

Rayat Shikshan Sanstha's  
**Yashwantrao Chavan Institute of Science (Autonomous)**  
**Satara-415001**

**Scopus Indexed Publications 2017: (21)**

1. Effect of Cd-doping on the catalytic activity of ZnO nanoflakes in the synthesis of benzimidazoles  
<https://link.springer.com/article/10.1007%2Fs11164-017-3074-5>  
<https://doi.org/10.1007/s11164-017-3074-5>
2. Extraction efficiency, phytochemical profiles and antioxidative properties of different parts of Saptarangi (*Salacia chinensis* L.) – An important underutilized plant  
<https://www.sciencedirect.com/science/article/pii/S2405580816303028?via%3Dihub>  
<https://doi.org/10.1016/j.bbrep.2017.08.012>
3. Structural properties of nano-crystalline Mg-Ferrite prepared by microwave sintering technique  
<https://www.tandfonline.com/doi/abs/10.1080/10584587.2017.1369313?journalCode=ginf20>  
<https://doi.org/10.1080/10584587.2017.1369313>
4. Nano-crystalline Magnesium Substituted Cadmium Ferrites as X-band Microwave Absorbers  
<https://www.sciencedirect.com/science/article/abs/pii/S0304885317311162?via%3Dihub>  
<https://doi.org/10.1016/j.jmmm.2017.06.026>
5. Effect of air and nitrogen annealing on TiO<sub>2</sub>/Cu<sub>2</sub>O heterojunction photoelectrochemical solar cells  
<https://iopscience.iop.org/article/10.1088/2053-1591/aa8ab9>
6. First report of powdery mildew caused by *Erysiphe quercicola* on *Acacia auriculiformis* in India  
<https://apsjournals.apsnet.org/doi/10.1094/PDIS-05-17-0639-PDN>  
<https://doi.org/10.1094/PDIS-05-17-0639-PDN>
7. Characterization and NO<sub>2</sub> gas sensing properties of spray pyrolyzed SnO<sub>2</sub> thin films  
<https://www.sciencedirect.com/science/article/abs/pii/S0165237017305570?via%3Dihub>  
<https://doi.org/10.1016/j.jaap.2017.09.004>

8. Effect of microwave sintering on synthesis and structural properties of nanocrystalline Mg–Cd ferrites  
<https://link.springer.com/article/10.1007%2Fs10854-017-6891-9>  
<https://doi.org/10.1007/s10854-017-6891-9>
9. The spiny theridiid genus Meotipa Simon, 1895 in India, with description of a strange new species with translucent abdomen and a phylogenetic analysis about the genus placement (Araneae, Theridiidae)  
<https://www.biotaxa.org/Zootaxa/article/view/zootaxa.4291.3.4>  
<https://doi.org/10.11646/zootaxa.4291.3.4>
10. Role of deposition time on synthesis of high-performance NiCo<sub>2</sub>O<sub>4</sub> supercapacitors  
<https://link.springer.com/article/10.1007%2Fs10854-017-6705-0>  
<https://doi.org/10.1007/s10854-017-6705-0>
11. Photocatalytic degradation of methylene blue by hydrothermally synthesized CZTS nanoparticles  
<https://link.springer.com/article/10.1007%2Fs10854-017-6527-0>  
<https://doi.org/10.1007/s10854-017-6527-0>
12. Manurial value and pollution potential study of effluent and sludge produced from biogas digester run on bagasse and press mud admixture  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85016322580&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=c25d24f7577dc4f53a119dff903925f&sot=aff&sdt=cl&cluster=scopubyr%2c%222017%22%2ct&sl=66&s=AF-ID%28%22Yashavantrao+Chavan+Institute+of+Science++Satara%22+60099085%29&relpos=11&citeCnt=0&searchTerm=>  
ISSN: 09720626
13. Molecular authentication of the traditional medicinal plant "Lakshman Booti" (*Smithia conferta* Sm.) and its adulterants through DNA barcoding  
<https://www.phcog.com/article.asp?issn=0973-1296;year=2017;volume=13;issue=50;spage=224;epage=229;aulast=Umdale>  
[10.4103/pm.pm.499.16](https://doi.org/10.4103/pm.pm.499.16)
14. *Aspergillus flavipes*-M1 and *Penicillium chrysogenum*-M2: The potent hydrolytic molds from biogas digester run on vegetable waste  
<https://www.scopus.com/record/display.uri?eid=2-s2.0-85016231844&origin=resultslist&sort=plf-f&src=s&nlo=&nlr=&nls=&sid=c25d24f7577dc4f53a119dff903925f&sot=aff&sdt=cl&cluster=scopubyr%2c%222017%22%2ct&sl=66&s=AF-ID%28%22Yashavantrao+Chavan+Institute+of+Science++Satara%22+60099085%29&relpos=13&citeCnt=0&searchTerm=>

15. Molecular Authentication of Medicinal Plant, *Swertia chirayita* and its Adulterant Species  
<https://link.springer.com/article/10.1007%2Fs40011-015-0556-3>  
<https://doi.org/10.1007/s40011-015-0556-3>
16. Phytoconstituents, pigments, gas chromatography mass spectrometry analysis, and allelopathy effect of *Alternanthera ficoidea* (L.) P. Beauv  
<https://innovareacademics.in/journals/index.php/ajpcr/article/view/14498>  
<https://doi.org/10.22159/ajpcr.2017.v10i2.14498>
17. Report of *Platythomisus octomaculatus* (C. L. Koch, 1845) and *Platythomisus sudeepi* Biswas, 1977 from India (Araneae, Thomisidae)  
<https://bdj.pensoft.net/articles.php?id=10294>  
<https://doi.org/10.3897/BDJ.5.e10294>
18. Seed coat sculpture of subgenus *Ceratotropis* (Piper) verdc., genus *Vigna* Savi in India and its taxonomic implications  
<https://www.tandfonline.com/doi/abs/10.1080/23818107.2016.1273795?journalCode=tabg21>
19. Electrodeposition and characterization of pH transformed Cu<sub>2</sub>O thin films for electrochemical sensor  
<https://link.springer.com/article/10.1007%2Fs10854-016-5672-1>  
<https://doi.org/10.1007/s10854-016-5672-1>
20. First report of *podosphaera xanthii* causing powdery mildew on *ageratum conyzoides* in India  
<http://www.sipav.org/main/jpp/index.php/jpp/article/view/3894>  
<http://dx.doi.org/10.4454/jpp.v99i2.3894>
21. Pollen morphology of asian *Vigna* species (genus *Vigna*; subgenus *Ceratotropis*) from India and its taxonomic implications  
<https://journals.tubitak.gov.tr/botany/issues/bot-17-41-1/bot-41-1-7-1603-31.pdf>