



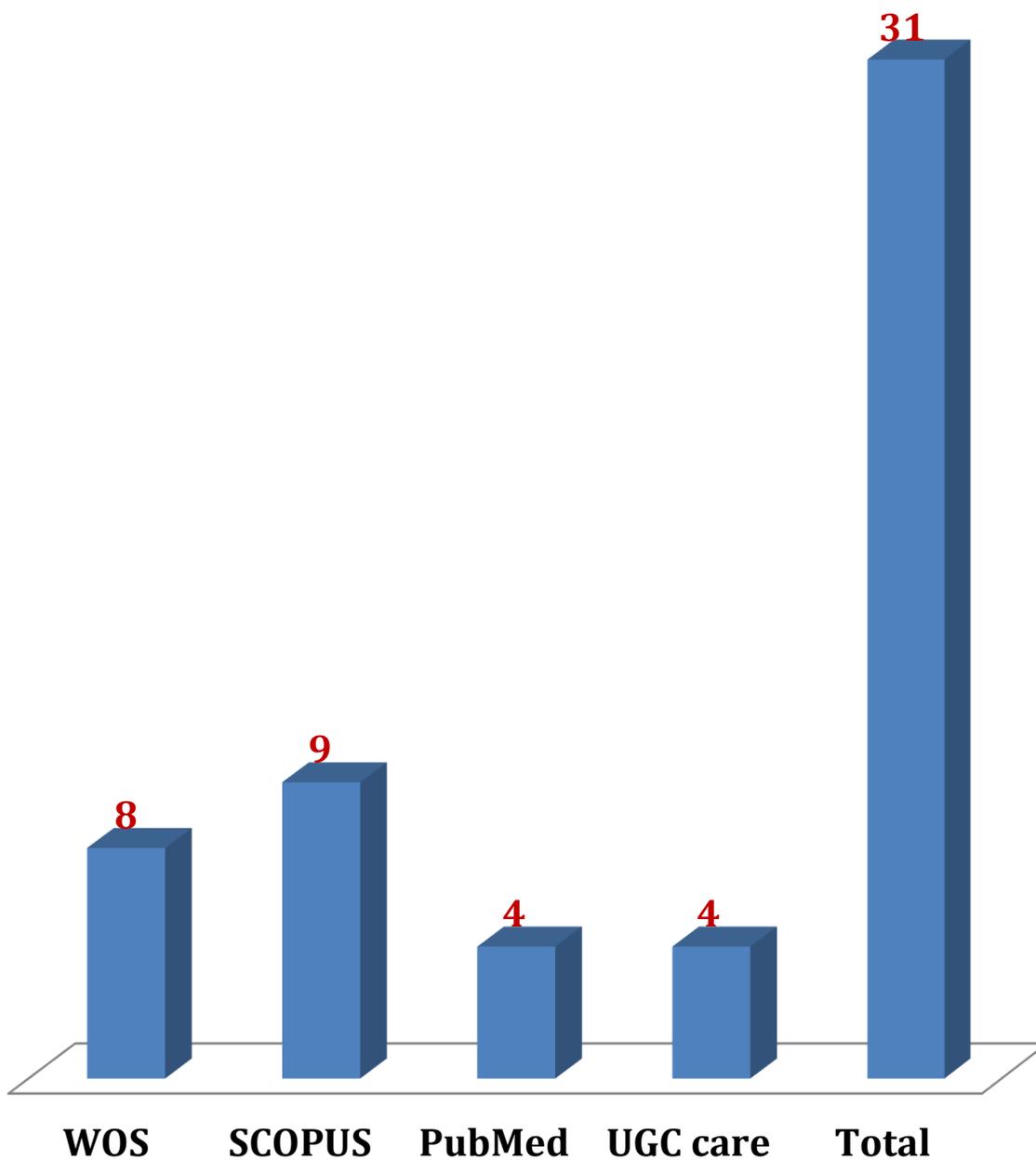
Research Publications (2021)

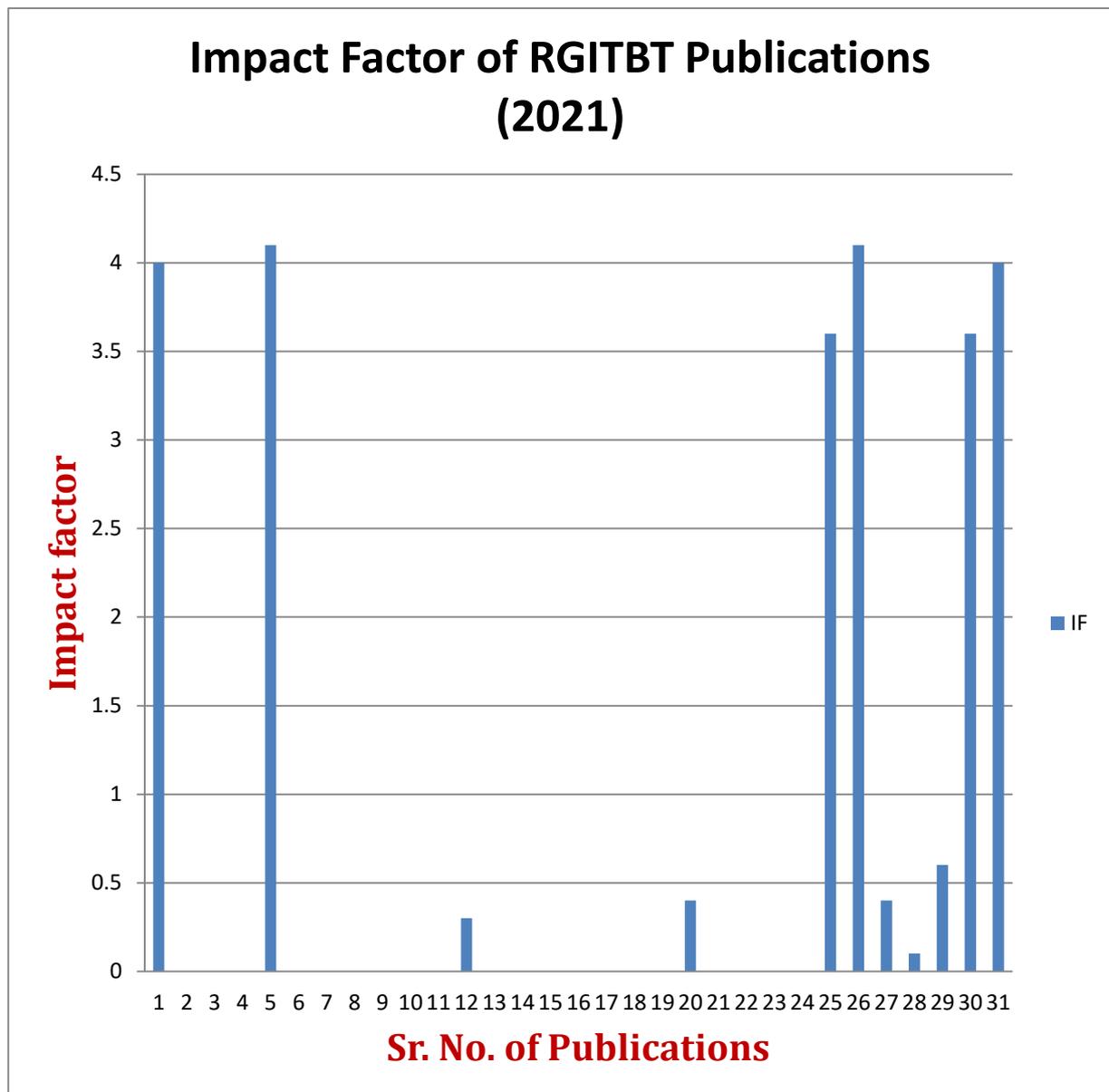
**BHARATI VIDYAPEETH DEEMED TO BE
UNIVERSITY**

**RAJIV GANDHI INSTITUTE OF IT AND
BIOTECHNOLOGY**



RGITBT 2021 Publication Index





2021 Publications

1	Tupe, Rashmi S; Bangar, Nilima; Nisar, Akib; Kulkarni, Amruta; Sankhe, Neena; Chauhan, Rohan; Mistry, Nidhi; Shaikh, Shamim. Piperine exhibits preventive and curative effect on erythrocytes membrane modifications and oxidative stress against in vitro albumin glycation, Journal of Food Biochemistry, 45, 2021, e13846
2	Jagtap S.D., Nangare N.B., Nagarkar B.E., Singh E.A. Evaluation of the acute and sub-acute toxicity of new polyherbal formulations df1911, df2112 and df2813, International Journal of Research and Analytical Reviews,8, 2021, 2349-5138
3	Patil GA, Moghe AS. In vitro culture characteristics of young and old rat mesenchymal stem cells, IJPSR, 12, 2021, 5040-50
4	Shaikh, ZA; Kamyab, SS; Deshpande, MM; Mulla, GJ; Bhatt, NS; Moghe, AS. A systematic review of Unani formulations for potential in treatment of hepatocellular carcinoma, Int J Pharm Sci & Res, 12, 2021, 5253-63
5	Harsulkar A Ingale D., Kulkarni P., Electricwala A., Moghe A., Kamyab S., Jagtap S., Martson A., Koks. Synovium-synovial fluid axis in osteoarthritis pathology; A key regulator of the cartilage degradation process Genes, 12, 989
6	Malabadi, Ravindra B; Meti, Neelambika T; Chalannavar, Raju K. Role of herbal medicine for controlling coronavirus (SARS-CoV-2) disease (COVID-19), International Journal of Research and Scientific Innovations. 2021a, 8, 2021, 135-165
7	Malabadi, Ravindra B; Meti, Neelambika T; Chalannavar, Raju K. Applications of nanotechnology in vaccine development for coronavirus (SARS-CoV-2) disease (Covid-19), International Journal of Research and Scientific Innovations, 8, 2021, 191-198
8	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Melatonin: One molecule one-medicine for many diseases, coronavirus (SARS-CoV-2) disease (Covid-19); Function in plants, International Journal of Research and Scientific Innovations, 8, 2021, 155-181

<u>9</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Vaccine development for coronavirus (SARS-CoV-2) disease (Covid-19): Lipid nanoparticles, International Journal of Research and Scientific Innovations. 2021d, 8, 2021, 189-195
<u>10</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Role of botanical essential oils as a therapy for controlling coronavirus (SARS-CoV-2) disease (Covid-19), International Journal of Research and Scientific Innovations. 2021e, 8, 2021, 105-118
<u>11</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Recent updates on role of herbal medicine for Alzheimer's disease (Dementia), Int. J. Curr. Res. Biosci. Plant Biol, 8, 2021,14-32
<u>12</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Camphor tree, Cinnamomum camphora (L.); Ethnobotany and pharmacological updates, Biomedicine, 41, 2021, 181-184
<u>13</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Outbreak of Coronavirus (SARS-CoV-2) Delta variant (B. 1.617. 2) and Delta Plus (AY. 1) with fungal infections, Mucormycosis: Herbal medicine treatment, Int. J. Res. Sci. Innov, 8, 2021, 59-70
<u>14</u>	Malabadi, Ravindra B; Kolkar, KP; Meti, NT; Chalannavar, RK. An age old botanical weapon for herbal therapy: Camphor tree, Cinnamomum camphora, Int. J. Innov. Sci. Res, 3, 2021, 1518-1523
<u>15</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Role of plant based hand sanitizers during the recent outbreak of coronavirus (SARS-CoV-2) disease (Covid-19), Significances of Bioengineering & Biosciences. 2021f, 5, 2021, 458-468
<u>16</u>	Malabadi, Ravindra B; Kolkar, Kiran P; Meti, Neelambika T; Chalannavar, Raju K. Traditional Herbal Folk Medicine Used for Controlling CORONA Virus (SARS-CoV-2) Disease (Covid-19), International Journal of Innovation Scientific Research and Review. 2021b, 3, 2021, 1507-1517
<u>17</u>	Malabadi, RB; Meti, NT; Chalannavar, RK. Updates on herbal remedy for kidney stone chronic disease, International Journal of Research and Scientific Innovations, 8, 2021, 122-134
<u>18</u>	Malabadi, RB; Meti, NT; Chalannavar, RK. Recent updates on role of herbal medicine for Alzheimer's disease (Dementia), International Journal of Current Research in Biosciences and Plant Biology, 8,

	2021, 14-32
<u>19</u>	Malabadi, Ravindra B; Kolkar, P; Meti, T; Chalannavar, K. The iconic Baobab (<i>Adansonia digitata</i> L.): Herbal medicine for controlling coronavirus (SARS-CoV-2) disease (Covid-19), <i>International Journal of Innovation Scientific Research and Review</i> , 3, 2021, 1635-1647
<u>20</u>	Aswani, Mayur Arjun; Kathade, Suyash Arunrao; Anand, Pashmin Kaur; Kunchiraman, Bipinraj Nirichan; Dhumma, Pavan Rajendra; Jagtap, Suresh Dnyandev. Probiotic characterization of cholesterol-lowering <i>Saccharomyces cerevisiae</i> isolated from frass of <i>Pyrrharctia isabella</i> caterpillars, <i>Applied Food Biotechnology</i> , 8, 2021, 189-199
<u>21</u>	Vishnu Kadam, Nilofar Shaikh, Sunil Londhe, Rajendra Salunkhe, Sanjay Gaikwad. Histopathology of prostate gland in terrestrial slug <i>Semperula maculata</i> after acute exposure of zinc chloride, <i>Journal of the Maharaja Sayajirao University of Baroda</i> , 55, 2021, 460-462
<u>22</u>	Kadam, Vishnu Y; Salunkhe, Rajendra V; Gaikwad, Sanjay K; Bhosale, Sambhajirao H. Life Table and Intrinsic Rate Of Increase in Lepidopteran Pest <i>Hypsa productaj</i> , <i>Journal of Maharaja Sayajirao University of Boroda</i> , 55, 2021, 536-540
<u>23</u>	Salunkhe, Rajendra V; Bhosale, Sambhajirao H; Gaikwad, Sanjay K; Kadam, Vishnu Y. Reproductive Cycles In Two Geographically Separated Populations of The Oyster <i>Saccostrea Cucullata</i> From Sindhudurg District, Maharashtra State, India, <i>Journal of the Maharaja Sayajirao University of Baroda</i> , 55, 2021, 528-535
<u>24</u>	Rajendra V. Salunkhe, Sambhaji H. Bhosale, Sanjay K. Gaikwad. Checklist of Birds of Malwadi No. 1, Indapur Tahsil, Pune District, Maharashtra, India, <i>Ela Journal of Forestry and Wildlife</i> , 10, 2021, 887-905
<u>25</u>	Kalbhor, Malti Sanjay; Bhowmick, Shovonlal; Alanazi, Amer M; Patil, Pritee Chunarkar; Islam, Md Ataul. Multi-step molecular docking and dynamics simulation-based screening of large antiviral specific chemical libraries for identification of Nipah virus glycoprotein inhibitors, <i>Biophysical Chemistry</i> , 270, 2021, 326-340
<u>26</u>	Savale, Rutuja Umesh; Bhowmick, Shovonlal; Osman, Sameh Mohamed; Alasmay, Fatmah Ali; Almutairi, Tahani Mazyad; Abdullah, Dalal Saied; Patil, Pritee Chunarkar; Islam, Md Ataul.

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<u>27</u>	Wadgaonkar, Manasee; Tale, Vidya; Chavan, Yashwant. Media Optimization and Comparative Study of White-Rot Fungi Species for Their Capacity to Produce Laccase Enzyme, Annals of the Romanian Society for Cell Biology, 2021, 12487-12499
<u>28</u>	Sonali Ambulkar, Vidya Tale, Shobha Khilari. Evaluation of the Antibacterial Potential of Traditional Medicinal Plants against Bacteria Isolated from Dental Caries, J Pure Appl Microbiol, 15, 2021, 1204-1210
<u>29</u>	Patil, Pritee Chunarkar; Patel, Darshit Ashokkumar; Tale, Vidya Sunil. Metagenomic analysis of Dam Reservoirs in Pune city for bacterial fingerprints through BLAST and Kaiju too, Biosciences Biotechnology Research Asia, 17, 2021, 326-344
<u>30</u>	Shetve, V. V., Bhowmick, S., Alissa, S. A., Alothman, Z. A., Wabaidur, S. M., Alasmay, F. A., Alhajrid, H.M. and Islam, M. A. Identification of selective Lyn inhibitors from the chemical databases through integrated molecular modelling approaches, SAR and QSAR in Environmental Research, 32(1), 2021, 1-27
<u>31</u>	Vineet Soni, Kiran Keswani, Upma Bhatt, Deepak Kumar, Hanwant Singh. In vitro propagation and analysis of mixotrophic potential to improve survival rate of Dolichandra unguis-cati under ex vitro conditions, Heliyon, 7(2), 2021, e06101