



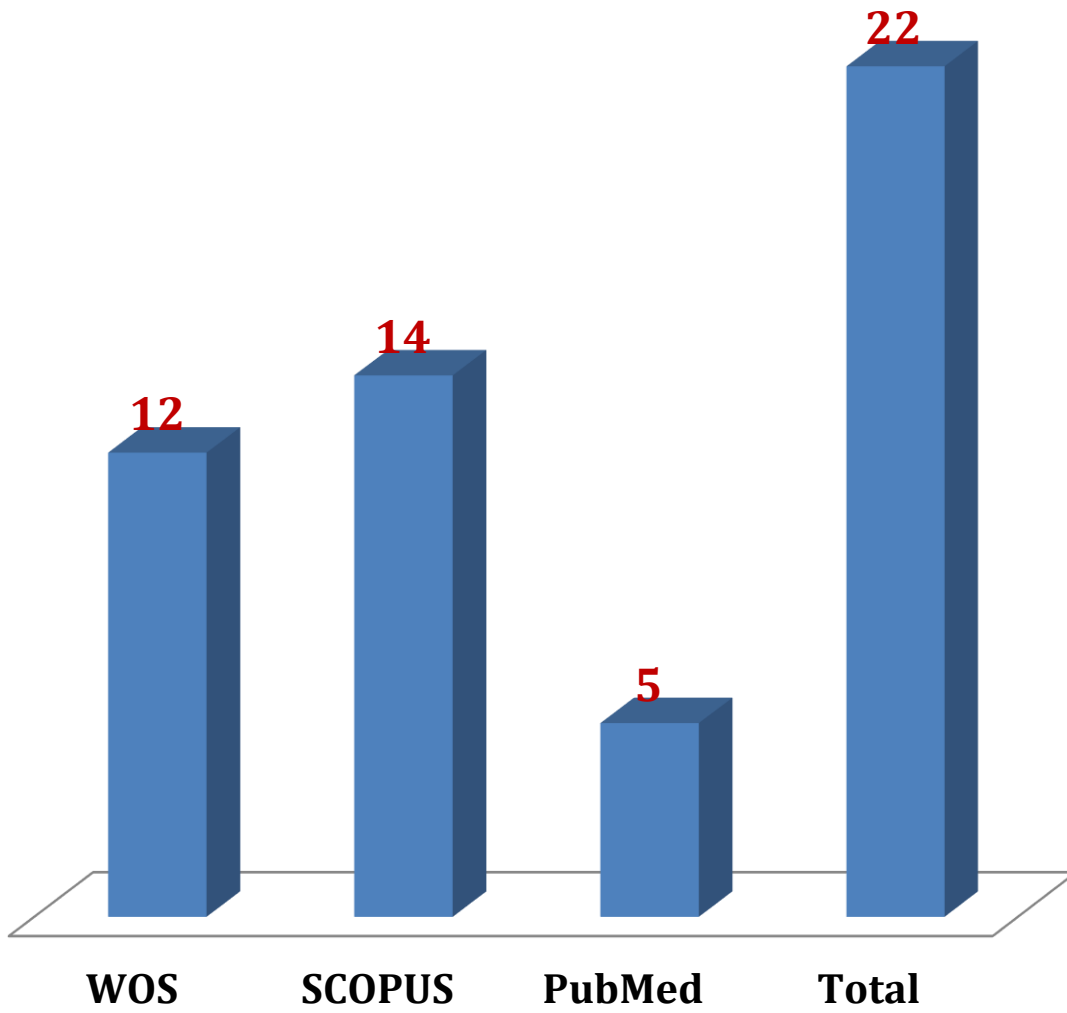
Research Publications (2020)

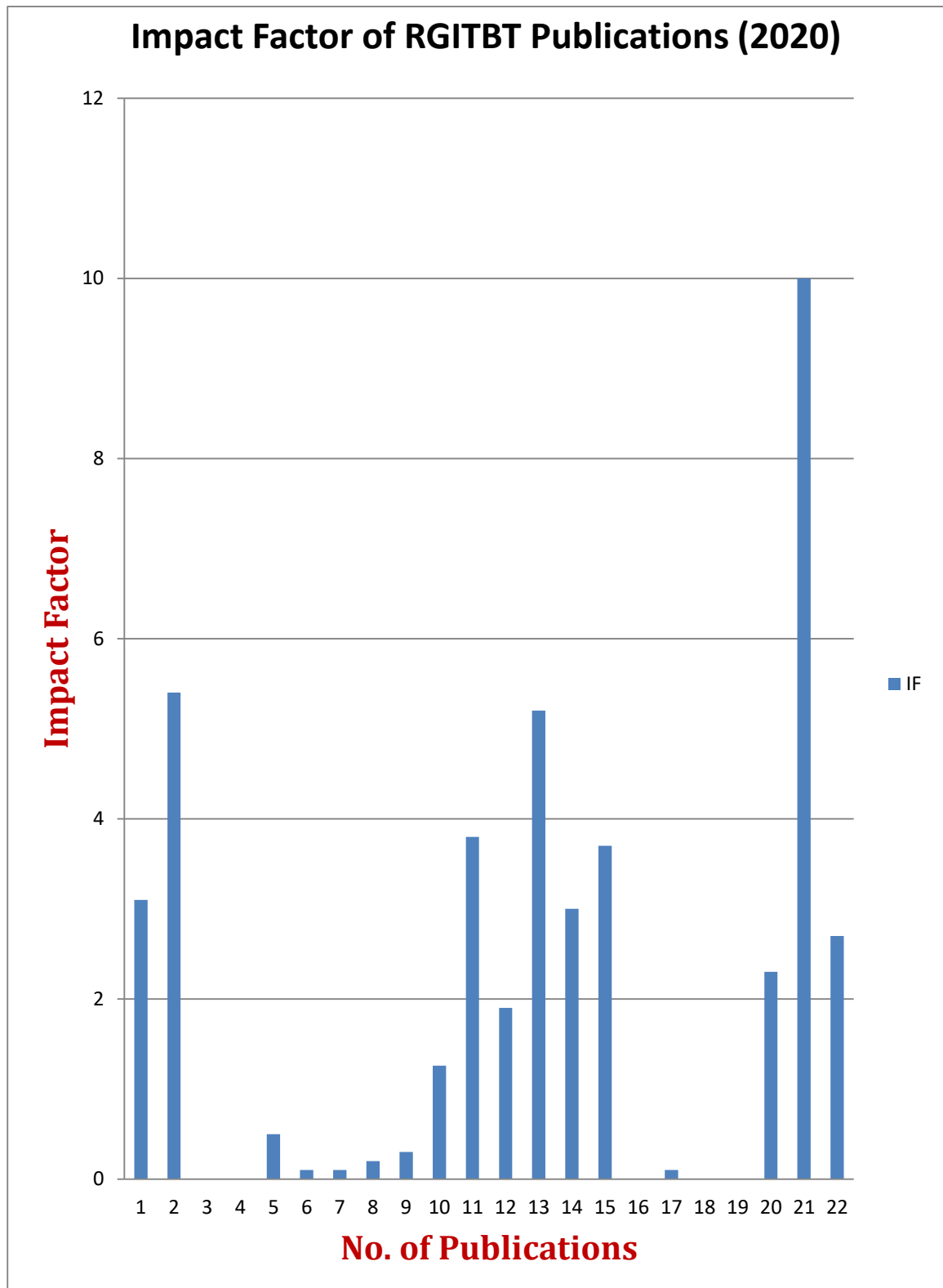
**BHARATI VIDYAPEETH DEEMED TO BE
UNIVERSITY**

**RAJIV GANDHI INSTITUTE OF IT AND
BIOTECHNOLOGY**



RGITBT 2020 Publication Index





2020 Publications

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| 1 | Khan, Zareen S; Chatterjee, Niladri S; Shabeer TP, Ahammed; Shaikh, Shamim; Banerjee, Kaushik. Profile of triacylglycerols, phenols, and vitamin E of Manjari Medika grape seed oil and cake: Introducing a novel Indian variety, European Journal of Lipid Science and Technology, 122, 2020, 1900356 |
| 2 | Khan, Zareen S; Mandal, Abhishek; Maske, Smita; Shabeer, TP Ahammed; Gaikwad, Nilesh; Shaikh, Shamim; Banerjee, Kaushik. Evaluation of fatty acid profile in seed and oil of Manjari Medika, a novel Indian grape cultivar and its comparison with Cabernet Sauvignon and Sauvignon Blanc, Sustainable Chemistry and Pharmacy, 16, 2020, 100253 |
| 3 | Singh, EA; Parihar, Prashant Singh; Marak, Panthora B; Jha, Anjali; Sharma, Amit. An Ecofriendly Approach of Rice Husk in Phosphate Removal and it's Synthesis in Silica Extract from Waste Residues, 2020 |
| 4 | GA. Patil, PP. Pillai, AS. Moghe. Stem cell regeneration and differentiation potential of Indigenous plants, International Journal of Pharmaceutical and Clinical Research, 4, 2020, 35-47 |
| 5 | Radhika. M. Khandelwal, Rama K. Bhadekar, Arun. B. Jadhav, Manisha. P. Gajendragadkar. An Experimental Study of Antagonistic Effects of Homoeopathic Medicines Against Pseudomonas Aeruginosa, Global Journal For Research Analysis, Global Journal For Research Analysis, 9, 2020 ,45383 |
| 6 | Deepali Tak, Rama Kaustubh Bhadekar, Arun Bhargav Jadhav, Manisha Prashant Gajendragadkar. An in-vitro study on antibacterial activity of homoeopathic medicines-Silicea, Sulphur and Mercurius solubilis against Pseudomonas aeruginosa, INTERNATIONAL JOURNAL OF PHARMACEUTICAL RESEARCH, 12, 2020, 643-648 |
| 7 | Suyash Kathade, Mayur Aswani, Pashmin Anand, Suresh Jagtap and Bipinraj Kunchiraman. Isolation of Lactobacillus from donkey dung and its probiotic characterization, Korean Journal of Microbiology, 56, 2020, 160-169 |
| 8 | Suyash Kathade, Mayur Aswani, Pashmin Anand and Bipinraj Nirichan Probiotic characterization and cholesterol assimilation ability of Pichia kudriavzevii isolated from the gut of the edible freshwater snail "Pila globosa", |

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| | Egyptian Journal of Aquatic Biology & Fisheries, 24, 2020, 23-39 |
| <u>9</u> | Anand Pashmin Kaur , Arjun Aswani Mayur , Arunrao Kathade Suyash, Balshiram Kale Arti and Bipinraj Niricharan Kunchiraman. Probiotic Characterization of Anti-candida Bacillus, Research Journal of Biotechnology, 15, 2020, 22-29 |
| <u>10</u> | Sharifi M and B N. Kunchiraman. Isolation and Identification of Bacillus Tequilensis from Mangrove Soil and Their Antimicrobial Activity against Common Pathogens, International Journal of Scientific and Research Publications, 11, 2020, 326-330 |
| <u>11</u> | Gupta, Shruti; Parihar, Devendra; Shah, Mokshada; Yadav, Shivali; Managori, Husain; Bhowmick, Shovonlal; Patil, Preeti Chunarkar; Alissa, Siham A; Wabaidur, Saikh Mohammad; Islam, Md Ataul. Computational screening of promising beta-secretase 1 inhibitors through multi-step molecular docking and molecular dynamics simulations- Pharmacoinformatics approach, Journal of Molecular Structure, 1205, 2020, 127660 |
| <u>12</u> | Patil, Pritee Chunarkar; Panchal, Pradnya Suresh; Madiwale, Shweta; Tale, Vidya Sunil. An analysis of non-cultivable bacteria using WEKA, Bioinformation, 16, 2020, 620 |
| <u>13</u> | Bhowmick, Shovonlal; Chorge, Rekha Dhondiram; Jangam, Chaitanya Sadashiv; Bharatrao, Lomate Dhanraj; Patil, Pritee Chunarkar; Chikhale, Rupesh V; Islam, Md Ataul. Identification of potential cruzain inhibitors using de novo design, molecular docking and dynamics simulations studies, Journal of Biomolecular Structure and Dynamics, 38, 2020, 4005-4015 |
| <u>14</u> | Tambe, Pranjali Mahadeo; Bhowmick, Shovonlal; Chaudhary, Sushil K; Khan, Mohammad Rizwan; Wabaidur, Saikh M; Muddassir, Mohd; Patil, Preeti Chunarkar; Islam, Md Ataul. Structure-based screening of DNA gyrase b inhibitors for therapeutic applications in tuberculosis: a pharmacoinformatics study, Applied Biochemistry and Biotechnology, 192, 2020, 326-336 |
| <u>15</u> | Shinde, Pooja Balasaheb; Bhowmick, Shovonlal; Alfantoukh, Etidal; Patil, Pritee Chunarkar; Wabaidur, Saikh Mohammad; Chikhale, Rupesh V; Islam, Md Ataul. De novo design based identification of potential HIV-1 integrase inhibitors: a pharmacoinformatics study, Computational biology and chemistry, 88, 2020, 326-337 |

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| 16 | Mambayil, Prajakta; Tajane, Surbhi; Chunarkar, Pritee. Zika Virus: An Emerging Threat, Asian Jr. of Microbiol. Biotech. Env. Sc., 22, 2020, 326-346 |
| 17 | Rane, Mitali; Tale, Vidya. Probiotics as potential producer of phytase, Current Topics in Peptide & Protein Research, 21, 2020, 37 - 43 |
| 18 | Ambulkar, Sonali kaustubh; Tale, Vidya; Jadhav, Abhijit; Kulkarni, Komal. Biofilm forming ability of bacteria isolated from dental caries: with reference to Streptococcus species, Future Dental Journal of Egypt, 5, 2020, Article 2 |
| 19 | Abhinandan Das, Arun. B. Jadhav, Ravikiran. D. Jadhav. Antagonistic Effect of Homoeopathic Preparations on Acinetobacter baumannii, A Common Nosocomial Infectious Agent through In Vitro Study, IOSR Journal of Nursing and Health Science (IOSR-JNHS), 9, 2020, 36-42 |
| 20 | Mittal, Khushboo; Ingle, Priyanka; Dangi, Rakhee. Trigonella glabra (Leguminosae): A new addition to Trigonella Genetic Resources in India, Journal of Economic and Taxonomic Botany, 44, 2020, 45478 |
| 21 | Rashmi S. Tupe, Nilima Bangar, Arundhati Diwan, Dhanashri Changale, Shivani Choudhary & Shubhangi Chaware . Comparative study of different glycyating agents on human plasma and vascular cells, Molecular Biology Reports, 47, 2020, 521-531. |
| 22 | Adeshara KA, Bangar NS, Doshi PR , Diwan A , Tupe RS. Action of metformin therapy against advanced glycation, oxidative stress and inflammation in type 2 diabetes patients: 3 months follow-up study. Diabetes & Metabolic Syndrome, 28 Jul 2020, 14(5):1449-1458 |