

Scopus Research Papers

Year	Research Paper Title	Authors	ISSN	Journal Title	Volume	Issue	Citations						Subtotal
							2019	2020	2021	2022	2023	2024	
							287	102	189	48	16	04	646
2024	Reduced Graphene Oxide@Bimodal TiO ₂ Nanocomposites as an Efficacious Console for Room Temperature n-Butanol Gas Sensing	Nileshkumar M. Pardeshi, Rahul S. Ghuge, Priyanka N. Birla, Ratna Chauhan, Shyamal P. Bhalekar, Manish D. Shinde, Yuvaraj Sivalingam, Rajendra D. Kale, Sunit B. Rane	2637-6113	<i>ACS Applied Electronic Materials,</i>	6	6	0	0	0	0	0	1	1
2024	Impact of Co:Fe cations composition in amorphous and mesoporous cobalt iron phosphate electrocatalysts synthesized by SILAR method on durable electrochemical water splitting	Suraj A. Khalate, Sujit A. Kadam, Yuan-Ron Ma, Sambhaji S. Kumbhar, Shraddha B. Bhosale, Vinod V. Patil, Vinayak G. Parale, Sachin B. Kulkarni, Chandrakant D. Lokhande, Hyung-Ho Park, Umakant M. Patil	0360-3199	<i>International Journal of Hydrogen Energy</i>	61		0	0	0	0	0	2	2
2024	Cellulose/silica supported Schiff base Pd(II) catalyst for copper-free Sonogashira cross-coupling	Pravin S. Pharande, Pradeep M. Mhaldar, Mayuri V. Patil, Suraj A. Sonawane, Shrikrishna T. Salunke & Dattaprasad M. Pore	1568-5675	<i>Research on Chemical Intermediates</i>	50	2	0	0	0	0	0	1	1
2023	Effect of thermal treatment of the SnO ₂ thin film prepared by spray pyrolysis method	Balbhim Maharnavar; Amol Pardeshi; Mahendra Patil; Pandurang Pingale; Mohansing Padvi;	0094-243X	<i>AIP Conf. Proc.</i>	2716	1	0	0	0	0	1	0	1



		Mahesh Bagal											
2023	Facile synthesis of indium doped CdSe thin films: microstructural and optoelectronic characteristics	G. T. Chavan, S. T. Pawar, B. Y. Fugare, S. S. Kamble, P. C. Pingale, Yedluri Anil Kumar, A. Sikora, Abdullah A. Al-Kahtani & Chan-Wook Jeon	1573-482X	<i>Journal of Materials Science: Materials in Electronics,</i>	34(10),	888	0	0	0	0	2	0	2
2023	Morpho-molecular identification, characterization and management of <i>Pythium catenulatum</i> , the causative agent of root rot disease in <i>Phaseolus vulgaris</i> (common bean)	Manish Kumar Dubey, Mohd Aamir, Andleeb Zehra, Mukesh Yadav, Punam Kumari, Milind H. Gajbhiye, Ram Sanmukh Upadhyay	0931-1785	<i>Journal of Phytopathology,</i>	171	2-3	0	0	0	0	1	0	1
2023	Lactic Acid Bacteria in the Management of Oily Spot Disease of Pomegranate	Gajbhiye, M.H., Bankar, A.V., Kapadnis, B.P.	1432-0991	<i>Current Microbiology,</i>	80	1	0	0	0	0	4	0	4
2023	PIPES-ZnO NPs coupled catalyst for the synthesis of 2-((1H-indol-3-yl)(phenyl)methyl)-5,5-dimethylcyclohexane-1,3-diones	Gadekar, S.S., Joshi, R.A., Madje, B.R., Salunke, S.T., Sapkal, S.B.	2211-7156	<i>Results in Chemistry</i>	6	101074	0	0	0	0	1	0	1
2023	Synthesis and Photophysical Study of Tetraphenyl Substituted BODIPY Based Phenyl-Monoselenide Probe for Selective Detection of Superoxide	Salunke, S.T., Shelar, D.S., Manjare, S.T.	1573-4994.	<i>Journal of Fluorescence</i>	33	2	0	0	0	0	5	0	5
2023	A Novel Approach of Developing AgI Loaded Silica Aerogels for Possible Application as Cloud Seeding Material	Nadargi, J.D., Dateer, R.B., Kalubarme, R.S., Truong, N.T.N., Pawar, S.H.	1876-9918	<i>Silicon</i>	15	33	0	0	0	0	2	0	2



2022	Binder free cobalt iron phosphate thin films as efficient electrocatalysts for overall water splitting	Suraj A Khalate, Sujit A Kadam, Yuan-Ron Ma, Sachin B Kulkarni, Vinayak G Parale, Umakant M Patil	0021-9797	<i>Journal of Colloid and Interface Science,</i>	613		0	0	0	28	0	0	28
2022	Nanoparticle Engineered Photocatalytic Paints: A Roadmap to Self-Sterilizing against the Spread of Communicable Diseases	Vijay S. Mohite, Milind M. Darade, Rakesh K. Sharma, Shivaji H. Pawar	2073-4344	<i>Catalysts,</i>	12	3	0	0	0	10	0	0	10
2022	Powdery mildew on <i>Coccinia grandis</i> caused by <i>Golovinomyces tabaci</i> in India	Sujit H. Wagh, Mahadev B. Kanade, Sachin V. Thite, Uwe Braun, Kamila C. Correia, Guadalupe A. Mora-Romero & Juan M. Tovar-Pedraza		<i>Australasia n Plant Disease Notes</i>	17	1	0	0	0	1	0	0	1
2022	New records, rare and noteworthy species of the genus <i>Nowakowskiella</i> (<i>Nowakowskiellaceae</i> , <i>Chytridiomycota</i>) from India	Dubey, M.K., Gajbhiye, M.H., Upadhyay, R.S.	00113891	<i>Current Science,</i>	123	12	0	0	0	1	0	0	1
2022	Studies on exopolysaccharide production from <i>Aureobasidium pullulans</i> spi 10 and its application as a green inhibitor for corrosion mitigation	Gaikwad, K.M., Pansare, G.E., Madane, M.P., Mulay, Y.R.	2347-212X	<i>Journal of Applied Biology and Biotechnology</i>	10	3	0	0	0	1	0	0	1
2022	Some side sensitive group runs based control charts to detect shifts in the process median	Gadre, M.P., Kakade, V.C.	1532-4141	<i>Communications in Statistics: Simulation and Computation</i>	51	4	0	0	0	3	0	0	3
2022	Tuning of photoluminescence behavior of gold coated chitosan-polyvinyl alcohol	Salunke, A.S., Salunke, S.T., Deokate, R.J., Kale, B.B.	2214-7853	<i>Materials Today: Proceeding</i>	62		0	0	0	2	0	0	2



	binding with graphene quantum dots			s,									
2021	Structural, Morphological, and Vibrational Properties of Porous α -Fe ₂ O ₃ Nanoparticles Prepared by Combustion method	Rajoba, S.J., Badabade, A.R., Pingale, P.C., Kale, R.D.	1521-3900	<i>Macromolecular Symposia</i>	400(1),	2100033	0	0	1	0	0	0	1
2021	Sol-gel assisted spinel Li ₄ Ti ₅ O ₁₂ and its performance and stability as anode for long life Li-ion battery	S.J. Rajoba, Ajit N. Shirsat, Deepak Tyagi, L.D. Jadhav, R.S. Kalubarme, B.N. Wani, Salil Varma	0167-577X	<i>Materials Letters,</i>	285,	129134	0	0	2	2	0	0	5
2021	Solution combustion synthesis of NaFePO ₄ and its electrochemical performance	Yadav, S.N., Rajoba, S.J., Kalubarme, R.S., Parale, V.G., Jadhav, L.D.	0577-9073	<i>Chinese Journal of Physics</i>	69		0	0	17	0	0	0	17
2021	Synthesis and electrochemical performance of mesoporous Ni ₂ O ₄ nanoparticles as an anode for lithium-ion battery	Swapnil J. Rajoba, Rajendra D. Kale, Sachin B. Kulkarni, Vinayak G. Parale, Rohan Patil, Håkan Olin, Hyung-Ho Park, Rushikesh P. Dhavale, Manisha Phadatare	ISSN: 2504-477X	<i>Journal of Composites Science,</i>	5	3	0	0	14	0	0	0	14
2021	Structural, Electronic, and Optical Properties of Lead-Free Halide Double Perovskite Rb ₂ AgBiI ₆ : A Combined Experimental and Density Functional Theory Study	Ajinkya Bhorde, Ravindra Waykar, Sachin R. Rondiya, Shruthi Nair, Ganesh Lonkar, Adinath Funde, Nelson Y. Dzade and Sandesh Jadkar	2575-062X	<i>ES Materials and Manufacturing,</i>	12		0	0	61	0	0	0	61
2021	Lactococcus lactis subsp. cremoris of Plant Origin Produces Antifungal Cyclo-(Leu-Pro) and Tetradecanoic Acid	Gajbhiye, M., Kapadnis, B.	0973-7715	<i>Indian Journal of Microbiology</i>	61	1	0	0	11	0	0	0	11
2021	Novel 1,2,4-triazole analogues	Balasaheb D Vanjare, Prasad G	1424-7917	<i>Molecular</i>	25	4	0	0	21	0	0	0	21



	as mushroom tyrosinase inhibitors: synthesis, kinetic mechanism, cytotoxicity and computational studies	Mahajan , Nilam C Dige, Hussain Raza , Mubashir Hassan , Yohan Han , Song Ja Kim , Sung-Yum Seo , Ki Hwan Lee		<i>Diversity,</i>									
2021	Novel rhodamine based chemosensor for detection of Hg ²⁺ : Nanomolar detection, real water sample analysis, and intracellular cell imaging	Balasaheb D. Vanjare, Prasad G. Mahajan, Hyang-Im Ryoo, Nilam C. Dige, Nam Gyu Choi, Yohan Han, Song Ja Kim, Chong-Hyeak Kim, Ki Hwan Lee	0925-4005	<i>Sensors and Actuators, B: Chemical</i>	30	129308	0	0	45	0	0	0	45
2020	(400)-Oriented indium tin oxide thin films with high mobility and figure of merit prepared by radio frequency magnetron sputtering	Ajinkya Bhorde, Ashok Jadhavar, Ravindra Waykar, Shruthi Nair, Haribhau Borate, Subhash Pandharka, Rahul Aher, Dhirsing Naik, Priti Vairale, Ganesh Lonkar, Sandesh J adkar	0040-6090	<i>Thin Solid Films</i>	704,	137972	0	9	0	0	0	0	9
2020	Synthesis and implementation of polycrystalline ferrite material for smart sensor module	Patil, S.N, Deshpande, J.D, Tilekar, S.K, Ladgaonkar, B.P, Pawar, A.M.	2214-7853	<i>Materials Today: Proceedings</i>	43		0	2	0	0	0	0	2
2020	Achlya bisexualis (Achlyaceae, saprolegniales, oomycota) – A new record for India	Dubey, M.K., Gajbhiye, M.H., Upadhyay, R.S.	0029-5035	<i>Nova Hedwigia</i>	111	1-2	0	3	0	0	0	0	3
2020	Microsatellite Genotyping Corroborated Loss of Genetic Diversity in Clarias batrachus as a Result of Lack of Regulatory Reforms in Aquaculture	Anita Tiknaik, Chandraprakash Khedkar, Gulab Khedkar, Bharathi Prakash, Dadala Mary Mamatha, Deepali Sangale & Amol Kalyankar	1573-4927.	<i>Biochemical Genetics</i>	58	4	0	2	0	0	0	0	2
2020	Synthesis of novel xanthene based analogues: Their optical properties, jack bean urease inhibition and molecular	Balasaheb D. Vanjare , Prasad G. Mahajan, Nilam C. Dige , Hussain Raza , Mubashir Hassan , Sung-Yum Seo , Ki Hwan Lee	1873-3557.	<i>Spectrochimica Acta - Part A: Molecular</i>	241	118667	0	9	0	0	0	0	9



	modelling studies			<i>and Biomolecular Spectroscopy</i>									
2020	Synthesis and biological evaluation of 1,2,4-triazolidine-3-thiones as potent acetylcholinesterase inhibitors: in vitro and in silico analysis through kinetics, chemoinformatics and computational approaches	Prasad G Mahajan, Nilam C Dige , Balasaheb D Vanjare , Hussain Raza , Mubashir Hassan , Sung-Yum Seo, Chong- Hyeak Kim, Ki Hwan Lee	1573-501X	<i>Molecular Diversity</i>	24	4	0	11	0	0	0	0	11
2020	Synthesis and characterization of new 4H-chromene-3-carboxylates ensuring potent elastase inhibition activity along with their molecular docking and chemoinformatics properties	Dige NC, Mahajan PG, Raza H, Hassan M, Vanjare BD, Hong H, Lee KH, Latip J, Seo SY	0045-2068	<i>Bioorganic Chemistry</i>	100	103906	0	19	0	0	0	0	19
2020	Chelation enhanced fluorescence of rhodamine based novel organic nanoparticles for selective detection of mercury ions in aqueous medium and intracellular cell imaging	Prasad G. Mahajan, Jin Sik Shin, Nilam C. Dige , Balasaheb D. Vanjare, Yohan Han, Nam Gyu Choi, Song Ja Kim, Sung Yum Seo, Ki Hwan Lee	1010-6030	<i>Journal of Photochemistry and Photobiology A: Chemistry,</i>	397	112579	0	19	0	0	0	0	19
2020	Synthesis and Biological Activities of Novel Aryldiazo Substituted Heterocycles	Korade, S. N., Patil, J. D., Gaikwad, D. S., Sonawane, S. A., Vibhute, S. P., Dige, N. C., ... Pore, D. M	0885-6672	<i>Organic Preparations and Procedures International</i>	52	2	0	4	0	0	0	0	4
2020	Design and Synthesis of New Porphyrin Analogues as Potent Photosensitizers for Photodynamic Therapy:	Prasad G Mahajan, Nilam C Dige, Balasaheb D Vanjare, Chong-Hyeak Kim, Sung-Yum Seo, Ki Hwan Lee	1053-0509	<i>Journal of Fluorescence,</i>	30	2	0	24	0	0	0	0	24



	Spectroscopic Approach												
2019	Sequential photocatalysis and biological treatment for the enhanced degradation of the persistent azo dye methyl red	Tatoba Waghmode, Mayur Kurade, Ramchandra T. Sapkal, Chandrakant H. Bhosale, Byong-Hun Jeon, Sanjay P Govindwar	0304-3894	<i>Journal of Hazardous Materials,</i>	371,		138	0	0	0	0	0	138
2019	Biosynthesized Co-doped TiO ₂ nanoparticles based anode for lithium-ion battery application and investigating the influence of dopant concentrations on its performance	Anil A. Kashale, Akash S. Rasal, Gokul P. Kamble, Vijay H. Ingole, Pravin K. Dwivedi, Swapnil J. Rajoba, Lata D. Jadhav, Yong-Chien Ling, Jia-Yaw Chang, Anil V. Ghule	1879-1069	<i>Composites Part B: Engineering,</i>	167		50	0	0	0	0	0	50
2019	Influence of synthesis parameters on the physicochemical and electrochemical properties of LiFePO ₄ for Li-ion battery	Swapnil J. Rajoba, Lata D. Jadhav, Ramchandra S. Kalubarme, Sanket N. Yadav	0925-8388	<i>Journal of Alloys and Compounds</i>	774		17	0	0	0	0	0	17
2019	Effect of Sm ³⁺ substitution on the structural and magnetic properties of Ni-Co nanoferrites	M.K. Kokare, Nitin A. Jadhav, Vijay Singh, S.M. Rathod	0030-3992	<i>Optics & Laser Technology</i>	112		28	0	0	0	0	0	28
2019	Green approach to phytopathogen: Characterization of lytic bacteriophages of Pseudomonas sp., an etiology of the bacterial blight of pomegranate	Jagdale, S., Ahiwale, S., Gajbhiye, M., Kapadnis, B.	0944-5013	<i>Microbiological Research,</i>	228	126300	6	0	0	0	0	0	6
2019	First Report of Corynespora cassicola Causing Fruit Rot of Pomegranate in India, Its Morphological and Molecular Characterization	Gajbhiye, M., Kapadnis, B.	2250-1754	<i>National Academy Science Letters</i>	42	3	4	0	0	0	0	0	4



2019	Facile synthesis of new quinazolinone benzamides as potent tyrosinase inhibitors: Comparative spectroscopic and molecular docking studies	Prasad G. Mahajan, Nilam C. Dige , Balasaheb D. Vanjare, Hussain Raza , Mubas hir Hassan , Sung-Yum Seo, Chong- Hyeak Kim, Ki Hwan Lee	0022-2860	<i>Journal of Molecular Structure</i>	1198,	1269 15	27	0	0	0	0	0	27
2019	Nano molar level chromogenic and fluorogenic sensing of heavy metal ions using multi-responsive novel Schiff base as a dual mode chemosensor	Prasad G. Mahajan, Nilam C. Dige, Balasaheb D. Vanjare, Eswaran Kamaraj, Sung-Yum Seo, Ki Hwan Lee	1010-6030	<i>Journal of Photochemistry and Photobiology A: Chemistry</i>	385,	1120 89	17	0	0	0	0	0	17



Web of Science Research Papers

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							2019	2020	2021	2022	2023	2024	
							134	71	107	39	4	3	358
2024	Impact of Co:Fe cations composition in amorphous and mesoporous cobalt iron phosphate electrocatalysts synthesized by SILAR method on durable electrochemical water splitting	Khalate, S.A, Kadam, S.A, Ma, Y.R, Kumbhar, S.S, Bhosale, S.B, Patil, V.V, Parale, V.G, Kulkarni, S.B , Lokhande, C.D, Park, H.H, Patil, U.M	0360-3199	International Journal of Hydrogen Energy	61		0	0	0	0	0	2	2
2024	Reduced Graphene Oxide@Bimodal TiO ₂ Nanocomposites as an Efficacious Console for Room Temperature n-Butanol Gas Sensing	Pardeshi, NM, Ghuge, RS, Birla, PN, Chauhan, R, Bhalekar, SP, Shinde, MD, Sivalingam, Y, Kale, RD, Rane, SB	2637-6113	ACS Applied Electronic Materials	6	6	0	0	0	0	0	1	1
2023	Lactic Acid Bacteria in the Management of Oily Spot Disease of Pomegranate	Gajbhiye, Milind H, Bankar, Ashok V, Kapadnis, Balu P.	1432-0991	Current Microbiology	80	1	0	0	0	0	4	0	4
2022	Binder free cobalt iron phosphate thin films as efficient electrocatalysts for overall water splitting	Khalate, S.A, Kadam, S.A, Ma, Y.R, Kulkarni, S.B; Parale, V.G, Patil, U.M	0021-9797	Journal of Colloid and Interface Science	613		0	0	0	29	0	0	29
2022	Nanoparticle Engineered Photocatalytic Paints: A Roadmap to Self-Sterilizing against the Spread of Communicable Diseases	Mohite, V.S, Darade, M.M, Sharma, R.K, Pawar, S.H	2073-4344	Catalysts	12	3	0	0	0	10	0	0	10
2021	Synthesis and Electrochemical	Rajoba, S.J, Kale, R.D, Kulkarni,	2504-477X	Journal of	5	3	0	0	15	0	0	0	15



	Performance of Mesoporous NiMn ₂ O ₄ Nanoparticles as an Anode for Lithium-Ion Battery	S.B, Parale, V.G, Patil, R, Olin, H, Park, H.H, Dhavale, R.P, Phadatare, M		Composites Science									
2021	Structural, Morphological, and Vibrational Properties of Porous α -Fe ₂ O ₃ Nanoparticles Prepared by Combustion method	Rajoba, S.J, Badabade, A.R, Pingale, P.C, Kale, R.D	1521-3900	Macromolecular Symposia	400	1	0	0	1	0	0	0	1
2021	Synthesis and Electrochemical Performance of Mesoporous NiMn ₂ O ₄ Nanoparticles as an Anode for Lithium-Ion Battery	Rajoba, SJ, Kale, RD, Kulkarni, SB, Parale, VG, Patil, R, Olin, H, Park, HH, Dhavale, RP, Phadatare, M	2504-477X.	Journal of Composites Science	5	3	0	0	15	0	0	0	15
2021	Novel rhodamine based chemosensor for detection of Hg ²⁺ : Nanomolar detection, real water sample analysis, and intracellular cell imaging	Vanjare, B.D, Mahajan, P.G, Ryo, H.I, Dige, N.C, Choi, N.G, Han, Y, Kim, S.J, Kim, C.H, Lee, K.H	1873-3077	Sensors and Actuators B-Chemical	330		0	0	43	0	0	0	43
2021	Novel 1,2,4-triazole analogues as mushroom tyrosinase inhibitors: synthesis, kinetic mechanism, cytotoxicity and computational studies	Vanjare, B.D, Mahajan, P.G, Dige, N.C, Raza, H, Hassan, M, Han, Y, Kim, S.J, Seo, S.Y, Lee, K.H	1573-501X	Molecular Diversity	25	4	0	0	22	0	0	0	22
2021	Lactococcus lactis subsp. cremoris of Plant Origin Produces Antifungal Cyclo-(Leu-Pro) and Tetradecanoic Acid	Gajbhiye, M, Kapadnis, B	0973-7715	Indian Journal of Microbiology	61	1	0	0	11	0	0	0	11
2020	Synthesis and biological evaluation of 1,2,4-triazolidine-3-thiones as potent acetylcholinesterase inhibitors: in vitro and in silico analysis through kinetics, chemoinformatics and computational approaches	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Raza, H, Hassan, M, Seo, S.Y, Kim, C.H, Lee, K.H	1573-501X	Molecular Diversity	24	4	0	9	0	0	0	0	9
2020	Synthesis and characterization of new 4 H -chromene-3-carboxylates ensuring potent	Dige, N.C, Mahajan, P.G, Raza, H, Hassan, M, Vanjare, B.D, Hong, H, Lee, K.H, Latip, J, Seo, S.Y	0045-2068	Bioorganic Chemistry	100		0	17	0	0	0	0	17



	elastase inhibition activity along with their molecular docking and chemoinformatics properties												
2020	Chelation enhanced fluorescence of rhodamine based novel organic nanoparticles for selective detection of mercury ions in aqueous medium and intracellular cell imaging	Mahajan, P.G, Shin, J.S, Dige, N.C, Vanjare, B.D, Han, Y, Choi, N.G, Kim, S.J, Seo, S.Y, Lee, K.H	1010-6030	Journal of Photochemistry and Photobiology A-Chemistry	397		0	17	0	0	0	0	17
2020	Synthesis and Biological Activities of Novel Aryldiazo Substituted Heterocycles	Korade, S.N, Patil, J.D, Gaikwad, D.S, Sonawane, S.A, Vibhute, S.P, Dige, N.C, Mhaldar, P.M, Pore, D.M	0885-6672	Organic Preparations and Procedures International	52	2	0	3	0	0	0	0	3
2020	Design and Synthesis of New Porphyrin Analogues as Potent Photosensitizers for Photodynamic Therapy: Spectroscopic Approach	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Kim, C.H, Seo, S.Y, Lee, K.H	1053-0509	Journal of Fluorescence	30	2	0	23	0	0	0	0	23
2020	Achlya bisexualis (Achlyaceae, Saprolegniales, Oomycota) - A new record for India	Dubey, M.K, Gajbhiye, M.H, Upadhyay, R.S	0029-5035	Nova Hedwigia	111	1-2	0	2	0	0	0	0	2
2019	Facile synthesis of new quinazolinone benzamides as potent tyrosinase inhibitors: Comparative spectroscopic and molecular docking studies	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Raza, H, Hassan, M, Seo, S.Y, Kim, C.H, Lee, K.H	0022-2860	Journal of Molecular Structure	1198		28	0	0	0	0	0	28
2019	Nano molar level chromogenic and fluorogenic sensing of heavy metal ions using multi-responsive novel Schiff base as a dual mode chemosensor	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Kamaraj, E, Seo, S.Y, Lee, K.H	1010-6030	Journal of Photochemistry and Photobiology A-Chemistry	385		17	0	0	0	0	0	17
2019	Novel Route for the Synthesis of 5-(4-Hydroxy-2-oxo-2H-chromen-3-yl)-1,3-dimethyl-	Dige, N.C, Mahajan, P.G, Dhokale, R.K, Chinchkar, S.M,	0885-6672	Organic Preparations and	51	6	4	0	0	0	0	0	4



	1H-chromeno[2,3-d]pyrimidine-2,4 (3H,5H)-diones	Patil, M.V, Pore, D.M		Procedures International									
2019	Ultrasound mediated efficient synthesis of new 4-oxoquinazolin-3(4H)-yl furan-2-carboxamides as potent tyrosinase inhibitors: Mechanistic approach through chemoinformatics and molecular docking studies	Dige, N.C, Mahajan, P.G, Raza, H, Hassan, M, Vanjare, B.D, Hong, H, Lee, K.H, Latip, J, Seo, S.Y	0045-2068	Bioorganic Chemistry	92		19	0	0	0	0	0	19
2019	A nano sensor for sensitive and selective detection of Cu ²⁺ based on fluoresce in: Cell imaging and drinking water analysis	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Eo, SH, Kim, SJ, Lee, K.H	1873-3557.	Spectrochimica Acta Part A- Molecular and Biomolecular Spectroscopy	216		22	0	0	0	0	0	22
2019	Synthesis and Studies on Photophysical Properties of Rhodamine Derivatives for Bioimaging Applications	Vanjare, B.D, Mahajan, P.G, Dige, N.C, Phull, A.R, Kim, S.J, Lee, K.H	0256-1115	Bulletin of The Korean Chemical Society	40	6	8	0	0	0	0	0	8
2019	A potential mediator for photodynamic therapy based on silver nanoparticles functionalized with porphyrin	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Eo, S.H, Seo, S.Y, Kim, S.J, Hong, S.K, Choi, C.S, Lee, K.H	1010-6030	Journal of Photochemistry and Photobiology A-Chemistry	377	21	0	0	0	0	0	0	21
2019	Gallotannin functionalized gold nanoparticles for rapid, selective and sensitive colorimetric detection of Ag ⁺ in aqueous medium: Approach to eco-friendly water analysis	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Hong, S.K, Lee, K.H	0925-4005	Sensors and Actuators B-Chemical	281		19	0	0	0	0	0	19
2019	Gallotannin mediated silver colloidal nanoparticles as multifunctional nano platform: Rapid colorimetric and turn-on	Mahajan, P.G, Dige, N.C, Vanjare, B.D, Phull, A.R, Kim, S.J, Lee, K.H	1872-7883	Journal of Luminescence	206		11	0	0	0	0	0	11



	fluorescent sensor for Hg ²⁺ , catalytic and In vitro anticancer activities												
2019	First Report of <i>Corynespora cassiicola</i> Causing Fruit Rot of Pomegranate in India, Its Morphological and Molecular Characterization	Gajbhiye, M, Kapadnis, B	2250-1754	National Academy Science Letters-INDIA	42	3	3	0	0	0	0	0	3
2019	Green approach to phytopathogen: Characterization of lytic bacteriophages of <i>Pseudomonas</i> sp., an etiology of the bacterial blight of pomegranate	Jagdale, S, Ahiwale, S, Gajbhiye, M, Kapadnis, B	0944-5013	Microbiological Research	228		3	0	0	0	0	0	3

