



# Research Publications (2023)

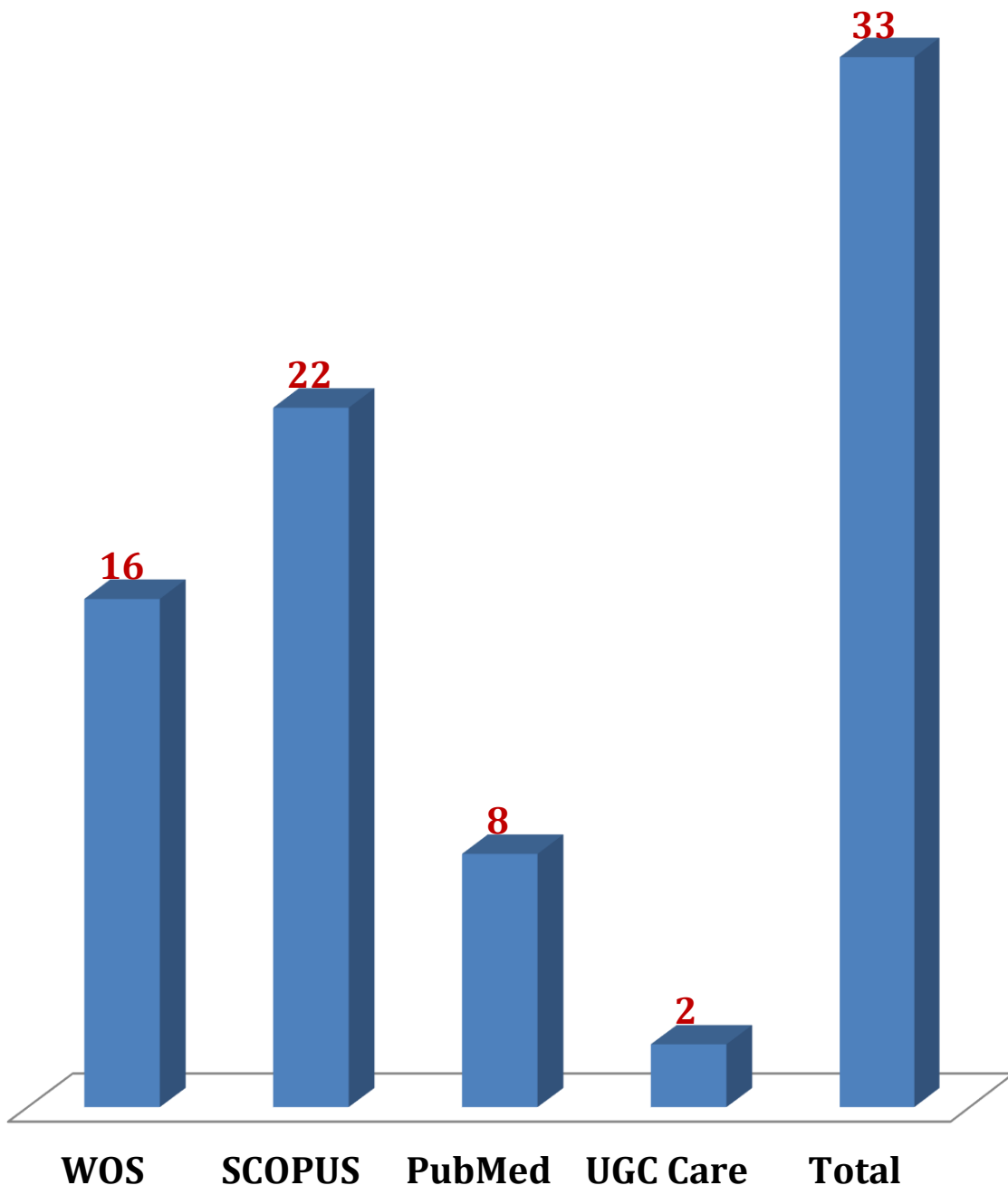
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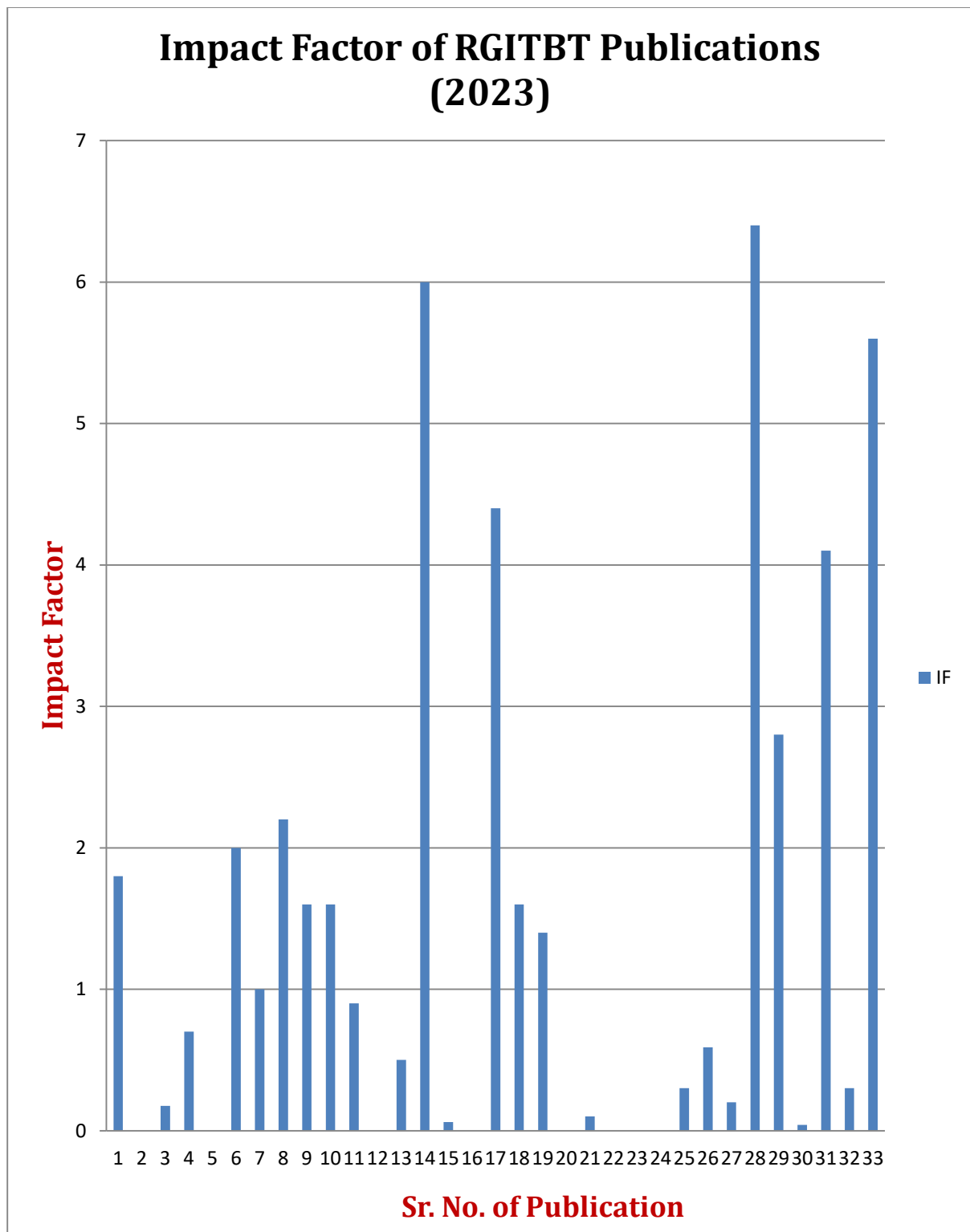
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**RAJIV GANDHI INSTITUTE OF IT AND  
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## RGITBT 2023 Publication Index





## 2023 Publications

1	Rashmi S. Tupe, Nilima Bangar; Shah, Shamim A Shaikh and Nilsh J. Homeopathic Formulations of Syzygium Jambolanum Alleviate Glycation-Mediated Structural and Functional Modifications of Albumin: Evaluation through Multi-Spectroscopic and Microscopic Approaches, Homeopathy, 2023
2	Sawant and A.S Salunkhe D.U.Lad, EA.Singh,M.B. Gaikwad,D.M. Effect of Insecticides against Whitefly Bemisia tabaci on Okra, Bioinfolet, 20, 2023, 623-625
3	Jayant R Pawar, Rohan S Phatak, Nilam M Qureshi, Athoiba E.Singh, Manish D. Shinde, Dinesh p Amalnerkar and Jaehyeok Doh. Contemporary Trends in Active and Intelligent Polymer Nanocomposite based Food Packaging Systems for Food Safety and Sustainability In Modern Aeon., Current Materials Science, 17, 2023
4	Abhijeet , E. A. Singh and M. R. Shindikar. A Comprehensive Review on Climate Change and Its Effects, 13, 2023, 924-931
5	Jayant Pawar, G.R. Pathade and E.A. Singh. Investigation of the antibacterial efficacy of Zinc Oxide Nanoparticles (ZnO NPs) based Irrigant against Enterococcus faecalis Concerning Root Canal Disinfection, Ecology Environment & Conservation journal, 29, 2023, S70-S74
6	Khot, Dhanashree D; Bhosale, Veera I; Kamyab, Seyedeh Sara; Moghe, Alpana Subodh; Patil, Amol Somaji. Matrix Metalloproteinase-8 Levels in Peri-Miniscrew Crevicular Fluid During Immediate and Delayed Orthodontic Loading--A Split-Mouth Study., International Journal of Oral & Maxillofacial Implants, 38, 2023
7	Bhola, Jinal; Gokhale, Manasi; Prajapati, Suraj; Bhadekar, Rama. Enhanced probiotic attributes of lactobacilli in honey supplemented media, Journal of Applied Biology and Biotechnology, 11, 2023, 200-207
8	Jadhav, Ravikiran; Bhadekar, Rama; Arora, Preeti; Rajwade, Ketaki; Gupte, Sanjay. First report of Kosakonia sp. CR1 causing canker disease on citrus plants in India, Journal of Plant Pathology, 105, 2023, 1737-1738
9	Mondal, Bapi; Mukherjee, Anupam; Kunchiraman, Bipinraj Nirichan; Jagtap, Suresh; Ghate, Varsha Umesh. An Agro-Homoeopathic Evaluation Of Antagonistic Activity Of Secale Cornutum Against Phytopathogenic Fungus 'Claviceps Purpurea'On Wheat Crop, Journal of

	Pharmaceutical Negative Results, 2023, 82-88
<u>10</u>	Mondal, Bapi; Mukherjee, Anupam; Kunchiraman, Bipinraj Nirichan; Jagtap, Suresh; Ghate, Varsha Umesh. An In Vitro Evaluation Of Antagonistic Activity Of Secale Cornutum Against Phytopathogenic Fungus Claviceps Purpurea, Journal of Pharmaceutical Negative Results, 2023, 96-99
<u>11</u>	Anand, Pashmin; Aswani, Mayur; Kathade, Suyash; Kunchiraman, Bipinraj Nirichan. Media optimization and partial purification of anticandida compound of probiotic culture, CURRENT APPLIED SCIENCE AND TECHNOLOGY, 2023, 10.55003/cast.2022.04.23.010 (12 pages)-10.55003/cast.2022.04.23.010 (12 pages)
<u>12</u>	Naik, Katravatu Nanaku; Shinde, Chetan H; Bipinraj. Dermatophytosis and antifungal therapies in various systems with special emphasis on homoeopathy: a narrative review, Sustainability, Agri, Food and Environmental Research, 11, 2023
<u>13</u>	Kunchiraman, Chitram Umashankar Chetan Hanamantrao Shinde and Bipinraj Nirichan. Homeopathic interventions against Salmonella typhi: A narrative review, Asia-Pacific Journal of Molecular Biology and Biotechnology, 31, 2023, 119-128
<u>14</u>	Apurva Jadhav, Suresh Jagtap, Suresh Vyavahare, Archana Sharbidre, and Bipinraj Kunchiraman. Reviewing the potential of probiotics, prebiotics and synbiotics: advancements in treatment of ulcerative colitis, Frontiers in Cellular and Infection Microbiology, 13, 2023
<u>15</u>	Vishnu Y. Kadam, Rajendra V. Salunkhe and Sanjay K. Gaikwad. Study of Reproductive Biology of A Moth Eligma Narcissus, Bulletin Monumental, 24, 2023, 44-58
<u>16</u>	Astha Parikh, Sanjay K. Gaikwad, Rajendra V. Salunkhe. Impact of Biopsy on Human Embryo Concern With Preimplantation Genetic Diagnosis (Pgd): A Review, International Journal of Humanities, Law and Social Sciences, 10, 2023, 201-210
<u>17</u>	Bhowmick, Shovonlal; Mistri, Tapan Kumar; Khan, Mohammad Rizwan; Patil, Pritee Chunarkar; Busquets, Rosa; Ashif Iqbal, Abu Md; Choudhury, Ankita; Roy, Dilip Kumar; Palit, Partha; Saha, Achintya. Investigation of bio-active Amaryllidaceae alkaloidal small molecules as putative SARS-CoV-2 main protease and host TMPRSS2 inhibitors: interpretation by in-silico simulation study, Journal of Biomolecular Structure and Dynamics, 2023, 44197

<b>18</b>	Wadgaonkar, Manasee; Tale, Vidya; Chavan, Yashwant. Cloning of laccase gene from <i>Coriopsis caperata</i> into heterologous <i>E. coli</i> host, <i>Vegetos</i> , 36, 2023, 195-200
<b>19</b>	Aditya Naman Soni, Meghna Varshney, Vidya Sunil Tale. Molecular Docking and Pharmacodynamic Study of Potential Inhibitors of <i>Streptococcus mutans</i> Biofilm, <i>Biomedical and Biotechnology Research Journal</i> , 7, 2023, 471-7
<b>20</b>	Dishant R. Chandgude , Pranjalee S. Tambat, Vidya S. Tale. A Comprehensive Review on Keto Diet on Management of Type 2 Diabetes and Obesity, <i>Journal of Chemical Health risks</i> , 13, 2023, 609-714
<b>21</b>	Kshitija Tewary , Pranjalee S. Tambat, Vidya S. Tale. Effect of PCOS and its Preventive Measures, <i>Journal of Advanced Zoology</i> , 44, 2023, 1259-1263
<b>22</b>	Sambhaji Yamgar, Vivek Chimote , Sharad Pawar, Amrut Patil And Ravikiran Jadhav. Marker assisted Rpp gene introgression for Asian rust resistance in Soybean( <i>Glycine max</i> (L.) Merrill), <i>Annals of Plant and Soil Research</i> , 25, 2023, 270-279
<b>23</b>	Archna Sahay, Mashitha Pise and Hemant Bawankar. DOCKING STUDY FOR UROLITHIASIS IN <i>SYNADENIUM GRANTII</i> , <i>INTERNATIONAL JOURNAL OF PHARMACEUTICAL SCIENCES AND RESEARCH</i> , 14, 2023, 1783-1788
<b>24</b>	Kishore, Sonal; Mittal, Khushboo; Dangi, Rakhee. Taxonomic Importance of Seed And Seedling Morphology In <i>Melilotus</i> (Fabaceae; Faboideae), <i>Journal of Economic and Taxonomic Botany</i> , 47, 2023, 43405
<b>25</b>	Mittal, Khushboo; Dangi, Rakhee; Ingle, Priyanka; Mallik, Akhtar. <i>Trigonella kargilensis</i> (Trifolieae, Fabaceae), a new species from India based on morphological and molecular evidence, <i>Annales Botanici Fennici</i> , 60, 2023, 117-125
<b>26</b>	Mittal, Khushboo; Dangi, Rakhee; Mallik, Akhta; Ingle, Priyanka; Shah, Faiz. Preliminary evaluation of the phylogenetic position of <i>Trigonella griffithii</i> (Fabaceae): a newly recorded species to the flora of India <i>Rheedea</i> 33 2023
<b>27</b>	Narendra Bhatt, Alpna Moghe, Zainab Siddiqui, Sara Kamyab, Gazala Mulla, Namrata Gaikwad, Manasi Deshpande. Quality Analysis of Traditional Unani Formulation Dawa-Ul-Kurkum Section A-Research paper <i>Eur. Chem. Bull.</i> , 12, 2023, 545-646
<b>28</b>	Ameri, Ali; Ahmed, Hani Moslem; Pecho, Renzon Daniel Cosme; Arabnozari, Hesamoddin; Sarabadani, Hoda; Esbati, Romina; Mirabdali, Seyedsaber; Yazdani, Omid.

	Diverse activity of miR-150 in Tumor development: shedding light on the potential mechanisms, Cancer Cell International, 23(1), 2023,261
<u>29</u>	Kazemi, Aida; Goodarzi, Masomeh; Daneshipour, Kosar; Sarabadani, Hoda; Shahpar, Zahra; Hajiagha, Bahareh Salmanian; Kheradjoo, Hadis; Mohammadzadehsaliani, Saman. Unrevealing the vital role of ncRNAs in Gastric Cancer chemoresistance, Pathology Research and Practice, 250, 2023, 154761
<u>30</u>	Gaonkar, Namdeo; Dangi, Rakhee. Comparative evaluation of antioxidant, antiglycation and $\alpha$ -glucosidase inhibitory potential of some indigenous medicinal Trigonella species, Vegetos, 36(4), 2023, 1337-1346
<u>31</u>	Singh, Ajay Vikram; Bansod, Girija; Mahajan, Mihir; Dietrich, Paul; Singh, Shivam Pratap; Rav, Kranti; Thissen, Andreas; Bharde, Aadya Mandar; Rothenstein, Dirk; Kulkarni, Shilpa; Bill, Joachim Digital Transformation in Toxicology: Improving Communication and Efficiency in Risk Assessment, ACS Omega, 8(24), 2023, 21377 - 21390
<u>32</u>	Jeelani, Ishtiaq; Bhosale, Mrinalini; Qadir, Tanzeela; Sharma, Praveen Kumar; Nawaz, Allah; Sharif, Aamir; Amin, Andleeb; Sheikh, Alisha; Ahmad, Saeed; Kukreja, Vinita; Kulkarni, Snehal; Padhye, Subhash. Pharmaceutical Potential of Constituents from Azadirachta indica and their Specific Role as Anti-cancer Agents, Current Bioactive Compounds, 19(3), 2023, e180822207631
<u>33</u>	Nisar, Akib; Jagtap, Suresh; Vyavahare, Suresh; Deshpande, Manasi; Harsulkar, Abhay; Ranjekar, Prabhakar; Prakash, Om. Phytochemicals in the treatment of inflammation-associated diseases: the journey from preclinical trials to clinical practice, Frontiers in Pharmacology, 14, 2023, 1177050