

Sr. No.	Publication Details (2024)
1	<p>Heterostructured NiMo-sulfide micro-pillar arrays for advanced alkaline electrocatalytic clean hydrogen production via overall water splitting Mujawar. S.H, Salunke. S.T, Shrestha.N.K, Im.H.Inamdar A.I Applied surface science, 661 (2024) 160081 ISSN: 0169-4332</p>
2	<p>Iron-hydroxide controlled by cobalt and aluminium as an advanced electrocatalysts for overall water splitting and its temperature dependence Salunke.A.S, Deokate R.J,Salunke. S.H. Mujawar. S.H Shrestha. N .K .Im. H. inamdar A.I Journal of Alloys and Compounds,989(2024) ISSN:0925-8388</p>
3	<p>One-Pot Multicomponent Synthesis of Pyrano[2,3-c]pyrazoles Facilitated by Novel Biocatalyst under Ambient Reaction Conditions Kadam.A ,Deshmukh.S,Kamble.S Chemistry Select,9(2024) ISSN:23656549</p>
4	<p>Carbon Quantum dots decorated NiCo layered double hydroxide for electrochemical oxygen evolution reaction and supercapacitor application Wadkar.D. A, Jadhav. K. B, Jituri. S.D, Mujawar. S.H Journal of Material Science:Materials in Electronics, 35(2024) ISSN:0957422</p>
5	<p>Synthesis of 1,8-dioxodecahydroacridines via Hantzsch condensation using theophylline in an aqueous medium:an eco-friendly and bio-based approach Dhane.N.S, Sapkal.A.C, Attar S.R, Dhumal S.M, Chougule G.K, Pawar S.P, Kamble S.B, Gaikwad K.V Research on Chemical Intermediates ,50(2024) ISSN:922-6168</p>

6	<p>Agar Supported NiO NPs: A Sustainable Approach for synthesis of 3,4-dihydropyrimidin-2(1H)-Ones in Aqueous Hydrotropic Media</p> <p>Attar.S.R,Sapkal.A.C Dhane N.S ,Kamble S.B Catalysis Letters,154 (2024) 1160-1172 ISSN:1011372X</p>
7	<p>Facile solvothermal synthesis of Ni-Co MOF/rGO nanoflakes for high performance asymmetric supercapacitor</p> <p>Salunkhe.A.D,Pawar.P.S ,Pagare.P.K ,Torane A.P Electrochimica Acta,477(2024) ISSN:00134686</p>
8	<p>Recent Catalytic Advancements in Organic Transformations Using Biogenically Synthesized Palladium Nanoparticles</p> <p>Dhumal.K, Dateer. R Mali.A Catalysis Letters 154(2024) ISSN:1011372X</p>
9	<p>Nanostructured Iron (III)-Copper(II) Binary Oxide as a Highly Efficient Magnetically Recoverable Nanocatalyst for Facile One-pot Synthesis of 2,4,5-trisubstituted Imidazole and 1,4-dihydro Pyridine Derivatives under Solvent-Free Conditions</p> <p>Gaikwad.D.N Gaikwad.S.T Manjul.R.K Rajbhoj.A.S Suryavanshi.D.M Letters in Organic Chemistry21(2024)687-694 ISSN:1570-1786</p>
10	<p>Recent Advances in Solvent-free Organic Transformation via Iron-doped Nanocatalyst</p> <p>Gaikwad .D.N Gaikwad.S.T Manjul.R.K Rajbhoj.A.S Suryavanshi.D.M Current Organic Chemistry 28(2024)286-297 ISSN:1385-2728</p>
11	<p>Evaluating and Selecting a Supplier in a Healthcare Supply Chain Using the Technique for Order Performance by Similarity to Ideal Solution Under Intuitionistic Fuzzy Environment</p> <p>Bhosale.T ,Umap.H International Journal of Fuzzy Logic and Intelligent Systems.24(2024)19-29 ISSN:1598-2645</p>
12	<p>Evaluation of local finger millet (Eleusine coracana (L.) Gaertn.) landraces for salinity tolerance using growth and biochemical traits at the seedling stage</p> <p>Sumaiya S Shaikh, Nitin T Gore, Ganesh D Mankar, Rajkumar B Barmukh, Pankaj S Mundada, Suraj D Umdale, Mahendra L Ahire Cereal Research Communications ISSN:01333720</p>

13	<p>Biotechnology and urban agriculture: A partnership for the future sustainability Heena Dhar, Swapnil B Kadam, Pankaj S Mundada, SM Shivaraj, Vishal Varshney, Rupesh Deshmukh, Vitthal T Barvkar, Prafull Salvi, Humira Sonah Plant Science338(2024) ISSN:01689452</p>
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15	<p>Cryptovivipary mechanism in the Wild Caper bush Capparis sepiaria (Capparaceae) Vasundhara Khot, Jagdish Dalavi, Jaykumar Chavan, Shankar Shendage Nordic journals of Botany ISSN:0107055X</p>
16	<p>Novel microbial synthesis of rGO nanosheets for effective photocatalytic remediation of Acid Blue 113dye,improved seed germination,antimicrobial and antioxidant application Survase A.A Kanase .S.S Journal of Molecular Structure1302(2024) ISSN:00222860</p>
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19	<p>Insides into the Antioxident and anticancer properties of novel biologically synthesized NiO/Ni2O3 nanoparticles using Sargassum tenerrimum Barwant M.,Karande V.,Basnet P.Kumar D.,Sargazi S.,Mirzaei M.,Jabir M.S.,Sanap D., Ghotekar S. Journal of Sol-Gel Science and Technology,111(2024)409-420</p>

20	<p>La-Fe-O Perovskite Based Gas Sensors:Recent Advances and Future Challenges Patil S.S.,Babar B.M,Nadargi D.Y,Shaikh F.I,Nadargi J.D,Sankapal,B.R,Mulla I.S,Tamboli M.S,Nguyen Truong,N.T.,Survanshi S.S ACS Omega9(2024)29994-30014</p>
21	<p>Unlashing the potential of self assembled binder-free NiCoPd nanosheets for supercapacitor Shinde V.L.,Faras M.M.,Pagare P.K.Torane A.P. Journal of Materials Science:Materials in Electronics,35(2024) ISSN:0957-4522</p>
22	<p>Enhancing Salinity Stress Tolerance in Finger Millet (Eleusine coracana L. (Gaerth.) Through Silicon Supplementation: A Study On Seed Germination, Seeding growth And AntioXidant Response Shaikh S.S,Gore N.T, Mali A. A Umdale S.D., Mundada P.S Barvkar V.T,Ahire M.L Journal of Crop Health ISSN:294826</p>
23	<p>In vitro hepatoprotective lignin Production from Phyllanthus Species Nitnaware K.M.,Nikam T.D,Ahire M.I Shirke H.A Naik A.A. Borde M. y. Nikule H.A Biotechnological Production of bioactive Phytochemicals of medical Value:a Comprehensive Treatise (2024) 527-554 ISSN:978044321817;044321819-4</p>