemical, Phytochemical, NMR, FTIR and LC-MS analysis of extract of ripe fruits of <i>Carissa carandus</i> L., <i>Current Indian Science</i> , 2024, 2 (3), 1-12	Pharmacognosy	September 2024	Bentham Science	DOI: 10.2174/012210299X320156240926044625, 2024, 2	RARI, Gwalior
14	Lingesh Allakonda	Research Article	Allakonda L, Potnuri AG, Dokuparthi SK, Danaboina GB, Subramanyam K. <i>Commelina benghalensis</i> attenuates cyclophosphamide-induced hepatotoxicity by preserving hepatic mitochondrial activity through upregulating pro-mitochondrial proteins. <i>Tradit Kampu Med.</i> 2024;11:230–41	Pharmacological research	December, 2024	Scopus	10.1002/tkm2.1432	RARI, Gwalior
15	Lingesh Allakonda	Research Article	Godwin PA, Allakonda L, Ajith K. Predicting the skin sensitizing potential of pesticides using Pred-Skin 3.0 – A web-based prediction tool. <i>Toxicol In Vitro.</i> 2025 Jan;104:106015.	Pharmacological research	January 2025	Scopus	10.1016/j.tiv.2025.106015	RARI, Gwalior
16	Pradip V. Behare	Research Article	Nataraj BH, Jeevan K, Dang AK, Nagpal R, Ali SA, Behare PV. Pre-clinical safety and toxicity assessment of <i>Limosilactobacillus fermentum</i> NCDC 400 in murine model. <i>Microb Pathog.</i> 2024 Apr;189:106589.	Pharmacological research	April 2024	Scopus	doi:10.1016/j.micpath.2024.106589	RARI, Gwalior
17	Pradip V. Behare	Research Article	Nataraj BH, Ranveer SA, Jeevan K, Nagpal R, Behare PV. Immune and microbiome modulatory effects of <i>Limosilactobacillus fermentum</i> NCDC 400 in an immunocompromised mouse model. <i>Microb Pathog.</i> 2024 Nov;196:106927.	Pharmacological research	November 2024	Scopus	doi:10.1016/j.micpath.2024.106927.	RARI, Gwalior
18	Vipin Sharma	Research Article	Sharma, Vipin1; Yadav, Babita2; Sharma, Lalita3; et al Ayurveda formulations for prophylaxis against coronavirus disease-2019 infection - A prospective community-based study in identified containment zones of 19 districts across India	Clinical Research	June 2024	UGC care	DOI: 10.4103/ayu.ayu.223.22	RARI, Nagpur