Rayat Shikshan Sanstha's

Yashavantrao Chavan Institute of Science (Autonomous)
Satara-415001

Scopus Indexed Recent Publications (2019)

1. Biosynthesis of gold nanoparticles by Bacillus marisflavi and its potential in catalytic dye degradation.
   https://www.sciencedirect.com/science/article/pii/S1878535216301642?via%3Dihub
   https://doi.org/10.1016/j.arabjc.2016.09.020

2. Synthesis and characterization of nanostructured Cu-ZnO: An efficient catalyst for the preparation of (E)-3-styrylchromones
   https://www.sciencedirect.com/science/article/pii/S1878535216302520?via%3Dihub
   https://doi.org/10.1016/j.arabjc.2016.12.015

3. In vitro regeneration approaches for restoration of Ceropegia mohanramii—an endemic and critically endangered asclepiad
   https://jgeb.springeropen.com/articles/10.1186/s43141-019-0003-6
   https://doi.org/10.1186/s43141-019-0003-6

4. On nonlinear mixed fractional integrodifferential inclusion with four-point nonlocal Riemann-Liouville integral boundary conditions
   https://link.springer.com/article/10.1007/s13226-019-0365-0
   https://doi.org/10.1007/s13226-019-0365-0

5. Supercapacitive Performance of Lithium Doped and Undoped NiFe2O4 Thin Films by Chemical Deposition Method
   https://link.springer.com/article/10.1007%2Fs11664-019-07599-4
   https://doi.org/10.1007/s11664-019-07599-4

6. Preparation of Bismuth Oxide Thin Films by Spray Pyrolysis Method and Its Characterizations
   https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.201800198
   https://doi.org/10.1002/masy.201800198

7. Exploration of Fluorescence Quenching Mechanism in Tryptophan Induced by Norfloxacin: Analytical Applications
   https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.201800208
   https://doi.org/10.1002/masy.201800208

8. An Investigation of Fluorescence Resonance Energy Transfer between Tryptophan and Quinine Sulphate
   https://onlinelibrary.wiley.com/doi/abs/10.1002/masy.201800204
   https://doi.org/10.1002/masy.201800204

9. Seed coat polymorphism in Vigna section Aconitifoliae in India
https://www.sciencedirect.com/science/article/abs/pii/S0367253019304621?via%3Dihub
https://doi.org/10.1016/j.flora.2019.151458

10. Optimizing of Multi-objective Inventory Model by Different Fuzzy Techniques
https://link.springer.com/article/10.1007%2Fs40819-019-0721-0
https://doi.org/10.1007/s40819-019-0721-0

11. Photoelectrochemical performance of MoBiGaSe5 thin films deposited by vacuum deposition technique
https://link.springer.com/article/10.1007%2Fs10854-019-02110-5
https://doi.org/10.1007/s10854-019-02110-5

12. Mizoroki–Heck cross-coupling reactions using palladium immobilized on DABCO-functionalized silica
https://link.springer.com/article/10.1007%2Fs11243-019-00308-4
https://doi.org/10.1007/s11243-019-00308-4

13. Ni0.1CO0.9Fe2O4 spinel ferrite as a promising magneto-dielectric substrate for X-band Microstrip Patch Antenna
https://ieeexplore.ieee.org/document/8981054
https://doi.org/10.1109/IEMENTech48150.2019.8981054

14. Eco-friendly dyeing of cotton with brown natural dye extracted from Ficus amplissima Smith leaves
https://link.springer.com/article/10.1007%2Fs10311-018-00854-w
https://doi.org/10.1007/s10311-018-00854-w

15. Honokiol for cancer therapeutics: A traditional medicine that can modulate multiple oncogenic targets
https://www.sciencedirect.com/science/article/abs/pii/S1043661819301215?via%3Dihub
https://doi.org/10.1016/j.phrs.2019.04.004

16. Genetic diversity using RAPD markers, mineral composition and their correlation in selected local landraces of finger millet [Eleusine coracana (L.) Gaertn.]
https://link.springer.com/article/10.1007%2Fs42535-019-00001-y
https://doi.org/10.1007/s42535-019-00001-y

17. Surfactant-assisted spray pyrolyzed SnO2 nanostructures for NO 2 gas-sensing application
https://www.scopus.com/record/display.uri?eid=2-s2.0-85073185251&origin=resultslist&sort=plf-f&src=s&sid=394c8e037e2a988db23693dc907ece1c&sot=aff&sdt=a&sl=66&s=AF-ID%28%22Yashavantrao+Chavan+Institute+of+Science++Satara%22+60099085%29&relpos=36&citeCnt=2&searchTerm=
10.1186/s43141-019-0003-6

18. One-pot three-component synthesis and photophysical properties of highly fluorescent novel 4-alkyl-3-aryl-2,6-dicyanoanilines by using tris(hydroxymethyl)aminomethane as a catalyst
https://www.sciencedirect.com/science/article/abs/pii/S2405830018302039?via%3Dihub
https://doi.org/10.1016/j.cdc.2018.100172

19. Gas Sensing Properties of Hydrothermally Synthesized Button Rose-Like WO3 Thin Films
https://link.springer.com/article/10.1007%2Fs11664-018-6756-x
https://doi.org/10.1007/s11664-018-6756-x

20. The distribution of blue-green algae (Cyanobacteria) from the paddy fields of Patan and Karad tehsils of Satara District, Maharashtra, India
https://www.scopus.com/results/results.uri?sort=plf-f&src=s&sid=394c8e037e2a988db23693dc907ece1c&sot=aff&sdt=a&sl=15&s=AF-ID%2860099085%29&origin=AffiliationProfile&editSaveSearch=&txGid=e85fbbbf6b0ae60ff0e3759e7d348c6b
10.11609/jott.4767.11.14.14862-14869

21. Structural and magnetic properties of Cr-Zn nanoferrites synthesized by chemical co-precipitation method
https://www.jkcs.or.kr/journal/view.php?doi=10.4191/kcers.2019.56.5.06
https://doi.org/10.4191/kcers.2019.56.5.06

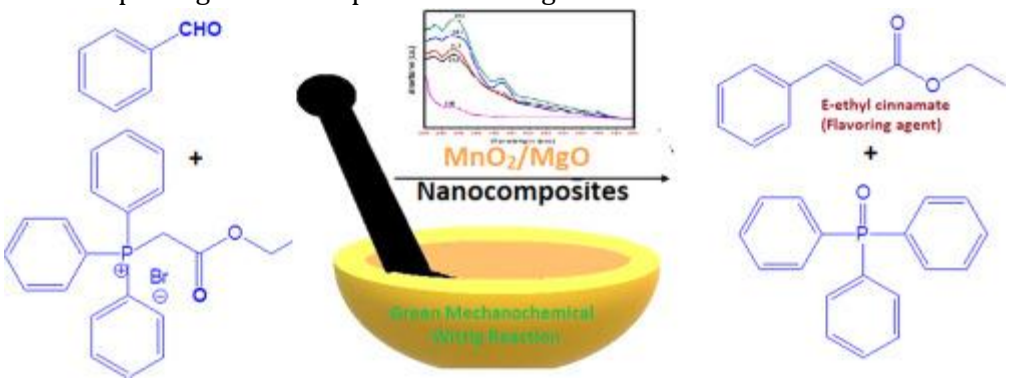
    Nail Image Segmentation for Disease Detection
https://link.springer.com/chapter/10.1007%2F978-981-13-9184-2_10
https://doi.org/10.1007/978-981-13-9184-2_10

22. Delineating taxonomic identity of two closely related Vigna species of section Aconitifoliae: V. trilobata (L.) Verdc. and V. stipulacea (Lam.) Kuntz in India
https://link.springer.com/article/10.1007%2Fs10722-019-00767-9
https://doi.org/10.1007/s10722-019-00767-9

23. ZnCl2 loaded TiO2 nanomaterial: An efficient green catalyst to one-pot solvent-free synthesis of propargylamines.

https://pubs.rsc.org/en/content/articlelanding/2019/RA/C9RA06693D#!divAbstract
http://xlink.rsc.org/?DOI=c9ra06693d

24. Green synthetic methodology: An evaluative study for impact of surface basicity of MnO2 doped MgO nanocomposites in Wittig reaction



https://www.sciencedirect.com/science/article/abs/pii/S0022459618304122?via%3Dihub
https://doi.org/10.1016/j.jssc.2018.09.028