

Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years								
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal / Digital Object Identifier (doi) number		
						Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
Thermal performance of a line focus fresnel lens solar concentrator suturem for generation of low pressure steam	Dr. Kakasaheb Mohite	Physics	International journal of a energy engineering	2022 -2023	20089163	http://www.sapub.org/journal/aimsandsonce.aspx?journalid=1005	http://article.sapub.org/10.5923.j.ijee.20221201.02.html#:~:stx=The%20thermal%20performance%20of%20F.L.S.C.%20system%20has%20been%20compared%20with%20steam%20and%20the%20industrial%20applications.	-
Hydrothermally synthesized Ni3V2O8 Nanoparticle with honey surfaces for HER and supercapacitor application	Dr. Dattatraya Bobade	Physics	Material Letters	2022 -2023	134033	https://www.sciencedirect.com/journal/materials-letters	https://www.sciencedirect.com/science/article/abs/pii/S0167577X23002185	-
Developing an Indian Framework for enhancing smartphone users cyber security behaviours	Prof. Amol Sathe	B.Sc. (CS)	Madhya pradesh Journal of Social Sciences	2022 -2023	0973-855X	https://ugccare.unipune.ac.in/Apps/UseWebA/ViewDetails?journalid=101051171&flag=Search	https://www.researchgate.net/profile/Dr-Pote/publication/369334499_DEVELOPMENT_OF_A_FRAMEWORK_FOR_ENHANCING_CYBER_SECURITY_BEHAVIOUR_OF_SMARTPHONE_USERS_IN_INDIA/links/64156e492c4c4f041c7a9/DEVELOPMENT-OF-A-FRAMEWORK-FOR-ENHANCING-CYBER-SECURITY-BEHAVIOUR-OF-SMARTPHONE-USERS-IN-INDIA.pdf	-
Enhanced photoresponse of Cu2ZnSnS4 absorber thin films fabricated using multi-metallic stacked nanolayers	Dr. Subhash Pandharkar	Physics	RSC advances	2022 -2023	2046-2069	https://mjcl.clarivate.com/journal-profile	https://pubs.rsc.org/en/content/articlehtml/2023/ra/d3ra0978e	-
Wild Banana 9Genus Ensete) - an underutilized plant as a source of Food, fodder,fibre and Medicine and need for biotechnoloical interventions	Dr.Vikas Naikawadi	Botany	Crop and Pasture Science	2022 -2023	1836-5795	https://mjcl.clarivate.com/journal-profile	https://www.researchgate.net/publication/362322592_Wild_banana_genus_Ensete_-_an_underutilised_plant_as_source_of_food_fodder_fibre_and_medicine_and_need_for_biotechnological_interventions	-
Highly stable few-Layered Mo2C-rGO Nanosheets as an Ultra-high Capacity Anode Material for Lithium Ion Battery	Dr. Yogesh Sethi	Chemistry	Chemistry Select	2022 -2023	https://doi.org/10.1002/slct.202104252	https://chemistry-europe.onlinelibrary.wiley.com/journal/23656549	https://doi.org/10.1002/slct.202104252	Yes
Multi-layered Vanadium Carbide-Reduced Graphene Oxide (VC@rGO) Nanocomposite as an Ultra high-Capacity Anode Material for Li and Na-ion Batteries	Dr. Yogesh Sethi,	Chemistry	ACS Applied Energy Materials	2022 -2023	https://pubs.acs.org/doi/abs/10.1021/acsami.1c03496	https://pubs.acs.org/journal/aaemcq	https://pubs.acs.org/doi/abs/10.1021/acsami.1c03496	Yes
Error estimates of fictitious domain method with an H 1	Prof. Swapnil Kale	Mathematics	Computational and Applied Mathematics	2022 -2023	2238-3603	https://www.springer.com/journal/40314	https://doi.org/10.1007/s40314-021-01731-z	Yes
An augmented interface approach in fictitious domain methods	Prof. Swapnil Kale	Mathematics	Computers and Mathematics with Applications	2022 -2023	0898-1221	https://www.sciencedirect.com/journal/computers-and-mathematics-with-applications	https://doi.org/10.1016/j.camwa.2022.09.001	Yes
Influence of chemical bath deposition temperatures on cadmium sulphid thin film photosensor applications	Dr. Kakasaheb Mohite	Physics	Engineered science publisher	2022 -2023	25769898	https://www.espublisher.com/	https://www.espublisher.com/journals/articledetails/819	-
CdS decorated MnWO4 nanorod nanoheterostructures: a new 0D-1D hybrid system for enhanced photocatalytic hydrogen production under natural sunlight	Dr. Yogesh A Sethi	Chemistry	Nanoscale Advances	2021-2022	https://doi.org/10.1039/D0NA00843E	https://www.rsc.org/journals-books-databases/about-journals/nanoscale-advances/	https://pubs.rsc.org/en/content/articlehtml/2021/na/d0na00843e	Yes
A nanostructured SnO2/Ni/CNT composite as an anode for Li ion batteries	Dr. Yogesh A Sethi	Chemistry	RSC Advances	2021-2022	https://doi.org/10.1039/D1RA01678D	https://pubs.rsc.org/en/journals/journalissues/ra#iisswid:ra01204?types=current&issn=online:2046-2069	https://pubs.rsc.org/en/content/articlehtml/2021/ra/d1ra01678d	Yes
Indium-doped ZnO as efficient photosensitive material for sunlight driven hydrogen generation and DSSC Applications: Integrated experimental and computational approach	Dr. Yogesh Sethi	Chemistry	Journal of Solid State Electrochemistry	2021-2022	25, 2279-2292 (2021)	https://www.springer.com/journal/10008	https://link.springer.com/article/10.1007/s10008-021-04999-z	Yes
Relavance of contemporary indian philosophy in Management with special reference to swami vivekananda, mahatma gandhi and J. Krishnamurty	Dr. Sunil Bhoite	Psychologi and Logic	Journal of Education Ravindra Bharti University	2021-2022	0972-7175	https://rbu.ac.in/home/page/103	file:///C:/Users/Sai/Downloads/Dr_Sunil_Babnarao_Bhoite%20(1).pdf	Yes

study of intermolecular interaction of allyl bromide with acetone through dielectric and thermodynamic properties	Dr. Siddharth Kamble	Physics	International journal of research in science	2021-2022	2581-9431	https://www.ijarst.com/	https://www.ijarst.co.in/Paper4940.pdf	-
Facile synthesis of SnO ₂ @carbon nanocomposite for lithium ion battery	Dr. Yogesh Sethi	Chemistry	New Journal of Chemistry	2020-2021		https://pubs.rsc.org/en/journals/journalissues/nj#recentarticles&adv	https://pubs.rsc.org/en/content/articlelanding/2020/ni/c9ni06110/umauth	Yes
A hierarchical SnS@ ZnIn ₂ S ₄ marigold flower-like 2D nano-heterostructures as an efficient Photocatalysts for Sunlight-driven hydrogen generation	Dr. Yogesh Sethi	Chemistry	Nanoscale Advances	2020-2021	https://doi.org/10.1039/D0NA00175A	https://www.rsc.org/journals-books-databases/about-journals/nanoscale-advances/	https://pubs.rsc.org/en/content/articlehtml/2020/na/d0na00175a	Yes
Facile Template Free Approach for the Large Scale Solid Phase Synthesis of Nanocrystalline XIn ₂ S ₄ (X= Cd/Zn) and its Photocatalytic Performance for H ₂ Evolution.	Dr. Yogesh Sethi	Chemistry	New Journal of Chemistry	2020-2021	https://doi.org/10.1039/D0N01323D	https://pubs.rsc.org/en/journals/journalissues/nj#recentarticles&	https://pubs.rsc.org/en/content/articlelanding/2020/ni/d0ni01323d/umauth	Yes
Structural, optical and magnetic properties of Co doped CuO nano-particles by sol-gel auto combustion technique	Dr.Siddharth kamble	Physics	solid state sciences	2020-2021	12932558	https://www.sciencedirect.com/journal/solid-state-sciences	https://www.sciencedirect.com/science/article/abs/pii/S129325581930576X?via=ihuh	Yes
Synthesis, characterization, and photoelectrochemical performance of nanocrystalline ternary Mo _x Bi(2-x)Se ₃ mixed metal chalcogenide thin films	Dr. Satish Patil	Chemistry	J Mater Sci: Mater Electron	2020-2021	0957-4522	https://www.springer.com/journal/10854	https://link.springer.com/article/10.1007/s2Fs12648-020-04363-x	Yes
Effect of Tb ³⁺ substitution on structural, optical and magnetic properties of NiCuZnFe ₂ O ₄ prepared by sol-gel route	Prof. Vidyadhar Awati	Physics	Indian Journal of Physics	2020-2021	0973-1458	https://www.springer.com/journal/12648	https://link.springer.com/article/10.1007/s2Fs12648-020-01955-5	Yes
Effect of Tb ³⁺ substitution on structural, optical and magnetic properties of NiCuZnFe ₂ O ₄ prepared by sol-gel route	Dr. Dattatray Bobade	Physics	Indian Journal of Physics	2020-2021	0973-1458	https://www.springer.com/journal/12648	https://link.springer.com/article/10.1007/s2Fs12648-020-01955-5	Yes
Effect of Tb ³⁺ substitution on structural, optical and magnetic properties of NiCuZnFe ₂ O ₄ prepared by sol-gel route	Prof. Kiran Badve	Chemistry	Indian Journal of Physics	2020-2021	0973-1458	https://www.springer.com/journal/12648	https://link.springer.com/article/10.1007/s2Fs12648-020-01955-5	Yes
TOXICITY STUDY OF CORIANDRUM SATIVUM LINN	Dr. Popat Virkar	chemistry	International Journal of pharmaceutical sciences	2020-2021	2319-5878	https://ijimpronline.com/author-instruction	https://ijimpronline.com/home/article_abstract/393	Yes
Optimisation of Lactic Acid Fermentation	Dr. Popat Virkar	chemistry	DER PHARMA CHEMICA	2020-2021	0975-413X	https://www.derpharmachemica.com/	https://www.derpharmachemica.com/pharmachemica/optimisation-of-lactic-acid-fermentation-64405.html	NO
INCIDENCE OF THE MYCOENDOPHYTES FROM CATHERANTHUS ROSEUS – AN ANTICANCER PLANT FROM MAHARASHTRA	Dr. Narayan Ghangaonkar	Botany	Paripex –Indian Journal of research,	2020-2021	2250 – 1991	https://www.worldwidejournals.com/paripex/	https://www.worldwidejournals.com/paripex/article/incidence-of-the-mycorrhizal-fungi-in-catheranthus-roseus-an-anticancer-plant-from-maharashtra/MTM3MTk=/	Yes
PROTEASE PRODUCTION IN TOMATO FUNGI IN RELATION TO DIFFERENT CULTURE MEDIA AND AMINO ACIDS	Dr. Narayan Ghangaonkar	Botany	Paripex –Indian Journal of research,	2020-2021	2250 – 1991	https://www.worldwidejournals.com/paripex/	https://www.worldwidejournals.com/paripex/article/protease-production-in-tomato-fungi-in-relation-to-different-culture-media-and-amino-acids/MTM4MzI=/	Yes
STUDY OF FUNGAL ENDOPHYTES FROM PLANTS WITH ANTIOXIDANT PROPERTIES USING FOLDSCOPE	Dr. Narayan Ghangaonkar	Botany	Journal of emerging technologies and innovative research	2020-2021	2349-5162	http://www.jetir.org/	https://www.jetir.org/papers/JETIR2003084.pdf	Yes
INFLUENCE OF SUPPLEMENTATION OF CARBOHYDRATES AND NITROGEN SOURCES ON PROTEASE PRODUCTION IN SOME TOMATO FUNGI	Dr. Narayan Ghangaonkar	Botany	Global Journal for research analysis	2020-2021	2277 - 8160	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/	https://www.worldwidejournals.com/global-journal-for-research-analysis-GJRA/article/influence-of-supplementation-of-carbohydrates-and-nitrogen-sources-on-protease-production-in-some-tomato-fungi/MTU1NDIzZjIse1	Yes
strategies for healthy seedling development in Boswellia serrata Roxb	Dr.Sandip Devikar	Botany	Royal	2020-2021	2278-8158			Yes
EFFICACY OF MYCOENDOPHYTES FROM BACOPA MONNIERI L. FOR HEAVY METAL TOLERANCE	Dr. Narayan Ghangaonkar	Botany	Indian journal of applied research	2020-2021	2249 - 555X	https://www.worldwidejournals.com/indian-journal-of-applied-research-IJAR/	https://www.worldwidejournals.com/indian-journal-of-applied-research-IJAR/article/efficacy-of-mycorrhizal-fungi-from-bacopa-monnieri-l-for-heavy-metal-tolerance/MTA0NiAe7ise1&h1=17&k=5	Yes
Embryonic Callus induction of lobelia nicotianifolia roth : a medicinal wild tobacco	Dr.Vikas Naikawadi	Botany	Journal of engineering technologies and innovative research	2020-2021	2349-5162	https://www.jetir.org/	https://www.jetir.org/papers/JETIR2012410.pdf	-
Genetic Engineering in Safflower (Carthamus tinctorius L.): Retrospect and Prospect	Dr.Vikas Naikawadi	Botany	© Springer Nature Singapore Pte Ltd. 2021	2020-2021	200-226	https://link.springer.com/book/10.1007/978-981-15-5897-9	https://link.springer.com/chapter/10.1007/978-981-15-5897-9_10	-

dalit v gramin kadambaritil samybhed	Dr. Rajbhau Bhailume	Marathi	bhartati rastly aregta dhornache mulyamappan	2020-2021	2582-1865	Print version	-	-
A PILOT STUDY OF TROPOSPHERIC OZONE CONCENTRATION OVER PUNE BY USING EVA SPECTROMETER	Dr. Dattatraya Bobade	Physics	International Journal of Engineering, Science and	2020-2021	2320-0294	https://www.ijesm.co.in/	https://www.indianjournals.com/ijor.aspx?target=ijor:ijesm&volume=9&issue=11&article=002	NO
Facile synthesis of hollow Urchin - like nb2o5 nanostructure and their performance in dye - sensitized solar cell	Dr. Kakasaheb Mohite	Physics	Journal of Solid State Electrochemistry	2019-2020	14328488	https://link.springer.com/article/10.1007/s10008-019-04481-5	https://link.springer.com/article/10.1007/s10008-019-04481-5	Yes
Roll of the CdS/Zns core / shell quantum dots in the thin film lead - free perovskite solar cell	Dr. Kakasaheb Mohite	Physics	Bugarian chemical communications	2019-2020	3241130	http://www.bcc-bas.bg/	http://www.bcc-bas.bg/BCC_Volumes/Volume_52_Special_C_2020/52C_VN_Pages.65-71.pdf	Yes
Electroplated co3o4 selective coatings for high temperature solar thermal applications	Dr. Kakasaheb Mohite	Physics	Bulletin of material science	2019-2020	250470	https://www.springer.com/journal/12034	https://www.springer.com/journal/12034	Yes
Dalit literature in maharashtra scope for the research	Dr. Suraj Savant	English	Studies in indian place names	2019-2020	2394-3114	https://www.tpsindia.org/index.php/sign	file:///C:/Users/sai/Downloads/20358-21248-1-PB.pdf	Yes
In situ preparation of CdS decorated ZnWO4 nanorods for enhanced photocatalytic Hydrogen generation and RhB degradation under natural sunlight	Dr. Yogesh Sethi	Chemistry	Sustainable Energy & Fuels	2019-2020	https://doi.org/10.1039/C9SE00632E	https://pubs.rsc.org/en/journals/journalissues/ra#issueid=ra013047&type=current&issn=online:2046-2069	https://pubs.rsc.org/en/content/articlelanding/2019/se/c9se00632e/umauth	Yes
ZnO@Sn3O4 nanostructure as highly efficient Photocatalysts for enhanced Hydrogen Generation under Natural Sunlight	Dr. Yogesh Sethi	Chemistry	RSC Advances	2019-2020	https://doi.org/10.1039/C9RA00738A	https://pubs.rsc.org/en/journals/journalissues/ra#issueid=ra013047&type=current&issn=online:2046-2069	https://pubs.rsc.org/en/content/articlehtml/2019/ra/c9ra00738a	Yes
Sn3O4 microballs as highly efficient Photocatalysts for hydrogen generation and degradation of phenol under solar light irradiation	Dr. Yogesh Sethi	Chemistry	Materials Chemistry and Physics	2019-2020	https://doi.org/10.1016/j.materchemphys.2018.08.032	https://www.sciencedirect.com/journal/materials-chemistry-and-physics	https://www.sciencedirect.com/science/article/abs/pii/S0254058418306977	Yes
Lignin-Mediated Biosynthesis of ZnO and TiO2 Nanocomposites for Enhanced Antimicrobial Activity	Dr. Yogesh Sethi	Chemistry	Journal of Composites Science	2019-2020	https://www.mdpi.com/2504-477X/3/3/90	https://www.mdpi.com/journal/jcs	https://www.mdpi.com/2504-477X/3/3/90	Yes
Bismuth molybdate (α-Bi2Mo3O12) nanoplates via facile hydrothermal and its gas sensing study	Dr. Yogesh Sethi	Chemistry	Journal of Solid State Chemistry	2019-2020	https://www.sciencedirect.com/science/article/abs/pii/S0022459619305481	https://www.sciencedirect.com/journal/journal-of-solid-state-chemistry	https://www.sciencedirect.com/science/article/abs/pii/S0022459619305481	Yes
Micro Flowers of SrS/Bi2S3 Nanocomposites and Its Field Emission Properties	Dr. Yogesh Sethi	Chemistry	Journal of Composites Science	2018-2019	https://doi.org/10.3390/jcs3040105	https://www.mdpi.com/journal/jcs	https://www.mdpi.com/2504-477X/3/4/105	Yes
3D Hierarchical heterostructures of Bi2W1-xMoxO 6 with enhanced oxygen evolution reaction from water under natural sunlight	Dr. Yogesh Sethi	Chemistry	New Journal of Chemistry	2018-2019	https://doi.org/10.1039/C8NJ03304H	https://pubs.rsc.org/en/journals/journalissues/nj#recentarticles&adv	https://pubs.rsc.org/en/content/articlelanding/2018/nj/c8nj03304h/umauth	Yes
Correction: Unique perforated graphene derived from Bougainvillea flowers for high-power supercapacitors: a green approach	Dr. Yogesh Sethi	Chemistry	Nanoscale	2018-2019	https://pubs.rsc.org/en/content/articlepdf/2018/nr/c8nr02411k	https://pubs.rsc.org/en/journals/journalissues/nr#recentarticles&adv	https://pubs.rsc.org/en/content/articlepdf/2018/nr/c8nr02411k	Yes
Phytotoxicity and stimulatory impact of silver nanoparticles on seedling growth of moth bean	Dr. Kakasaheb Mohite	Physics	Environment and Ecology	2018-2019	0970-0420	https://www.environmentandecology.com/	https://www.cabdirect.org/cabdirect/abstract/20193417755	Yes
Decolorization and detoxification of reactive azo dyes using cell culture tonic herb evoluhus alsinoides L.	Dr. Vikas Naikwadi	Botany	Journal of Environmental chemical engineering	2018-2019	6479-6488	https://www.sciencedirect.com/journal/journal-of-environmental-chemical-engineering	https://www.cabdirect.org/cabdirect/abstract/20193417755	Yes
Perforated N doped monoclinic ZnWO4 nanorods for efficient photocatalytic hydrogen generation and RhB degradation under natural sunlight	Yogesh A. Sethi	Chemistry	Catalysis Science & Technology	2018-2019	11	https://pubs.rsc.org/en/journals/journalissues/cy#recentarticles&adv	https://pubs.rsc.org/en/content/articlelanding/2018/cy/c8cy00521d/umauth	Yes