Research Publication

Sr. No.	Title of paper	Name of the author/s	Department of the teacher	Name of Journal	Year of publication	ISSN number	Link to article / paper / abstract of the article
1	1-Ethyl-3-Methylimidazolium Cyanoborohydride Catalyzed Solvent Free Microwave Assisted One Pot Multicomponent Synthesis of Tetrahydrobenzo[b]Pyran	MANJUL RAJESH K.,GADE VILAS B.,SURYAWANSHI DAYANAND M.,GAIKWAD DHANANJAY N.,RAJBHOJ ANJALI S.,GAIKWAD	Chemistry	Letters in Organic Chemistry	2021	1875-6255	https://www.eurekaselect.com/article/115201
2	1-Ethyl-3-Methylimidazolium Cyanoborohydride Catalyzed Solvent Free Microwave Assisted One Pot Multicomponent Synthesis of Tetrahydrobenzo[b]Pyran Derivatives	MANJUL RAJESH K.,GADE VILAS B.,SURYAWANSHI DAYANAND M.,GAIKWAD DHANANJAY N.,RAJBHOJ ANJALI S.,GAIKWAD SURESH T.	Chemistry	Letters in Organic Chemistry	2021	1875-6255	https://www.eurekaselect.com/article/115201
3	Magnesium Sulphate-Catalyzed Green and Efficient Synthesis of Some New Derivatives of 1-Amido Alkyl Naphthols under Solvent-Free Conditions	Chavhan, Namdeo M.; Bhakare, Sagar D.; Muthe, Rohit C.; Hande, Sayaji Y.; Gandule, Amol S.; Gaikwad, Dhananjay N.; Suryawanshi, Dayanand M.	Chemistry	Letters in Organic Chemistry	2022	1875-6255	https://www.ingentaconnect.com/search?option2=author&value2=Suryawanshi,+Dayanand+M.

4	Magnesium Sulphate-Catalyzed Green and Efficient Synthesis of Some New Derivatives of 1-Amido Alkyl Naphthols under Solvent-Free Conditions	Chavhan, Namdeo M.; Bhakare, Sagar D.; Muthe, Rohit C.; Hande, Sayaji Y.; Gandule, Amol S.; Gaikwad, Dhananjay N.; Suryawanshi, Dayanand M.	Chemistry	Letters in Organic Chemistry	2022	1875-6255	https://www.ingentaconnect.com/search?option2=author&value2=Suryawanshi,+Dayanand+M.
5	Magnesium Sulphate-Catalyzed Green and Efficient Synthesis of Some New Derivatives of 1-Amido Alkyl Naphthols under Solvent-Free Conditions	Chavhan, Namdeo M.; Bhakare, Sagar D.; Muthe, Rohit C.; Hande, Sayaji Y.; Gandule, Amol S.; Gaikwad, Dhananjay N.; Suryawanshi, Dayanand M.	Chemistry	Letters in Organic Chemistry	2022	1875-6255	https://www.ingentaconnect.com/search?option2=author&value2=Suryawanshi,+Dayanand+M.
6	Structural, Electrical and Magnetic Properties of Substituted Pyrochlore Oxides Nanoparticles Synthesized by the Co-Precipitation method	M.B. Khanvilkar, A.K.Nikumbh, S.M. Patange, R.A.Pawar, M.D.Sangale	Chemistry	Physics and Chemistry of Solid State	2021	1729-4428	https://journals.pnu.edu.ua/index.php/pcss/article/view/4876/5530
7	Review on fuzzy water quality index for surface water with artificial neutral network	Sarita Jibhau Wagh, G.M. Ponde, M.D. Sangale	Chemistry	Journal of food, Agriculture & Environment	2022	1459-0263	https://www.wflpublisher.com/admin_1992/pdf/articles/e5.pdf

8	Preparation and Characteisation of Nanosized substituted Perovskite compounds with Orthorhombic Structure	A.B. Khanvilkar, A.K.Nikumbh, R.A. Pawar, N.J.Karale, D.V. Noghot, R.C. Ambare, P.A. Nagwade, M.D. Sangale, G.S. Gugale, S.B.Misal	Chemistry	Physics And Chemistry of Solid State	2021	1729-4428	https://journals.pnu.edu.ua/index.php/pcss/article/view/5071/5843
9	Synthesis and Antibacterial screening of imidazole anchored pyrazolines, benzodiazepines and chromones	Rajendra Deshmukh, Bhausaheb Karale, Nirmala Darekar, Pratibha Randhavane, Hemant kumar Akolkar	Chemistry	Heterocyclic Letters	2022	2230-9632	https://www.heteroletters.org/issue122/Paper-6.pdf
10	Resin loaded palladium nanoparticle catalyst, characterization and application in –C–C– coupling reaction	Shankar R. Thopate	Chemistry	SN Applied Sciences	2020	2076-3417	https://rdcu.be/c4YAD
11	Biosynthesis of silver nanoparticles using leaf and bark extract of indian plant *Carissa carandas* , characterization and antimicrobial activity	Shankar R. Thopate	Chemistry	Asian Journal of Nanoscience and Materials	2020	2645-775X	https://doi.org/10.26655/AJNANOMAT.2020.1.6
12	Silver Nanoparticles Synthesis Using AH Leaf Extract and its antimicrobial Activity	Shankar R. Thopate	Chemistry	Bioinspired, Biomimetic and Nanobiomaterials	2019	2045-9858	https://www.icevirtuallibrary.com/doi/10.1680/jbibn.19.00047

13	N-Benzylation of 6-aminoflavone by reductive amination and efficient access to some novel anticancer agents via topoisomerase II inhibition	Thopate Shankar Ramchandra	Chemistry	Mol Divers	2020	1381-1991	https://link.springer.com/article/10.1007/s11030-020-10079-1
14	Synthesis and evaluation of novel sulfonamide analogues of 6/7-aminoflavones as anticancer agents via topoisomerase II inhibition	Thopate Shankar Ramchandra	Chemistry	Bioorg. Med. Chem. Lett.	2020	0960-894X	https://www.sciencedirect.com/science/article/abs/pii/S0960894X20303516?via%3Dihub
15	A pilot survey of Machine learning Techniques in Smart Grid operations at Power Systems	Mohan Dattu Sangale	Chemistry	European Journal of Molecular & Clinical Medicine	2020	2515-8260	https://ejmcm.com/article_2830_cd27a70a6566dc248aafea75692a1345.pdf
16	Physico-chemical status at Agricultural soil in selected villages in Shrirampur Tahshil. Dist: Ahmednagar, (MS), India	M. D. Sangale	Chemistry	Journal of Information & Computational Science	2020	1548-7741	https://drive.google.com/file/d/1oBw1i3B8cg2aKY-vo7a6Pa4K_EwqiqlD/view
17	Nanostrcutred N doped TiO2 efficient stable catalysts for Kabachnik-Fields reactions under microwave irradiation	Sachun P.Kunde, Pratibha V. Randhavane	Chemistry	RSC. Advances	2020		https://pubs.rsc.org/en/content/articlelanding/2020/ra/d0ra04533k

18	Micro-wave assisted synthesis, characterisation and antibacterial screening of some Pyrazolone Derivatives	Pratibha V. Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2020	0971-1627	https://connectjournals.com/achivestoc2.php?fulltext=3214003H_03_IJHC-3560_355-360.pdf&&bookmark=CJ-001644&&issue_id=03&&yaer=2020
19	Green Synthesis of 4-Methoxybenzalidine thiazole derivatives usings Potassium carbonate as base under ultrasound irradiation	Shankar R.Thopate	Chemistry	Current Chemistry Letters	2019	197-7296	https://www.growingscience.com/ccl/Vol8/ccl_2019_19.pdf
20	Ultrasonically assisted efficient and green protocol for the synthesis of 4H-isoxazol-5-ones using Itaconic acid as homogeneous and resusable organocatalysts	Shankar R.Thopate	Chemistry	Current Organocatalysis	2019	2213-3380	https://www.eurekaselect.com/article/98015
21	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf

22	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
23	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
24	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
25	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf

26	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
27	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. N. Gaikwad, D. M. Suryawanshi, R. K. Manjul, S. D. Bhakare, S. R.Bankar, V. B. Gade and M. D. Sangale	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
28	Synthesis and spectral characterization of tetrahydropyrazolo pyridine analogous by a one -pot tendam MCRs using Zn-O Nanocatalysts	D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/23.D.-M.-Suryawanshi-1.pdf
29	Studies on physico-chemical parameters of Soil from Shrirampur Tahsil area and nearby villages, Ahmednagar District, Maharashtra, India	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikwad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf

30	Studies on physico-chemical parameters of Soil from Shrirampur Tahsil area and nearby villages, Ahmednagar District, Maharashtra, India	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikwad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
31	Studies on physico-chemical parameters of Soil from Shrirampur Tahsil area and nearby villages, Ahmednagar District, Maharashtra, India	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikwad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
32	Studies on physico-chemical parameters of Soil from Shrirampur Tahsil area and nearby villages, Ahmednagar District, Maharashtra, India	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikwad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
33	Synthesis, characterization and antibacterial screening of fluorinated bezofuran containing heterocycles	Randhavane Pratibha Vitthal	Chemistry	Indian Journal of Chemistry	2019	0971-1627	https://www.semanticscholar.org/paper/Synthesis%2C-characterization-and-antibacterial-of-Kundlikar-Randhavane/65372a029b24f18c447545179cb39fd20092c235

34	Microwave assisted synthesis, characterisation and antibacterial screening of some Pyrazolone Derivatives	Pratibha V. Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2020	0971-1627	https://connectjournals.com/achivestoc2.php?fulltext=3214003H_03_IJHC-3560_355-360.pdf&&bookmark=CJ-001644&&issue_id=03&&yaer=2020
35	Synthesis of Novel fused regioisomeric Oxetane Bicycles Via Paterno-Buchi Reactions of L-Ascorbic acids and Evaluation as antiproliferative agents	Shankar R. Thopate	Chemistry	Current Organic Synthesis	2018	1875-6271	https://www.eurekaselect.com/article/92253
36	Synthesis of bis(indolyl)methanes using naturally occurring, biodegradable Itaconic acid as a green and reusable catalyst	Shankar R. Thopate	Chemistry	Current Organic Synthesis	2018	1875-6271	https://www.eurekaselect.com/article/84270
37	Synthesis and Cytotoxic Evaluation of Novel 3-*O* and 2, 3-di-*O* -alkyl derivatives of L-Ascorbic acid	Shankar Ramchandra Thopate	Chemistry	Letters in Organic Chemistry	2018	1875-6255	https://www.eurekaselect.com/article/87772
38	Ultrasonically assisted efficient and green protocol for the synthesis of bisindolylmethanes using malic acid as a homogeneous and reusable organocatalyst	Shankar R. Thopate	Chemistry	Current Green Chemistry	2018	2213-3461	https://www.eurekaselect.com/article/92548

39	Fly ash catalysed microwave assisted multicomonent synthesis of trisubstitued imadazole derivatives	Vilas B. Gade	Chemistry	Current Catalysis	2018	22115455	https://benthamscience.com/article/93132
40	Synthesis and characetrisation of Nanostructured Cu-ZnO: An Efficent catalyst for the preparation of (E)-3-Styrylchromoes	Praribha V. Randhavane	Chemistry	Arabian Journal of Chemistry	2019	1878-5352	https://www.sciencedirect.com/science/article/pii/S1878535216302520?via%3Dihub
41	Synthesis, characterization and antibacterial screening of fluroniated benzofuran containing heterocycles	P. V. Randhavane	Chemistry	Indian Journal of Chemistry	2019	0376-4710	https://www.semanticscholar.org/paper/Synthesis%2C-characterization-and-antibacterial-of-Kundlikar-Randhavane/65372a029b24f18c447545179cb39fd20092c235
42	Synthesis and Characterization of Chlorinated Thiophene Based Flavones	Randhavane Pratibha Vitthal	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
43	Synthesis of Enaminones by Conventional and Microwave Irradiation Methods	RANDHAVANE Pratibha Vitthal	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
44	Iron-Oxide-Cobalt Nanocatalyst for O-tert-Boc Protection and O-Arylation of Phenols	Gade Vilas Bhausaheb	Chemistry	Nanomaterials	2018	2079-4991	https://www.mdpi.com/2079-4991/8/4/246

45	A brief review on microwave assisted synthesis of Pyrazole derivatives	D. M. Suryawanshi	Chemistry	J. Biol. Chem. Chron.	2019	2454-7476	https://www.eresearchco.com/articles/a-brief-review-on-microwave-assisted-synthesis-of-pyrazole-derivatives.pdf
46	DABCO Catalyzed Green and Efficient Synthesis of 2-Amino-4H-Pyrans and Their Biological Evaluation as Antimicrobial and Anticancer Agents	Suryawanshi Dayanand Marutirao	Chemistry	Combinatorial Chemistry & High Throughput Screening	2018	1386-2073	https://www.eurekaselect.com/article/89121
47	Synthesis and spectral characterisation of tetrahydropyrazolo pyridine analogous by a one -pot tandem MCRs using Zn-O Nanocatalysts	D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://www.proquest.com/openview/1bc8d3c82f924de3fc9fc1b0955e69c2/1?pq-origsite=gscholar&cbl=1936342
48	Studies on physico-chemical parametersw of Soil from Shrirampur Tahsil area	Suryawanshi Dayanand Marutirao	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf

49	Nanocat-MgO-ZrO2 Mixed Metal Oxides: A Sustainable Approach towards Solvent- free Synthesis of Benzo-[d]-thiazole Derivatives	S. R. Bankar, R. K. Manjul, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685699_Nanocat-MgO-ZrO2_Mixed_Metal_Oxides_A_Sustainable_Approach_towards_Solvent-free_Synthesis_of_Benzo-d-thiazole_Derivatives
50	Nanocat-MgO-ZrO2 Mixed Metal Oxides: A Sustainable Approach towards Solvent- free Synthesis of Benzo-[d]-thiazole Derivatives	S. R. Bankar, R. K. Manjul, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685699_Nanocat-MgO-ZrO2_Mixed_Metal_Oxides_A_Sustainable_Approach_towards_Solvent-free_Synthesis_of_Benzo-d-thiazole_Derivatives
51	Nanocat-MgO-ZrO2 Mixed Metal Oxides: A Sustainable Approach towards Solvent- free Synthesis of Benzo-[d]-thiazole Derivatives	S. R. Bankar, R. K. Manjul, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685699_Nanocat-MgO-ZrO2_Mixed_Metal_Oxides_A_Sustainable_Approach_towards_Solvent-free_Synthesis_of_Benzo-d-thiazole_Derivatives

52	Practical Synthesis Of N-Protected Heterocycles Using Heterogeneous Metal Oxide Catalyst	R. K. Manjul, D. M. Suryawanshi, A. Z. Pathan, S. R. Bankar	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323958115_Practical_Synthesis_of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst_Practical_Synthesis_Of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst
53	Practical Synthesis Of N-Protected Heterocycles Using Heterogeneous Metal Oxide Catalyst	R. K. Manjul, D. M. Suryawanshi, A. Z. Pathan, S. R. Bankar	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323958115_Practical_Synthesis_of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst_Practical_Synthesis_Of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst

54	Practical Synthesis Of N-Protected Heterocycles Using Heterogeneous Metal Oxide Catalyst	R. K. Manjul, D. M. Suryawanshi, A. Z. Pathan, S. R. Bankar	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323958115_Practical_Synthesis_of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst_Practical_Synthesis_Of_N-Protected_Heterocycles_Using_Heterogeneous_Metal_Oxide_Catalyst
55	Synthesis of 1-(5-bromo-2-hydroxyphenyl)-3-(4-fluorophenyl) Propane-1, 3-Dione with their Metal Complexes Act as Antimicrobial Agents	D. M. Suryawanshi, R. K. Manjul, S. R. Bankar, C. S. Chaudhari, A. Z. Pathan	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685781_Synthesis_of_1-5-bromo-2-hydroxyphenyl-3-4-fluorophenyl_Propane-1_3-Dione_with_their_Metal_Complexes_Act_as_Antimicrobial_Agents
56	Synthesis of 1-(5-bromo-2-hydroxyphenyl)-3-(4-fluorophenyl) Propane-1, 3-Dione with their Metal Complexes Act as Antimicrobial Agents	D. M. Suryawanshi, R. K. Manjul, S. R. Bankar, C. S. Chaudhari, A. Z. Pathan	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685781_Synthesis_of_1-5-bromo-2-hydroxyphenyl-3-4-fluorophenyl_Propane-1_3-Dione_with_their_Metal_Complexes_Act_as_Antimicrobial_Agents

57	Synthesis of 1-(5-bromo-2-hydroxyphenyl)-3-(4-fluorophenyl) Propane-1, 3-Dione with their Metal Complexes Act as Antimicrobial Agents	D. M. Suryawanshi, R. K. Manjul, S. R. Bankar, C. S. Chaudhari, A. Z. Pathan	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685781_Synthesis_of_1-5-bromo-2-hydroxyphenyl-3-4-fluorophenyl_Propane-1_3-Dione_with_their_Metal_Complexes_Act_as_Antimicrobial_Agents
58	Synthesis of 1-(5-bromo-2-hydroxyphenyl)-3-(4-fluorophenyl) Propane-1, 3-Dione with their Metal Complexes Act as Antimicrobial Agents	D. M. Suryawanshi, R. K. Manjul, S. R. Bankar, C. S. Chaudhari, A. Z. Pathan	Chemistry	IJCPS	2018	2319-6602	https://www.researchgate.net/publication/323685781_Synthesis_of_1-5-bromo-2-hydroxyphenyl-3-4-fluorophenyl_Propane-1_3-Dione_with_their_Metal_Complexes_Act_as_Antimicrobial_Agents
59	Synthesis and Characteristic Properties of Perovskite-type NdMnO3 Nanocrystal materials via a Co- Precipitation Method	M. D. Sangale, D. N. Gaikwad, D. V. Sonawane, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.ijcps.org/0Site/SP12/707_pdf.pdf#:~:text=The%20synthesis%20of%20well-dispersed%20NdMnO3%20nanocrystals%20is%20developed,be%20also%20applied%20to%20synthesize%20other%20metal%20oxides.

60	Synthesis and Characteristic Properties of Perovskite-type NdMnO3 Nanocrystal materials via a Co- Precipitation Method	M. D. Sangale, D. N. Gaikwad, D. V. Sonawane, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.ijcps.org/0Site/SP12/707_pdf.pdf#:~:text=The%20synthesis%20of%20well-dispersed%20NdMnO3%20nanocrystals%20is%20developed,be%20also%20applied%20to%20synthesize%20other%20metal%20oxides.
61	Synthesis and Characteristic Properties of Perovskite-type NdMnO3 Nanocrystal materials via a Co- Precipitation Method	M. D. Sangale, D. N. Gaikwad, D. V. Sonawane, D. M. Suryawanshi	Chemistry	IJCPS	2018	2319-6602	https://www.ijcps.org/0Site/SP12/707_pdf.pdf#:~:text=The%20synthesis%20of%20well-dispersed%20NdMnO3%20nanocrystals%20is%20developed,be%20also%20applied%20to%20synthesize%20other%20metal%20oxides.
62	Studies on Physicochemical Parameters of Soil from Shrirampur Tehsil Area and Nearby Villages, Ahmednagar District, Maharashtra, India.	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikawad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf

63	Studies on Physicochemical Parameters of Soil from Shrirampur Tehsil Area and Nearby Villages, Ahmednagar District, Maharashtra, India.	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikawad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
64	Studies on Physicochemical Parameters of Soil from Shrirampur Tehsil Area and Nearby Villages, Ahmednagar District, Maharashtra, India.	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikawad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
65	Studies on Physicochemical Parameters of Soil from Shrirampur Tehsil Area and Nearby Villages, Ahmednagar District, Maharashtra, India.	R. R. Pawar, M. D. Sangale, D. N. Gaikwad, S. S. Gaikawad, D. M. Suryawanshi	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
66	Synthesis and Spectral Analysis of Some Representative Pyrazoline Derivatives	Bhakare S. D., D. N. Gaikwad, Manjul R. K., Gade V. B., Jopale M. K. and Chavhan N. M	Chemistry	J. Biol. Chem. Chron.	2019	2454 – 7468	https://www.eresearchco.com/articles/synthesis-and-spectral-analysis-of-some-representative-pyrazoline-derivatives.pdf

67	Synthesis and Spectral Analysis of Some Representative Pyrazoline Derivatives	Bhakare S. D., D. N. Gaikwad, Manjul R. K., Gade V. B., Jopale M. K. and Chavhan N. M	Chemistry	J. Biol. Chem. Chron.	2019	2454 – 7468	https://www.eresearchco.com/articles/synthesis-and-spectral-analysis-of-some-representative-pyrazoline-derivatives.pdf
68	Synthesis and Spectral Analysis of Some Representative Pyrazoline Derivatives	Bhakare S. D., D. N. Gaikwad, Manjul R. K., Gade V. B., Jopale M. K. and Chavhan N. M	Chemistry	J. Biol. Chem. Chron.	2019	2454 – 7468	https://www.eresearchco.com/articles/synthesis-and-spectral-analysis-of-some-representative-pyrazoline-derivatives.pdf
69	Synthesis and Spectral Analysis of Some Representative Pyrazoline Derivatives	Bhakare S. D., D. N. Gaikwad, Manjul R. K., Gade V. B., Jopale M. K. and Chavhan N. M	Chemistry	J. Biol. Chem. Chron.	2019	2454 – 7468	https://www.eresearchco.com/articles/synthesis-and-spectral-analysis-of-some-representative-pyrazoline-derivatives.pdf
70	Synthesis and Spectral Analysis of Some Representative Pyrazoline Derivatives	Bhakare S. D., D. N. Gaikwad, Manjul R. K., Gade V. B., Jopale M. K. and Chavhan N. M	Chemistry	J. Biol. Chem. Chron.	2019	2454 – 7468	https://www.eresearchco.com/articles/synthesis-and-spectral-analysis-of-some-representative-pyrazoline-derivatives.pdf
71	Green synthesis, Characterization of Derivatives of 1, 1’-binaphthalene]-2, 2’-diol	Gaikwad Dhananjay Nanaji	Chemistry	IJCPS JOURNAL	2018	2319-6602	http://ijcps.org/admin/php/uploads/587_pdf.pdf

72	One Pot Synthesis 1,4 Dihydropyridines Catalyzed by Cu-doped ZnO Nanocatalyst	R.K.Manjul	Chemistry	International Journal of Chemical and Physical Sciences (IJCPS)	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
73	One Pot Synthesis 1,4 Dihydropyridines Catalyzed by Cu-doped ZnO Nanocatalyst	D. N. GAIKWAD	Chemistry	International Journal of Chemical and Physical Sciences (IJCPS)	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
74	One Pot Synthesis 1,4 Dihydropyridines Catalyzed by Cu-doped ZnO Nanocatalyst	D. M. Suryawanshi	Chemistry	International Journal of Chemical and Physical Sciences (IJCPS)	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
75	One Pot Synthesis 1,4 Dihydropyridines Catalyzed by Cu-doped ZnO Nanocatalyst	M. D. Sangale	Chemistry	International Journal of Chemical and Physical Sciences (IJCPS)	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf
76	Synthesis and Characterization of MgO Nanoparticles by Using Sol-Gel Method	Gaikwad Dhananjay Nanaji	Chemistry	IJCPS JOURNAL	2018	2319-6602	http://www.ijcps.org/admin/php/uploads/613_pdf.pdf
77	Environmentally Benign Synthesis and Characterization of Some Novel Pyridine anchored Triazole Derivatives	Gaikwad Dhananjay Nanaji	Chemistry	IJCPS JOURNAL	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_70cde14c45a640908932645d65ea07ad.pdf

78	Applicability of Magnetically Recyclable Ferrite-L-Cysteine Nanocatalyst for the Green Synthesis of Quinoline and Pyrazole Derivatives Under Microwave Irradiation	Bankar Swapnil Revnath	Chemistry	Current Catalysis	2018	2211-5455	https://www.eurekaselect.com/article/84883
79	Nanomagnetite-supported molybdenum oxide (nanocat- Fe-Mo): an efficient green catalyst for multicomponent synthesis of amidoalkyl naphthols	Bankar Swapnil Revnath	Chemistry	Research on Chemical Intermediate	2018	0922-6168	https://link.springer.com/article/10.1007/s11164-018-3321-4
80	Synthesis of 1-(5-bromo-2hydroxyphenyl)3-(4-fluorophenyl)propane-1,3-dione with their metal complexes at as antimicrobial agents	Chaudhari Chandrakant Sopan	Chemistry	IJCPS	2018	- / 2319-6602	https://www.researchgate.net/publication/323685781_Synthesis_of_1-5-bromo-2-hydroxyphenyl-3-4-fluorophenyl_Propane-1_3-Dione_with_their_Metal_Complexes_Act_as_Antimicrobial_Agents
81	Micelle catalysed Synthesis of 3-Methyl-4-arylmethylene-isoxazole-5(4H)-ones in aqueous media: A green approches	Balu V. Pawar1* and Sanjay S. Gaikwad2	Chemistry	International Journal of Scientific Research and Reviews	2019	2279-0543	file:///C:/Users/Rayat/Downloads/pdf_2492-1.pdf

82	Synthesis of various substituted benzimidazole derivatives using various solvents used for reaction	Arun K. Deshmukh1 , Sanjay S. Gaikwad1 , Dattatraya N. Pansare2 , Rohini N. Shelke2 Charansigh H. Gill3	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/11.Arun-K.-Deshmukh-Sanjay-S.-Gaikwad-Dattatraya-N.-Pansare-Rohini-N.-Shelke-Charansigh-H.-Gill-1.pdf
83	Studies on Physicochemical Parameters of Soil from Shrirampur Tehsil Area and Nearby Villages, Ahmednagar District, Maharashtra, India.	R. R. Pawar1, M. D. Sangale1* , D. N. Gaikwad2 , S. S. Gaikawad3 , D. M. Suryawanshi3	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/9.R.-R.-Pawar-M.-D.-Sangale-D.-N.-Gaikwad-S.-S.-Gaikawad-D.-M.-Suryawanshi-1.pdf
84	Synthesis of some benzothiazole derivatives by using zinc oxide nanoparticles.	Arun K. Deshmukh1 , Sanjay S. Gaikwad1 , Dattatraya N. Pansare2 , Rohini N. Shelke2 ,Charansingh H. Gill3	Chemistry	Current Pharma Research	2019	2230-7842	https://jcpr.humanjournals.com/wp-content/uploads/2021/02/12.Arun-K.-Deshmukh-Sanjay-S.-Gaikwad-Dattatraya-N.-Pansare-Rohini-N.-Shelke-Charansingh-H.-Gill-1.pdf
85	Study Physico chemical parameters of soil in Shrirampuir Tehsil Area and Nearby Villeges (M.S)	Reuka R.Pawar, Mohan D.Sangale	Chemistry	Journal of Biological and Chemical Chronicle	2019	2454-7476	https://www.eresearchco.com/articles/study-physicho-chemical-parameters-of-soil-in-shrirampur-tehsil-area-and-nearby-villages-ms.pdf

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87	Iron-Oxide-Supported Ultrasmall ZnO Nanoparticles: Application for Transesterification, Amidation, and O-Acylation Reactions	Gade Vilas Bhausaheb	Chemistry	ACS Sustainable Chemistry & Engineering	2017	2168-0485	https://pubs.acs.org/doi/full/10.1021/acssuschemeng.6b03167
88	Iron-Oxide-Cobalt Nanocatalyst for O-tert-Boc Protection and O-Arylation of Phenols	Gade Vilas Bhausaheb	Chemistry	Nanomaterials	2018	2079-4991	file:///C:/Users/Rayat/Downloads/nanomaterials-08-00246.pdf
89	Synthesis, spectral characterization, molecular docking, antimicrobial and antioxidants evaluaion of pharmacophore 1,3-diones with their transition metal complexes	Suryawanshi Dayanand Marutirao	Chemistry	IJSRST	2017	2395-602X	https://1library.net/document/qmo37k5y-synthesis-characterization-molecular-antimicrobial-antioxidant-evaluation-pharmacophores-transition.html
90	Synthesis, Spectroscopic characterization and Antimicrobial activity of selected transition Metal (II) Complexes using Salicyaldehyde and 4-methoxyaniline moiety,	Suryawanshi Dayanand Marutirao	Chemistry	J.Chem.Bio.Phy.Sci	2017	2249-1929	http://www.jcbsc.org/issue-old/a/7/2

91	Study of Molar refraction and polarizability constant of aqueos solutions of KNO3 AND KBrO3 at diferent temperatures	Arun Babulal Nikumbh	Chemistry	International Journal of Advanced Research (IJAR)	2017	2320-5407	http://www.journalijar.com/article/16764/study-of-molar-refraction-and-polarizability-constant-of-aqueous-solutions-of-kno3-and-kbro3-at-different-temperatures./
92	Synthesis of some Fluorinated Aurones and Chromones	Pratibha Vitthal Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2017	2456-4311	https://www.connectjournals.com/file_html_pdf/2785904H_373-376a.pdf
93	Synthesis of Some Multihalogenated Pyrazolyl Benzofurans and Benzoxazole	Pratibha Vitthal Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2017	2456-4311	https://www.connectjournals.com/file_html_pdf/2787504H_477-481a.pdf
94	Synthesis and biological screening of some new thiophene and pyrazole containing styrylchromes and pyrazoles	Pratibha Vitthal Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2017	2456-4311	https://connectjournals.com/achivestoc2.php?fulltext=2725001H_89-97.pdf&&bookmark=CJ-001644&&issue_id=01&&yaer=2017
95	Synthesis and biological screening of some novel thiophene anchored heterocycles	Pratibha Vitthal Randhavane	Chemistry	Indian Journal of Heterocyclic Chemistry	2017	2456-4311	https://connectjournals.com/achivestoc2.php?fulltext=2726502H_179-187.pdf&&bookmark=CJ-001644&&issue_id=02&&yaer=2017
96	Effect of Cd-doping on the catalytic activity of ZnO nanoflakes in the synthesis of benzimidazoles	Pratibha Vitthal Randhavane	Chemistry	Research Chemical Intermediates	2017	0922-6168	https://link.springer.com/article/10.1007/s11164-017-3074-5

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98	A Simple Protocol for Oxidative Decarboxylation of Phenyl Acetic Acid using Oxone and Iodobenzene	K. A. SASANE, N. A. SASANE, S. S. GAIKWAD	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf
99	Facile and Low Cost Synthesis of Iron Oxide Nanoparticle by Precipitation Method	D. N. GAIKWAD, D. V. SONAVANE, A. A. KALE, S.S. GAIKWAD, R.K. MANJUL	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf
100	Green Approches towards Baylis Hillman Reactions using griding techniques	B.V.Pawar, S.S. Gaikwad	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf
101	Environmentally Benign Synthesis and Characterization of Some Novel Pyridine anchored Triazole Derivatives	S.S.Gaikwad, B.V. Pawar, M.D. Sangale, A,K,Deshmukh, D.N.Gaikwad, D.V. Sonawane, A.A. Kale	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf
102	Green Synthesis , Characterisation of derivatives of 1,1-binaphthalene) 2-2-diol	A.A. Kale, D.N.Gaikwad, D.V. Sonawane, D.B.Bankar, S.S.Gaikwad, S.T.Shinde	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf

103	Synthesis and Characterization of MgO Nanoparticles by Using Sol-Gel Method	D. V. SONAWANE, M. D. SANGALE, D. N. GAIKWAD, S. S. GAIKWAD, A.A. KALE and S. R. KUCHEKAR	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ssgmcollege.org/_files/ugd/28cc76_7e540bc5267c4d02abf5cdee3c1eb071.pdf
104	Synthesis and characterization of Zinc Maleate Dihydrate and its thermal decomposition by the study of direct Current Electrical Conductivity	M. D. Sangale, D. N. Gaikwad, D. V. Sonavane, S. S. Gaikwad	Chemistry	IJRST	2018	2395-602X	https://ijsrst.com/paper/1718.pdf
105	Synthesis and Characterization of Some Biologically Potent 2-(2-butyl-4-chloro-1H-imidazol-5-yl)-4H-chromen-4-onederivatives.	S. S. Gaikwad, M. D. Sangale, D. V. Sonawane, D. N. Gaikwad, Y. V. Bare	Chemistry	IJRST	2018	2395-602X	https://ijsrst.com/paper/1727.pdf
106	Physico-Chemical cum Biological Characteristics & Water Quality Index (WQI) of Dimbhe Dam in Pune District, Maharashtra State, India	D. V. Sonawane, D. N. Gaikwad, S. S. Gaikwad, B. K. Jorvekar	Chemistry	IJRST	2018	2395-602X	https://ijsrst.com/paper/1726.pdf
107	Synthesis, Characterization and in vitro Antibacterial Studies of 1, 3-Diones with their Metal Complexes bearing Potential O, Opharmacophores Sites	D.M. Suryawanshi, A. A. Agale, A.S. Rajbhoj, S.T. Gaikwad	Chemistry	International Journal of Chemical and Physical Sciences	2018	2319-6602	https://www.ijcps.org/0Site/SP12/711_pdf.pdf

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