

Sr. No.	Publication Details (2021)
1	<p>Elicitor-mediated enhancement of biomass, polyphenols, mangiferin production and antioxidant activities in callus cultures of <i>Salacia chinensis</i> L Chavan JJ, Kshirsagar PR, Jadhav SG, Nalavade VM, Gurme ST, Pai SR <i>3 Biotech</i>, 11 (2021) 285 ISSN: 2190-5738</p>
2	<p>Efficacy of plant essential oils against rice weevil, <i>Sitophilus oryzae</i> Tangadi RR, Jadhav GS, Devarshi AA, Yankanchi SR <i>Journal of Biopesticides</i>, 14 (2021) 22 ISSN: 0974-391X</p>
3	<p>Phytochemical composition, and antioxidant potential of <i>Frerea indica</i> Dalz: A critically endangered, endemic and monotypic genus of the Western Ghats of India Umdale S, Mahadik R, Otari P, Gore N, Mundada P, Ahire M <i>Biocatalysis and agricultural biotechnology</i>, 35 (2021) 102080 ISSN: 1878-8181</p>
4	<p>Phytochemical investigation and antioxidant efficacy of wild, underutilized berries of economically important Indian Sandalwood (<i>Santalum album</i> L) Umdale S, Ahire M, Aiwale V, Jadhav A, Mundada P <i>Biocatalysis and Agricultural Biotechnology</i>, 27 (2021) 101705 ISSN: 1878-8181</p>
5	<p>An insight into the role of silicon on retaliation to osmotic stress in finger millet (<i>Eleusine coracana</i> (L) Gaertn) Mundada PS, Barvkar VT, Umdale SD, Kumar SA, Nikam TD, Ahire ML <i>Journal of Hazardous Materials</i>, 403 (2021) 124078 ISSN: 1873-3336</p>
6	<p>Characterization of influx and efflux silicon transporters and understanding their role in the osmotic stress tolerance in finger millet (<i>Eleusine coracana</i> (L) Gaertn) Mundada P, Ahire M, Umdale S, Barmukh R, Nikam T, Pable A, Deshmukh R, Barvkar V <i>Plant Physiology and Biochemistry</i>, 162 (2021) 677 ISSN: 1873-2690</p>
7	<p>Biogenic synthesis of ZnO nanoparticles from <i>Parthenium hysterophorus</i> extract and its catalytic activity for building bioactive polyhydroquinolines Mane P, Shinde B, Mundada P, Karale B, Burungale A <i>Research on Chemical Intermediates</i>, 47 (2021) 1743 ISSN: 1568-5675</p>

8	<p>Uraria picta: A comprehensive review on evidences of utilization and strategies of conservation Bhusare BP, Ahire ML, John CK, Nikam TD <i>Journal of Phytology</i>, 13 (2021) 41 ISSN: 2075-6240</p>
9	<p>Plant regeneration through direct and indirect organogenesis, phyto-molecular profiles, antioxidant properties and swertiamarin production in elicited cell suspension cultures of Swertia minor (Griseb) Knob Kshirsagar PR, Mohite A, Suryawanshi S, Chavan JJ, Gaikwad NB, Bapat VA <i>Plant Cell, Tissue and Organ Culture</i> 144 (2021) 383 ISSN: 1573-5044</p>
10	<p>Multifaceted roles of silicon in mitigating environmental stresses in plants Ahire ML, Mundada PS, Nikam TD, Bapat VA, Penna S <i>Plant Physiology and Biochemistry</i>, 169 (2021) 291 ISSN: 1873-2690</p>
11	<p>In water exploration of Alpinia zerumbet-fabricated CuO NPs in the presence of NaPTS at room temperature: green synthesis of 1,8-dioxooctahydroxanthene derivatives Shinde B, Kamble S, Jadhav H, Mane P, Khude K, Kim H, Karale B, Burungale A <i>Research on Chemical Intermediates</i>, 47 (2021) 1221 ISSN: 9226-168X</p>
12	<p>Electrodeposited bimetallic microporous MnCu oxide electrode as a highly stable electrocatalyst for oxygen evolution reaction Deokate RJ, Chavan HS, Bulakhe SC, Tanwade SB, Mujawar SH, Mali SS, Hong CK, Im H, Inamdar AI <i>International Journal of Energy Research</i>, 46 (2021) 5269 ISSN: 0363-907X</p>
13	<p>Effect of annealing temperature on morphologies of metal organic framework derived NiFe₂O₄ for supercapacitor application Patil PD, Shingte SR, Karade VC, Kim JH, Dongale TD, Mujawar SH, Patil AM, Patil PB <i>Journal of Energy Storage</i>, 40 (2021) 102821 ISSN: 2352-152X</p>
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15	<p>Ba-M+Y (Ba₄-XCo₂+XFe₃₆O₆₀) complex hexaferrite: structural, electrical, magnetic, and enhanced microwave absorbing properties over 8-18 GHz frequency Velhal N, Kashid PB, Kulkarni G, Kulkarni DC, Almoalim HS, Alharbi SA, Puri V, Vattikuti SV <i>Journal of Materials Science: Materials in Electronics</i>, 32 (2021) 10240 ISSN: 0957-4522</p>
16	<p>Preparation of Zinc Ferrite by Solid State Method and Its Characterizations Jadhav SS, Salunke VY, Jadhav CH, Mujawar SH, Bhongale SR <i>Macromolecular Symposia</i>, 400 (2021) 2100070 ISSN: 1022-1360</p>

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19	<p>Facile hydrothermal synthesis of Cu₂SnS₃ nanoparticles for photocatalytic dye degradation of methylene blue Machale AR, Phaltane SA, Shelke HD, Kadam LD <i>Materials Today: Proceedings</i>, 43 (2021) 2768 ISSN: 2214-7853</p>
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23	<p>Photocatalytic dye degradation study of TiO₂ material Torane AP, Ubale AB, Kanade KG, Pagare PK <i>Materials Today: Proceedings</i>, 43 (2021) 2738 ISSN: 2214-7853</p>
24	<p>Psycho-physiological changes in Teenagers using smart phone in Karad, Maharashtra, India Khan IN, More RB, Shinde S, Shelake N, Jagtap S <i>International Journal of Creative Research Thoughts</i>, 9 (2021) 3203 ISSN: 2320-2882</p>
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30	<p>Magnesium Oxide Nanoparticles Facilitates One Pot Wittig Reaction for the Synthesis of Ethyl (2E)-3-(2-chloroquinolin-3-yl)prop-2-enoate Derivatives Hangarge RV, Patil SS, Indore PB, Kanade KG <i>Chemistry & Biology Interface</i>, 11 (2021) 171 ISSN: 2249-4820</p>
31	<p>Neural Network based Nonparametric Control Chart for Location Nimbale SM, Ghute VB <i>International Journal of Statistics and Reliability Engineering</i>, 8 (2021) 381 ISSN: 2350-0174</p>
32	<p>A Study on Growth, Instability and Forecasting of Grape Export from India Bhagat AA, Jadhav DS <i>Journal of Scientific Research of The Banaras Hindu University</i>, 65 (2021) 1 ISSN: 0447-9483</p>
33	<p>Comparative Study of Solubility of Tranquilizers (Alternative Date Rape Drugs) in Stomach Acid More A, Nalage S, Mali A <i>Journal of Pharmacy and Pharmacology</i>, 9 (2021) 278 ISSN: 2328-2150</p>
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35	<p>Ovicidal efficacy of plant extracts in Spodoptera frugiperda Smith and Spodoptera litura Fab (Lepidoptera: Noctuidae) Parchande RS, Jadhav GS, Devarshi AA, Yankanachi SR <i>Bioinfolet</i>, 18 (2021) 201 ISSN: 0976-4755</p>

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37	<p>Nutrigenomics And Bio-Availability Enhancers As A Combination Therapy For Myostatin Inhibition To Cope With Muscular Dystrophy, Jadhav SD, Shinde SS, Nalage SS, Sande AJ <i>Universe International Journal of Interdisciplinary Research</i>, 1 (2021) 218 ISSN: 2582-6417</p>
38	<p>The study of <i>Gymnema sylvestre</i> and its bioactive components effect on diabetes Milletus Jadhav SD, Shinde SS, Salavi YR <i>Universe International Journal of Interdisciplinary Research</i>, 2 (2021) 66 ISSN: 2582-6417</p>
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40	<p>Trend and variability of rainfall in jalgaon district maharashtra Bhagat AA, Bhogers, Jadhav DS <i>International Journal of Farm Sciences</i>, 11 (2021) 18 ISSN: 2250-0499</p>
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42	<p>Fuzzy expert system for severity measurement of Covid-19 suspect Jadhav BT, Nhivekar GS <i>International Journal of Research and Review</i>, 8 (2021) 139 ISSN: 2349-9788</p>
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51	<p>Insect activity and Its Relationship to decay Rates of Rat cadaver in Solapur District</p> <p>Lokhande T, Hankare V</p> <p><i>International Journal of Forensic Science & Pathology</i>, 8 (2021) 464</p> <p>ISSN: 2332-287X</p>
52	<p>Sexual Dimorphism from Visual Examination of Tongue in Satara District</p> <p>Avhad S, Hankare V</p> <p><i>International Journal of Forensic Science & Pathology</i>, 8 (2021) 441</p> <p>ISSN: 2332-287X</p>
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