

Sr. No.	Publication Details (2022)
1	<p>Visualizing the distribution of silicon in different plant parts of finger millet (<i>Eleusine coracana</i> (L) Gaertn) using electron dispersive spectroscopy (EDS) Mundada PS, Nikule HA, Umdale SD, Kumar SA, Barvkar VT, Nikam TD & Ahire ML <i>Vegetos</i>, 35 (2022) 747 ISSN: 2229-4473</p>
2	<p>Eco-friendly synthesis and characterizations of Ag/AgO/Ag₂O nanoparticles using leaf extracts of <i>Solanum elaeagnifolium</i> for antioxidant, anticancer, and DNA cleavage activities Barwant M, Ugale Y, Ghotekar S, Basnet P, Nguyen V, Pansambal S, Ananda Murthy HC, Sillanpaa M, Bilal M, Oza R, Karande V <i>Chemical Papers</i>, 76 (2022) 4309 ISSN: 2585-7290</p>
3	<p>Pharmacological potential of <i>Sargassum</i> sp of west coast of Maharashtra Kunkeshwar, India Abdi G, Karande VC, Mohammed A, Abbasi Tarighat M, Wen Goh K, Abdul Kari Z, Seong Wei L, Ahmad Mohd Zain MR, Mohammadi M, Ee Lee G, Barwant MM <i>Frontiers in Marine Science</i>, 9 (2022) 1 ISSN: 2296-7745</p>
4	<p>Efficient plant regeneration and molecular marker-based genetic integrity analysis of <i>Ceropegia lawii</i> Hook: An endemic and endangered herb Bhamare MR, Thakur HA, Chavan JJ <i>Journal of Applied Biology and Biotechnology</i>, 10 (2022) 95 ISSN: 2347-212X</p>
5	<p>Silicon alleviates PEG-induced osmotic stress in finger millet (<i>Eleusine coracana</i> (L) Gaertn) by regulating membrane damage, osmolytes, and antioxidant defense Mundada PS, Sonawane MM, Shaikh SS, Barvkar VT, Anil Kumar S, Umdale SD, Suprasanna P, Barmukh RB, Nikam TD, Ahire ML <i>Notulae Scientia Biologicae</i>, 14 (2022) 11097 ISSN: 2067-3264</p>
6	<p>Recent advances in nanoparticles towards sustainability and their application in organic transformations in aqueous media Attar SR, Kamble SB <i>Nanoscale</i>, 14 (2022) 16761 ISSN: 2040-3364</p>

7	<p>A Novel Recyclable Bi-Mg-O Composite Nano-Catalyst Promoted Rapid and Efficient Synthesis of Spirooxindole and 4H-Pyran Derivatives</p> <p>Mulik A, Ghanwat V, Hegade P, Mali M, Kim D-Y, Sung Lee D, Shahzad A, Shinde S, Rajmane M <i>Polycyclic Aromatic Compounds</i>, 43 (2022) 6665 ISSN: 1040-6638</p>
8	<p>Clean and Green Approach for Synthesis of Various Derivatives of [1,3]Oxazine in Sustainable Aqueous Hydrotropic Medium</p> <p>Sapkhal A, Attar S, Kadam A, Gaikwad P, Kamble S <i>Polycyclic Aromatic Compounds</i>, 43 (2022) 7719 ISSN: 1040-6638</p>
9	<p>The Eggshell Waste Transformed Green and Efficient Synthesis of K-Ca(OH)₂ Catalyst for Room Temperature Synthesis of Chalcones</p> <p>Tanpure S, Ghanwat V, Shinde B, Tanpure K, Lawande S <i>Polycyclic Aromatic Compounds</i>, 42 (2022) 1322 ISSN: 1040-6638</p>
10	<p>One-drop organocatalyzed multicomponent synthesis of pyrazolo[1,2-b]phthalazine-diones and pyrazolophthalazinyl quinolines</p> <p>Barge M, Rashinkar G, Kanase D, Mohite S & Lohar T <i>Research on Chemical Intermediates</i>, 48 (2022) 5045 ISSN: 1568-5675</p>
11	<p>Fluorescence Enhancement Based Quantification of Human Serum Albumin from Biological Sample Using Indole Based Nanosuspension: Molecular Interactions and Molecular Docking Studies</p> <p>Suryawanshi SB, Desai NK, Bodake AJ, Patil SR <i>Journal of Fluorescence</i>, 32 (2022) 293 ISSN: 1573-4994</p>
12	<p>An aqueous hydrotropic solution as environmentally benign reaction medium for organic transformations: a short review</p> <p>Kamat S, Indi Y, Kumbhar AS, Kamble SB <i>Research on Chemical Intermediates</i>, 48 (2022) 5045 ISSN: 9226-168X</p>
13	<p>Mizoroki-Heck cross-coupling reactions using palladium immobilized on DABCO-functionalized silica</p> <p>Jadhav S, Patil S, Kumbhar A, Kamble S, Salunkhe S <i>Transition Metal Chemistry</i>, 44 (2022) 507 ISSN: 1572-901X</p>

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16	<p>Versatile Three-in-One Single Beam Visible Colorimeter for Undergraduate Chemistry Laboratories Nhivekar GS, Jagdale SR, Kamble SB, Jadhav BT, Kamat RK, Dongale TD <i>Journal of Chemical Education</i>, 99 (2022) 3765 ISSN: 0021-9584</p>
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19	<p>Effective removal of chromium from aqueous solution by adsorption on powdered wool: In-silico studies of adsorption mechanism Khengare NJ, Labade SN, Lalge KM, Patil VS, Khilare CJ, Sawant SS <i>Chemical Data Collections</i>, 41 (2022) 100935 ISSN: 2405-8300</p>
20	<p>Multifunctional Cu₂SnS₃ Nanoparticles with Enhanced Photocatalytic Dye Degradation and Antibacterial Activity Shelke HD, Machale AR, Survase AA, Pathan HM, Rana AHS, Lokhande CD, Lokhande AC, Shaikh SF, Palaniswami M <i>Materials</i>, 15 (2022) 3125 ISSN: 1996-1944</p>
21	<p>Effect of time and temperature on adsorption of persulphate ions for developing 2D nanosheets to 3D microflowers for development of γ nickel hydroxide and its supercapacitor performance Mane DB, Pore OC, Kamble RK, Rupnavar DV, Mujawar SH, Kadam LD, Dhekale RV, Lohar GM <i>Applied Physics A</i>, 128 (2022) 1 ISSN: 0947-8396</p>

22	<p>Influence of hydrothermal temperature on the structural, morphological, optical and photocatalytic properties of ternary Cu₂SnS₃ nanoparticles Machale AR, Shelke HD, Phaltane SA, Kadam LD <i>Chemical Physics Letters</i>, 808 (2022) 140097 ISSN: 0009-2614</p>
23	<p>Hydrothermally Prepared Vanadium Oxide Nanostructures for Photocatalytic Application Kadam PM, Patil PS, Babar BM, Pisal KB, Sutar SH, Mujawar SH, Kadam LD, Pathan HM, Pawar UT <i>ES Energy & Environment</i>, 15 (2022) 82 ISSN: 2578-0654</p>
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28	<p>Structural, morphological and optical attributes of ZnO thin films deposited via spray pyrolysis process: Impact of molarity variation Nikam SV, Jadhav BT, Chivate SM, Nikam SM, Mujawar SH, Torane AP <i>IOP Conf. Series: Materials Science and Engineering</i>, 1258 (2022) 12012 ISSN: 1757-899X</p>
29	<p>Effect of Pd sensitization on gas-sensing performance of vanadium pentoxide-reduced graphene oxide composite Babar BM, Mujawar SH, Mane PV, Kadam PM, Patil PS, Kadam LD <i>Journal of Materials Science: Materials in Electronics</i>, 33 (2022) 19884 ISSN: 0957-4522</p>

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34	<p>Evaluation of Physico Chemical Parameters of Kanher Dam on River Venna in Satara District (Maharashtra) India Shevale UL, Pawar SM <i>Research Journal of Agricultural Sciences An International Journal</i>, 13 (2022) 754 ISSN: 2249-4538</p>
35	<p>Transposing Education To Multimedia Bhambure RV, Jahagirdar G <i>Anvesak</i>, 52 (2022) 59 ISSN: 0378-4568</p>
36	<p>Some results on nonlinear mixed fractional integrodifferential equations Tidke HL, Kharat VV, More GN <i>Journal of Advanced Mathematical Studies</i>, 15 (2022) 274 ISSN: 2065-5851</p>
37	<p>Study of Soil Actinomycetes and Their Antagonistic Activity against Enteric Fever Pathogens Madhale O, Chougule V, Mane U <i>Applied Ecology and Environmental Sciences</i>, 10 (2022) 60 ISSN: 2328-3912</p>

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42	<p>Synthesis, antibacterial activity study of new 3-((5-methoxy-1h- benzo[d]imidazole-2-ylthio)methyl)-2-chloroquinoline derivatives Pokalwar RU, Survase AA, Kadam AD <i>Heterocyclic Letters</i>, 12 (2022) 587 ISSN: 2230-9632</p>
43	<p>Two Warehouse Inventory Model With Uncertain Information For Non-Instantaneous Deteriorating Item Waliv RH, Umap HP <i>International Journal of Agricultural and Statistical Sciences</i>, 5 (2022) ISSN: 0973-1903</p>
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45	<p>Antibacterial potential of elicitor-treated callus cultures of saptarangi (Salacia chinensis L) Chavan JJ, Ghorpade VM, Bhamare MR, Kakulte VR <i>Journal of Information and Computational Science</i>, 12 (2022) 114 ISSN: 1548-7741</p>
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47	<p>Effective Method of Bike Starting Using Keypad for Security against Bike Thefts Gadekar K, Jangam S, Gubbala S, Barakde S, Jadhav BT <i>International Journal for Research in Applied Science and Engineering Technology</i>, 10 (2022) 716 ISSN: 2321-9653</p>
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49	<p>A Pilot Study On Evaluation Of The Individual And Combined Effect Of Shankha Bhasma And Shalmalikantaka Lepa In The Management Of Tarunyapitika Tarapure SR, Patil BP, Patil SP, Nimbale S <i>International Journal of Current Science</i>, 1 (2022) ISSN: 2250-1770</p>
50	<p>A statistical study to evaluate the utilization of e-resources of National Digital Library (NDL) among learners in Maharashtra State, India Nimbale SM, Raut VN, Khobragade AD <i>International Journal of Statistics and Applied Mathematics</i>, 7 (2022) 50 ISSN: 2456-1452</p>
51	<p>Certain Class of Univalent Functions Associated with Mittag-Leffler Functions Joshi SB, Nalavade SS, Joshi SS <i>The Journal of the Indian Academy of Mathematics, Indore</i>, 44 (2022) 145 ISSN: 0970-5120</p>
52	<p>Impact of COVID-19 on Higher Education in India: Challenges and Way Forward Khadke M, Sangvikar B, Jadhav DS, Bhusare S <i>Empirical Economics Letters</i>, 21 (2022) 322 ISSN: 1681 8997</p>
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