

List of Publications in Year 2021-22

Botany

1. "Tryptic and chymotryptic inhibitory study of selected vigna protease inhibitors"
International Journal of Botany Studies, **2022**, 7 (2), 378-384
Ravindrakumar S. Dhande
<https://www.botanyjournals.com/archives/2022/vol7/issue2/7-2-67>
2. "Wetland phytodiversity of Rajura water reservoir of Amravati district, Maharashtra (India)"
International Journal of Botany Studies, **2022**, 7 (4), 22-29
Ravindrakumar S. Dhande.
<https://www.botanyjournals.com/archives/2022/vol7/issue4/7-3-56>
3. "Purification of protease inhibitors of Vigna hainiana, Vigna aconitifolia and Vigna sublobata"
International Journal of Botany Studies, **2022**, 7(5), 54-60
Ravindrakumar S. Dhande
<https://www.botanyjournals.com/archives/2022/vol7/issue5/7-5-17>
4. "Rearing of Helicoverpa armigera Hubner and Characterization of its Gut Proteinases"
Indian Journal of Agricultural Research **2022**, 56, 99-105
R.S. Dhande, M.P. Mohril
<https://arccjournals.com/journal/indian-journal-of-agricultural-research/A-5735>

Chemistry

5. "Synthesis and Characterization of 2-Tetra-O-acetyl- β -D-glucopyranosylimino-5-(Arylidinehydrazino)-1,3,4-thiadiazolidines"
Der Pharmacia Lettre **2021**, 13 (3), 28-32
Avinash G. Ulhe, Vivek T. Humne
<https://www.scholarsresearchlibrary.com/articles/synthesis-and-characterization-of-2tetraoacetyldglucopyranosylimino5arylidinehydrazino134thiadiazolidines.pdf>
6. "Iodine-mediated expedient synthesis of sulfur-nitrogen containing heteroaminals under acidic condition"
J. Hetero. Chem. **2022**, 59 (6), 1123–1129
Rameshwar R. More, Archana B. Kadam, Vivek T. Humne, Subhash B. Junne
<https://onlinelibrary.wiley.com/doi/10.1002/jhet.4448>
7. "Direct oxidation of bromo-derived Fischer-Borsche oxo-ring using molecular iodine with combined experimental and computational study"
Org. Biomol. Chem. **2022**, 20, 5726-5729
Vivek T. Humne, Monica H. Ghom, Mahavir S. Naykode, Yuvraj Dangat, Kumar Vanka, Pradeep Lokhande
<https://pubs.rsc.org/en/content/articlelanding/2022/ob/d2ob00793b/unauth>

8. "Removal Of Lead Pb(Ii) From Industrial Waste Water By Using Bio-Adsorbents"
Journal of Emerging Technologies and Innovative Research **2022**, 9(5), 281-282
S. A. Ikhe, A. G. Ulhe
<https://www.jetir.org/papers/JETIRF006046.pdf>
9. "Investigation of Phytochemical Constituents Of Ethanol and distilled water extracts of Andrographis Paniculata Plant"
Journal of Emerging Technologies and Innovative Research **2021**, 8(3), 1501-1506
R. P. Ganorkar , D. A. Pund , Y. S. Tamgadge, M. R. Dakare
<http://www.jetir.org/papers/JETIR2103193.pdf>
10. "X-Ray Diffraction Study of Polypyrrole/Fluorescein Composite Synthesized By Chemical Method"
International Journal of Scientific Research in Science and Technology **2021**, 8, 233-235
S. G. Khobragade, N. S. Dixit, M. S. Dixit, D. A. Pund
<https://ijsrst.com/paper/7455.pdf>
11. Spectrophotometric Determination of Sulphate and Nitrate in Drinking Water at different Establishments in the vicinity of Gadchandur town, Dist- Chandrapur, Maharashtra (India)
Stochastic Modeling & Applications **2022**, 3, (3) 505-514
Sandip B. Ghodile, Mahendra Pratap Singh, Pawan M. Chatare, B. S. Pahune, Dinesh A. Pund
<https://www.mukpublications.com/v26-3-si-2022.php>

Zoology

12. "Scientific evaluation of mating performance in albino rats under the influence of *Gloriosa superba*"
Int. Res. J. of Science & Engineering **2021**, A11, 183-187
Pare Shital, Zade Varsha
https://www.irjse.in/ETST_2021/33.%20SPI_A11_ZOO_01.pdf
13. "Study of Biocontrol potential of *Trichoderma viride*, and it's U.V. induced mutants against *Aspergillus* species in Chickpea (*Cicer arietinum* L.)"
Journal name **2021**, A11, 193-200
Ashwin G. Lunge, Anita S. Patil
[Link not found](#)
14. "A preliminary study of Zooplankton diversity in Fish farm hatchery at Nal Damayanti (Simbhora) Dam, Morshi, Amravati, MS, India"
Journal name **2021**, A11, 211-215.
A. S. Tekade, S. R. Pare, A.G. Lunge
[Link not found](#)

Physics

15. "Study of thermal properties on Polyaniline-Poly vinyl acetate blend"
AAYUSHI INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL 2022, Issue 109
A. V. Kohale , N. D. Kolekar
[Link not found](#)
16. "Overview of recent advances in solar cell technologies"
AAYUSHI INTERNATIONAL INTERDISCIPLINARY RESEARCH JOURNAL 2022, Issue 109
A. V. Kohale , N. D. Kolekar
[Link not found](#)