

MET's Institute of Pharmacy

Publications details

Top 10 Journals (IOP staff as a corresponding author)

1. Arabian Journal of Chemistry-6
2. International Journal of Pharmaceutics- 5.8
3. Journal of Drug Delivery Science and Technology- 5
4. Heliyon-4
5. Bioactive Carbohydrates and Dietary Fibre -3.8
6. Journal of Analytical Science and Technology- 3.568
7. Beni-Suef University Journal of Basic and Applied Sciences- 2.27
8. Structural chemistry-1.78
9. Turkish journal of pharmaceutical sciences- 1.7
10. Asian Journal of Chemistry-1.69

Journals with corresponding author not from IOP

1. Frontiers in pharmacology 6.3
2. Carbohydrate Polymer Technologies and Applications 5.5
3. MDPI: Molecule 4.972
4. Saudi Journal of Biological Sciences 4.4
5. Saudi journal of biological sciences (Elsevier) 4.4
6. Journal of King Saud University-Science (Elsevier) 3.9
7. Bioorganic & Medicinal Chemistry 3.5
8. Journal of the Indian Chemical Society 1.3
9. Pharmacia 1.1

Publication in SCI + IOP CA (A)	Publication in SCI + Other CA (B)	Publication in SCIE + IOP CA (C)	Total SCI (A+B)	Publications in SCI by new faculty (D)
46	17	54	63	16

Average IF= (Cumulative IF A+B)/ (A+B)= 83.103 + 59.147/63 = 2.25

Number of research Publications in SCI Journals with you acting as corresponding Author with MET Affiliation

Sr. No.	Name of All Authors	Year of Publication	Title	Name of Journal	Vol.	Issue	Page number	Impact Factor
1	Rani S Kankate, Parag S Gide, Deepak P Belsare	2019	Design, synthesis and antifungal evaluation of novel benzimidazole tertiary amine type of fluconazole analogues	Arabian Journal of Chemistry	12	8	2224 - 2235	6
2	Gitanjali Sambhajirao Deokar, Archana Maruti Deokar, Sanjay Jayprakash Kshirsagar, Athisaya Buranasompob, Nilesh Prakash	Sep.2023	Extraction, physicochemical characterization, functionality, and excipient ability of corn fiber gum-starch isolate from corn milling industry waste	International Journal of Pharmaceutics	645		-	5.8
3	Umesh D. Laddha and Sanjay J. Kshirsagar	2021	Formulation of nanoparticles loaded in situ gel for treatment of dry eye disease: In vitro, ex vivo and in vivo evidences	Journal of Drug Delivery Science and Technology	61	-	10	5
4	Umesh D. Laddha, Sanjay J. Kshirsagar, Layba S. Sayyad, Musab T. Ahmed, Sachin S. Gaikwad, Pavan B. Udavant,	2022	Development of surface modified nanoparticles of curcumin for topical treatment of diabetic retinopathy: In vitro, ex vivo and in vivo investigation	Journal of Drug Delivery Science and Technology	76	-	10	5

	Abhijeet D. Kulkarni							
5	Umesh D. Laddha, Priyanka D. Sandhan, Sachin S. Gaikwad, Kailas K. Moravkar, Sanjay J. Kshirsagar	2023	Fabrication of pioglitazone nanoparticles loaded polymeric dispersion for treatment of dry eye disease with in vitro and in vivo investigation	Journal of Drug Delivery Science and Technology	81	-	104267	5
6	Neelam L. Dashputre *Umesh D. Laddha, Surabhi B. Patil, Jayesh D. Kadam, Sanjay J. Kshirsagar	2023	An insight to development and in-vitro, ex-vivo, in-vivo study of effect of naringenin nanoparticles against letrozole induced polycystic ovarian syndrome in female wistar rats	Journal of Drug Delivery Science and Technology	90C		105129	5
7	*Umesh D. Laddha, Shubham S. Chikhale, Neelam L. Dashputre, Sachin S. Gaikwad, Kailas K. Moravkar,	2023	Development and in vitro, ex vivo, in vivo investigation of curcumin loaded nanoparticles in management of dry eye disease	Journal of Drug Delivery Science and Technology	87	-	1-8	5

	Sanjay J. Kshirsagar							
8	Smita P. Kakad, Sanjay J. Kshirsagar.	2021	Nose to brain delivery of Efavirenz nanosuspension for effective Neuro AIDS therapy: In-vitro, In-vivo and pharmacokinetic assessment	Heliyon	7	11	-	4
9	Smita P. Kakad, Sanjay J. Kshirsagar.	2023	Nose to brain delivery of nanosuspensions with first line antiviral agents is alternative treatment option to Neuro-AIDS treatment	Heliyon	8	7	-	4
10	Umesh D. Laddha and Sanjay J. Kshirsagar	2020	Formulation of PPAR-gamma agonist as surface modified PLGA nanoparticles for non-invasive treatment of diabetic retinopathy: in vitro and in vivo evidences	Heliyon	8	-	10	4

	Neelam L. Dashputre, *Umesh D. Laddha, Prajakta P. Darekar, Jayesh D. Kadam, Sanjay J. Kshirsaga et al.	2023	Potential therapeutic effects of naringin loaded PLGA nanoparticles for the management of Alzheimer's disease: In vitro, ex vivo and in vivo investigation	Heliyon	9	-	1-21	4
11	Sachin Gaikwad, Sanjay Kshirsagar	2024	Application of Tablet in Tablet technique to design and characterize immediate and modified release tablets of Timolol maleate	Heliyon	10	3	E25820	4
12	Deokar, G., Shinde, P., Kshirsagar, S.	2022	In- vitro biorelevant media and time simulation probiotic proliferation methodology to determine prebiotic potentials of flaxseed powder	Bioactive Carbohydrates and Dietary Fibre	28	-	100335	3.8
13	Sandeep S Sonawane, Santosh S Chhajed, Sana S Attar, Sanjay J Kshirsagar	2019	An approach to select linear regression model in bioanalytical method validation	Journal of Analytical Science and Technology	10	1	7-Jan	3.568
14	Smita P. Kakad, Sanjay J. Kshirsagar.	2023	Development of nano emulsion of antiviral drug for brain targeting in the treatment of neuro-AIDS	Beni-Suef University Journal of Basic and Applied Sciences	11	138		2.27

15	Santosh S. Chhajer ¹ & Pooja E. Shinde ¹ & Sanjay J. Kshirsagar ¹ & Jayprakash N. Sangshetti ² & PramodKumar P. Gupta ³ & Mala M. Parab ³ & Debjani Dasgupta ³	2020	De-novo design and synthesis of conformationally restricted thiazolidine-2,4-dione analogues: highly selective PPAR- γ agonist in search of anti-diabetic agent	Structural chemistry	31	8	1375-1385	1.78
16	Sandeep S Sonawane, Pooja C Bankar, Sanjay J Kshirsagar	2021	Stability-indicating LC method for quantification of azelnidipine: synthesis and characterization of oxidative degradation product	Turkish journal of pharmaceutical sciences	18	5	550-556	1.7
17	RANI S. KANKATE, VIKAS C. NATHE, SANJAY J. KSHIRSAGER, SUNITA N. SURSE, SNEHA A. BHALERAO, SHANTANU S. GHODKE, JATIN A. SADHWANI	2023	Bioisosterism based Design, Synthesis and Antifungal Evaluation of Novel Fluconazole Analogues	Asian Journal of Chemistry	35	10		1.69
18	M. Patil, P. Bhagade, M. Amale, S. Sonawane, S. Kshirsagar	2021	Development of sertaconazole nitrate loaded nanostructured lipid carriers gel using central composite design: in-vitro and ex-vivo evaluation	Nanoscience & Nanotechnology-Asia	11	1	132-143	0.9

19	Deokar, G.S., Kakulte, H.D., Kshirsagar, S.J., Waghchoure, D.R.	2021	QBD approach to predict the in-vivo performance based on in-vitro results using mucuna pruriens seed mucilage as a novel tablet dosage form excipient and dicofenac sodium as model drug candidate	Indian Journal of Pharmaceutical Education and Research	55	3	715-727	0.9
20	Sandeep S Sonawane, Santosh S Chhajed, Dipika R Jadhav, Nilima A Thombre, Sanjay J Kshirsagar	2020	Development and validation of stability-indicating HPLC method for the quantification of Levetiracetam in bulk and oral solution: application to chemical kinetics	Pharmaceutical Chemistry Journal	54	8	870-876	0.9

21	Santosh S. Chhajed, *Umesh D. Laddha, Sandeep S. Sonawane, Mrunal Pekhale, Prajakta Thorat, Sanjay Kshirsagar, Jaiprakash Sangshetti	2024	Formulation, Development and Characterization of PLGA-Luliconazole Nanoparticles Loaded Gel System for Topical Fungal Treatment	Indian Journal of Pharmaceutical Education and Research	58	15	s187-s195	0.8
22	Santosh Subhash Chhajed1, Pramodkumar P Gupta, Sanjay Kshirsagar, Sakshi Tomar, Debarshi Kar Mahapatra, Raji Sundararajan	2020	N-(2-(1H-benzo[d]imidazol-2-yl)Phenyl)-2- (Substituted-styryl)Aniline as Anti-proliferative Agents: Rejuvenating the Importance of Low Molecular Weight Ligands in Oncotherapeutics	Indian Journal of Pharmaceutical Education and Research	54	2	432-439	0.8
23	Santosh Subhash Chhajed, Yatish Rajendra Rajderkar, Anjali Baburao Tajanpure, Jaiprakash Navnath Sangshetti, Debarshi Kar Mahapatra, Sanjay Jayprakash Kshirsagar	2020	Solvent Drop Grinding Approach Assisted Development of Glimepiride Co-crystals: Solubility Enhancement Journey of BCS Class-II Product	Indian Journal of Pharmaceutical Education and Research	54	3	602-609	0.8
24	Udavant P, Kanade G, Khairnar S, Sable R, Dashputre N, Tajanpure A,	2023	Preclinical Evaluation of Nerolidol's Hepatoprotective and	Biomed Pharmacol J	16	4	2083-2097	0.791

	Rishipathak D, Chhajed S, Tanzeel M, D'Souza S, Ahmad N.		Nephroprotective Potential.					
25	Pavan Udavant , Pragati Gurav, Gayatri Kanade, Neelam Dashputre, Rahul sable, Shubham Khairnar, Dinesh Rishipathak, SapanaAhirrao, Hemant Raut	2023	Evaluation of hepatoprotective and nephroprotective effect of α -pinene on wistar albino rat	Biomed Pharmacol J	16	1	103-112	0.791
26	Nilima Thombre, Yogita Patil	2022	Domperidone loaded Caesalpinia pulcherrima galactomannan-based microspheres for nasal administration: In-vitro and In-vivo studies.	Songklanakarin Journal of Science & Technology	44	5	1314-1322	0.602
27	Rani S Kankate, Sampada L Deshmukh, Ziyaul Haque, Eknath D Ahire, Sanjay J Kshirsagar	2023	Producing Highly Predictive Qsar Models Of Benzimidazole Derivatives As Potent Antifungal Agents	Journal of Pharmaceutical Negative Results	14		2285-2293	0.564.
28	Rani S Kankate, Vrushali Pawar, Pooja Abhang, Kamini Bhalerao, Yogesh Wankhede, Eknath D Ahire, Sanjay J Kshirsagar	2023	Microwave-Assisted Synthesis And Antifungal Evaluation Of 1, 2, 4- Triazole Derivatives	Journal of Pharmaceutical Negative Results	14	2	2294-2301	0.564.

29	Nilima A Thombre, Umesh D Laddha , Eknath D Ahire , Anjali B Tajanpure , Sunita N Surse , Smita P Kakad , Amit V Kakad , Diya Anumone , Rajas Sonawani	2023	Formulation Development and Evaluation of Herbal Antifungal Cream by using Psidium guajava Leaf Extract	International Journal of Drug Delivery Technology	13	4	1229-1234	0.542
30	Rakesh Uttamrao Shelke, Dinesh Dattatray Rishipathak	2023	Bioanalytical method development for quantification of trifluridine with its metabolites and tipiracil in spiked human plasma by solid-phase extraction (SPE) and HPLC with PDA	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.45
31	SP Ahirrao, DS Bhambere, B Agiwale, S Algat, D Zoman, V Chaudhari	2023	<u>pH sensitive in-situ gel for ophthalmic delivery of ofloxacin and dexamethasone sodium phosphate: Formulation, development, and evaluation</u>	Materials Today: Proceedings				0.445
32	SP Ahirrao, DS Bhambere, ED Ahire, NL Dashputre, SP Kakad	2023	<u>Formulation and evaluation of Olmesartan Medoxomil nanosuspension</u>	Materials Today: Proceedings				0.445
33	Rahul R. Sable, Divya G. Thite, Pavan B. Udavant, Eknath D. Ahire,	2023	Isolation and identification of flavonoids compounds and formulation of	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.445

	Shubham J. Khairnar		tecoma undulata (Sm.) seem. Herbal ointment					
34	Neelam L. Dashputre1*, Smita P. Kakad, Pritam B. Chaudhari	2022	Molecular Modeling Studies Approach Against Enzymes Causing Alzheimer's Disease Using Hancornia speciosa Linn by Molecular Docking and Molecular Dynamics Simulations Techniques	Journal of Pharmaceutical Negative Results	Volume 13	5	2223-2240	0.393
35	Deore Abhijit S, Khairnar Mahendra.V, Shelke Rakesh U.	2022	One-pot, Two-step, Three-Component Synthesis of 2,4-Diamino-3-cyano-5-benzoyl-thiophenes Using Cyanoacetamides and Evaluation of their Biological Activity	Indian Journal of Heterocyclic Chemistry	32	1	97-102	0.365
36	A BAVISKAR, V KASHID, S AHIRRAO, D BHAMBERE, M AKUL	2023	<u>Formulation and Evaluation of Butenafine Hydrochloride Incorporated Solid Lipid Nanoparticles from Novel Excipients for the Treatment of Superficial Fungal Infection</u>	Turkish Journal of Pharmaceutical Sciences				0.303
37	MP Patil, MK More, SS Chhajed, DS Bhambere, SJ Kshirsagar	2020	<u>Synthesis and characterization of mesoporous silica nanoparticles loaded with repaglinide for dissolution enhancement</u>	Indian J Pharm Sci	82	4	686	0.2

38	M Patil, D Sonawane, S Sonawane, D Bhambere, S Kshirsagar	2022	<u>Application of Central Composite Design for Development of Celecoxib Loaded Lipospheres: Formulation and in-vitro Characterization</u>	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	56	2	405	0.19
39	M. Patil, S. Borade, D. Bhambere, S. Kshirsagar	2022	Mesoporous silica nanoparticles of hesperidin: synthesis and in vitro characterization	Indian Drugs	59	9	50-55	0.17
40	Sandeep S Sonawane, Priyanka T Shinde, Gayatri S Joshi, Sanjay J Kshirsagar	2021	Development and Validation of High-performance Liquid Chromatography Method for Estimation of Seratrodast in Spiked Human Plasma	Thai Journal of Pharmaceutical Sciences	45	5	374 - 378	0.153
41	<u>Ahirrao, S.P., Bhambere, D.S., Kshirsagar, S.J.</u>	2022	Effective use of Silymarin as a promising P-Glycoprotein Inhibitor in the Management of Breast Cancer	International Journal of Pharmaceutical Sciences and Nanotechnology	15	5	6147	0.11
42	Rakesh Shelke, Dinesh Rishipathak	2023	Development and validation of a new bioanalytical method for quantification of CDK4/6 inhibitor in Spiked Human Plasma by HPLC-UV	Current Issues in Pharmacy and Medical Sciences	36	2	81-86	0
43	Smita P. Kakad, Sanjay J. Kshirsagar.	2021	Formulation and optimization of ritonavir nasal	Indian Drugs	58	4	-	

Number of research Publications in SCI Journals with corresponding Author outside to MET but you act as the co-author

S.N.	Name of All Authors	Year of Publication	Title	Name of Journal	Vol.	Issue	Page number	Impact Factor
1	Mithun Rudrapal, Shubham J Khairnar, Johra Khan, Abdulaziz Bin Dukhyil, Mohammad Azam Ansari, Santwana Palai, Rajlakshmi Devi	2022	Dietary Polyphenols and Their Role in Oxidative Stress-Induced Human Diseases: Insights Into Protective Effects, Antioxidant Potentials and Mechanism(s) of Action	Frontiers in pharmacology	13	2022	806470	6.3
2	Kailas K. Moravkar, Umesh D. Laddha Mahesh D. Patil, Sharad S. Kale, Nikhil Girase, Bhushan A. Bhairav Jayeeta Bhaumik, Shailesh S. Chalikwar	2023	Extraction of rutin from tagetes erecta (Marigold) and preparation of peroral nano-suspension for effective antitussive/expectorant therapy	Carbohydrate Polymer Technologies and Applications	5	-	100320	5.5
3	Mithun Rudrapal, Johra Khan, Abdul Aziz Bin Dukhyil, Randa Mohammed Ibrahim Ismail Alarousy, Emmanuel Ifeanyi Attah, Tripti Sharma, Shubham Jagdish Khairnar, Atul Rupchand Bendale	2022	Chalcone scaffolds, bioprecursors of flavonoids: Chemistry, bioactivities, and pharmacokinetics	MDPI: Molecule	26	23	7177	4.972
4	Mithun Rudrapal, Neelutpal Gogoi, Dipak Chetia, Johra Khan, Saeed Banwas, Bader Alshehri, Mohammed A. Alaidarous, Umesh D. Laddha, Shubham J.	2022	Repurposing of phytomedicine- derived bioactive compounds with promising anti-SARS-CoV-2 potential: Molecular docking, MD simulation and drug- likeness/ADMET studies	Saudi Journal of Biological Sciences	29	4	2432-2446	4.4

	Khairnar, Sanjay G. Walode							
5	Mithun Rudrapal, Ismail Celik, Sampath Chinnam, Mohammad Azam Ansari, Johra Khan, Saad Alghamdi, Mazen Almehmadi, James H Zothantluanga, Shubham J Khairnar	2022	Phytocompounds as potential inhibitors of SARS-CoV-2 Mpro and PLpro through computational studies	Saudi journal of biological sciences (Elsevier)	29	5	3456-3465	4.4
6	Mithun Rudrapal, Ismail Celik, Johra Khan, Mohammad Azam Ansari, Mohammad N Alomary, Fuad Abdullah Alatawi, Rohitash Yadav, Tripti Sharma, Trina Ekawati Tallei, Praveen Kumar Pasala, Ranjan Kumar Sahoo, Shubham J Khairnar , Atul R Bendale, James H Zothantluanga, Dipak Chetia, Sanjay G Walode	2022	Identification of bioactive molecules from Triphala (Ayurvedic herbal formulation) as potential inhibitors of SARS-CoV-2 main protease (Mpro) through computational investigations	Journal of King Saud University-Science (Elsevier)	34	3	101826	3.9
7	Jaiprakash Sangshetti, Shahebaaz K Pathan, Rajesh Patil, Siddique Akber Ansari, Santosh Chhajed	2019	Synthesis and biological activity of structurally diverse phthalazine derivatives: A systematic review	Bioorganic & Medicinal Chemistry	27	18	3979-3997	3.5
8	Mala Parab, Saliha Pathan, Pramodkumar Gupta, Santosh Chhajed and Debjani Dasgupta	2022	Functional analysis of repositioned anilide derivatives as anticancer compounds	Journal of the Indian Chemical Society	99	1	100276	1.3
9	Emmanuel Ifeanyi Attah, Samson Chibuzo Ugwuagbo, Sampath Chinnam, Fabian Ifeanyi Eze, Charles Okeke Nnadi, Matthias Onyebuchi Agbo,	2022	Anti-inflammatory activity of Sabicea brevipes Wernharm (Rubiaceae)	Pharmacia	69	9	311-317	1.1

	Wilfred Obonga, Mithun Rudrapal, Sanjay G Walode, Aatika Nizam, Ranjan Kumar Sahoo, Atul R Bendale, Shubham J Khairnar , Mohini R Jagtap							
10	Sunil Kumar Karumuri Taraka, Praveen Kumar Pasala, Ranjan Kumar Sahoo, Umesh D Laddha, Shubham J Khairnar , Atul R Bendale, Mithun Rudrapal	2022	Atorvastatin ascorbic acid cocrystal strategy to improve the safety and efficacy of atorvastatin	Pharmacia	69	2	295-302	1.1
11	GB Jadhav, RR Sable	2023	Gramine and zingerone mitigates neuroinflammation related depressive behaviour induced by chronic unpredictable mild stress in rat	Research Journal of Pharmacy and Technology	16	7	3067-3074	0.675
12	Nikhil Girase, Umesh D. Laddha, Devanshi S. Shah, Shailesh S. Chalikwar, Kailas K. Moravkar	2024	Design and development of high-dose bioactive oil-loaded transdermal patch with the aid of natural waste as an adsorbent-optimization with SeDeM-SLA tool	Pharmacological Research - Modern Chinese Medicine	10	-	100370	0.6
13	Nazim Hussain, Bibhuti Bhushan Kakoti, Mithun Rudrapal, Khomendra Kumar Sarwa, Ismail Celik, Emmanuel Ifeanyi Attah, Shubham Jagadish Khairnar , Soumya Bhattacharya, Ranjan Kumar Sahoo, Sanjay G Walode	2021	Bioactive Antidiabetic Flavonoids from the Stem Bark of Cordia dichotoma Forst.: Identification, Docking and ADMET Studies	Molbank(MDPI)	2021	2	M1234	0.6
14	Shahebaaz K. Pathan, Satish Deshmukh, Santosh Chhajed , Jaiprakash Sanghshetti	2020	Green Synthesis Of Methyl-6-Amino-5-Cyano-4-Aryl-2,4-Dihydropyrano[2,3-C]Pyrazole-3-Carboxylates using Dimethyl Acetylene dicarboxylate	Chemical Data Collection	28	1	100403	0

								38.347
15	Sachin S. Gaikwad, Snehal R. Pathare, Mayur A. More, Nikita A. Waykhinde, Umesh D. Laddha , Kishor S. Salunkhe, Sanjay J. Kshirsagar, Sakshi S. Patil, Kuldeep H. Ramteke	2023	Dry Powder Inhaler with the technical and practical obstacles, and forthcoming platformstrategies	Journal of Controlled Release	355		292-311	11.0
16	Sachin S. Gaikwad, Akshada M. Kothule, Yogita Y. Morade, Sakshi S. Patil, Umesh D. Laddha, Sanjay J. Kshirsagar, Kishor S. Salunkhe	2023	An overview of the implementation of SeDeM and SSCD invarious formulation developments	International Journal of Pharmaceutics	635		20	5.8
17	Sachin S. Gaikwad, Yogita Y. Morade, Akshada M. Kothule, Sanjay J. Kshirsagar, Umesh D. Laddha , Kishor S. Salunkhe	2023	Overview of phytosomes in treating cancer: Advancement, challenges, and future outlook	Heliyon	9		e16561	4.0 =59.147 =142.25

Number of research Publications in SCIE Journals with corresponding Author of Department

Sr. No.	Name of All Authors	Year of Publication	Title	Name of Journal	Vol.	Issue	Page number	Impact Factor
1.	Ahirrao, S.P., Bhambere, D.S., Kshirsagar, S.J.	2022	Effective use of Silymarin as a promising P-Glycoprotein Inhibitor in the Management of Breast Cancer	International Journal of Pharmaceutical Sciences and Nanotechnology	15	5	6147	0.11
2.	MP Patil, MK More, SS Chhajed, DS Bhambere, SJ Kshirsagar	2020	<u>Synthesis and characterization of mesoporous silica nanoparticles loaded with repaglinide for dissolution enhancement</u>	Indian J Pharm Sci	82	4	686	0.2
3.	M Patil, D Sonawane, S Sonawane, D Bhambere, S Kshirsagar	2022	<u>Application of Central Composite Design for Development of Celecoxib Loaded Lipospheres: Formulation and in-vitro Characterization</u>	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	56	2	405	0.19
4.	M Patil, P Pandit, P Udavant, S Sonawane, D Bhambere	2021	Development and optimization of proniosomal gel containing etodolac: in-vitro, ex-vivo and in-vivo evaluation	<u>Ars Pharmaceutica</u>	62	3	Online	0.12
5.	Nilima T hombre, Payal Jangam, Rinku Umarani, Neha Kulkarni, Sanjay Kshirsagar	2022	Development and evaluation of Deferasirox-loaded nanoparticles for the treatment of breast cancer: in-vitro evaluation and cell line study	Ars Pharmaceutica	63	3	209-221	0.12

6.	SP Ahirrao, DS Bhambere, B Agiwale, S Algat, D Zoman, V Chaudhari	2023	<u>pH sensitive in-situ gel for ophthalmic delivery of ofloxacin and dexamethasone sodium phosphate: Formulation, development, and evaluation</u>	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.445
7.	A BAVISKAR, V KASHID, S AHIRRAO, D BHAMBERE, M AKUL	2023	<u>Formulation and Evaluation of Butenafine Hydrochloride Incorporated Solid Lipid Nanoparticles from Novel Excipients for the Treatment of Superficial Fungal Infection</u>	Turkish Journal of Pharmaceutical Sciences	Published Online	Published Online	Published Online	-
8.	SP Ahirrao, DS Bhambere, ED Ahire, NL Dashputre, SP Kakad	2023	<u>Formulation and evaluation of Olmesartan Medoxomil nanosuspension</u>	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.445
9.	L. Nemade, M. Patil	2023	Formulation development, optimization, and evaluation of lansoprazole loaded nanosuspension	Int. J. App. Pharm.	15	3	208-219	-
10.	M. Patil, S. Borade, D. Bhambere, S. Kshirsagar	2022	Mesoporous silica nanoparticles of hesperidin: synthesis and in vitro characterization	Indian Drugs	59	9	50-55	0.17

11.	M. Patil, P. Bhagade, M. Amale, S. Sonawane, S. Kshirsagar	2021	Development of sertaconazole nitrate loaded nanostructured lipid carriers gel using central composite design: in-vitro and ex-vivo evaluation	Nanoscience & Nanotechnology-Asia	11	1	132-143	0.9
12.	Neelam L. Dashputre, *Umesh D. Laddha, Tathagat D. Pagare, Jayesh D. Kadam, Surabhi B. Patil, Anjali B. Tajanpure, Pavan B. Udavant, Smita P. Kakad, Sanjay J. Kshirsagar	2023	Fabrication of nanoparticulate system for oral delivery of Naringenin against paraquat-induced Parkinson's disorder in Wistar rats	European Journal of Medicinal Chemistry Reports	8	-	100105	
13.	Nilima Thombre, Yogita Patil	2022	Domperidone loaded Caesalpinia pulcherrima galactomannan-based microspheres for nasal administration: In-vitro and In-vivo studies.	Songklanakarin Journal of Science & Technology	44	5	1314-1322	0.602
14.	Smita P. Kakad, Sanjay J. Kshirsagar.	2021	Nose to brain delivery of Efavirenz nanosuspension for effective Neuro AIDS therapy: In-vitro, In-vivo and pharmacokinetic assessment	Heliyon	7	11	-	4

15.	Smita P. Kakad, Sanjay J. Kshirsagar.	2023	Nose to brain delivery of nanosuspensions with first line antiviral agents is alternative treatment option to Neuro-AIDS treatment	Heliyon	8	7	-	4
16.	Smita P. Kakad, Sanjay J. Kshirsagar.	2021	Formulation and optimization of ritonavir nasal nanosuspension for brain targeting	Indian Drugs	58	4	-	-
17.	Smita P. Kakad, Sanjay J. Kshirsagar.	2023	Development of nano emulsion of antiviral drug for brain targeting in the treatment of neuro-AIDS	Beni-Suef University Journal of Basic and Applied Sciences	11	138		2.27
18.	Umesh D. Laddha and Sanjay J. Kshirsagar	2020	Formulation of PPAR-gamma agonist as surface modified PLGA nanoparticles for non-invasive treatment of diabetic retinopathy: in vitro and in vivo evidences	Heliyon	8	-	10	4
19.	Umesh D. Laddha and Sanjay J. Kshirsagar	2021	Formulation of nanoparticles loaded in situ gel for treatment of dry eye disease: In vitro, ex vivo and in vivo evidences	Journal of Drug Delivery Science and Technology	61	-	10	5
20.	Umesh D. Laddha, Sanjay J. Kshirsagar, Layba S. Sayyad, Musab T. Ahmed,	2022	Development of surface modified nanoparticles of curcumin for topical treatment of diabetic retinopathy: In vitro, ex vivo and in vivo investigation	Journal of Drug Delivery Science and Technology	76	-	10	5

	Sachin S. Gaikwad, Pavan B. Udavant, Abhijeet D. Kulkarni							
21.	Umesh D. Laddha, Priyanka D. Sandhan, Sachin S. Gaikwad, Kailas K. Moravkar, Sanjay J. Kshirsagar	2023	Fabrication of pioglitazone nanoparticles loaded polymeric dispersion for treatment of dry eye disease with in vitro and in vivo investigation	Journal of Drug Delivery Science and Technology	81	-	104267	5
22.	Santosh S. Chhajed, *Umesh D. Laddha, Sandeep S. Sonawane, Mrunal Pekhale, Prajakta Thorat, Sanjay Kshirsagar, Jaiprakash Sangshetti	2024	Formulation, Development and Characterization of PLGA-Luliconazole Nanoparticles Loaded Gel System for Topical Fungal Treatment	Indian Journal of Pharmaceutical Education and Research	58	1S	s187-s195	0.8
23.	Neelam L. Dashputre, *Umesh D. Laddha, Prajakta P. Darekar, Jayesh D. Kadam,	2023	Potential therapeutic effects of naringin loaded PLGA nanoparticles for the management of Alzheimer's disease: In vitro, ex vivo and in vivo investigation	Heliyon	9	-	1-21	4

	Sanjay J. Kshirsaga et al.							
24.	Neelam L. Dashputre *Umesh D. Laddha, Surabhi B. Patil, Jayesh D. Kadam, Sanjay J. Kshirsagar	2023	An insight to development and in-vitro, ex-vivo, in-vivo study of effect of naringenin nanoparticles against letrozole induced polycystic ovarian syndrome in female wistar rats	Journal of Drug Delivery Science and Technology	90C		105129	5
25.	*Umesh D. Laddha, Shubham S. Chikhale, Neelam L. Dashputre, Sachin S. Gaikwad, Kailas K. Moravkar, Sanjay J. Kshirsagar	2023	Development and in vitro, ex vivo, in vivo investigation of curcumin loaded nanoparticles in management of dry eye disease	Journal of Drug Delivery Science and Technology	87	-	1-8	5
26.	Nilima A Thombre, Umesh D Laddha , Eknath D Ahire , Anjali B Tajanpure , Sunita N Surse , Smita P Kakad , Amit V Kakad , Diya Anumone	2023	Formulation Development and Evaluation of Herbal Antifungal Cream by using Psidium guajava Leaf Extract	International Journal of Drug Delivery Technology	13	4	1229-1234	0.542

	, Rajas Sonawani							
27.	Sachin Gaikwad, Sanjay Kshirsagar	2024	Application of Tablet in Tablet technique to design and characterize immediate and modified release tablets of Timolol maleate	Heliyon	10	3	E25820	4
28.	Rahul R. Sable, Divya G. Thite, Pavan B. Udavant, Eknath D. Ahire, Shubham J. Khairnar	2023	Isolation and identification of flavonoids compounds and formulation of tecaoma undulata (Sm.) seem. Herbal ointment	Materials Today: Proceedings	XXXX	XXXX	XXXX	0.445
29.	Neelam Laxman Dashputre* and Deepti D. Bandawane	2021	Effect of Abelmoschus ficulneus (L.) Wight & Arn. on immunomodulation: in vivo experimental animal models.	Future Journal of Pharmaceutical Sciences. Springer	7	149	11-Jan	-
30.	Udavant P, Kanade G, Khairnar S, Sable R, Dashputre N, Tajanpure A, Rishipathak D, Chhajed S, Tanzeel M, D'Souza S, Ahmad N.	2023	Preclinical Evaluation of Nerolidol's Hepatoprotective and Nephroprotective Potential.	Biomed Pharmacol J	16	4	2083-2097	0.791
31.	Pavan Udavant , Pragati Gurav,	2023	Evaluation of hepatoprotective and	Biomed Pharmacol J	16	1	103-112	0.791

	Gayatri Kanade, Neelam Dashputre, Rahul sable, Shubham Khairnar, Dinesh Rishipathak, Sapana Ahirrao, Hemant Raut		nephroprotective effect of α -pinene on wistar albino rat					
32.	Rahul R. Sable, Divya G. Thite, Pavan B. Udavant, Eknath D. Ahire, Shubham J. Khairnar	2023	Isolation and identification of flavonoids compounds and formulation of tecoma undulata (Sm.) seem. Herbal ointment	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.445
33.	G. S. Deokar *, S. S. Raut and S. J. Kshirsagar	2019	An attempt to understand and validate the factors controlling in-situ raft formation process	International Journal Of Pharmaceutical Sciences And Research	10	10	4657-67	0
34.	G. S. Deokar *, Sakshi Shewale, S. J. Kshirsagar	2019	'Impact of hydrothermal isolation method on the recovery of fenugreek seed hemi-cellulose analyzed through FTIR- DSC-SEM interpretations'	International Journal Of Pharmaceutical Sciences And Research	10	10	4677-84	0
35.	Rakesh Uttamrao Shelke, Dinesh	2023	Bioanalytical method development for quantification of	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.45

	Dattatray Rishipathak		<u>trifluridine with its metabolites and tipiracil in spiked human plasma by solid-phase extraction (SPE) and HPLC with PDA</u>					
36.	Rakesh Shelke, Dinesh Rishipathak	2023	Development and validation of a new bioanalytical method for quantification of CDK4/6 inhibitor in Spiked Human Plasma by HPLC-UV	Current Issues in Pharmacy and Medical Sciences	36	2	81-86	0
37.	Sandeep Sonawane, Santosh Chhajed, Meghana Amale, Moreshwar Patil, Pallavi Bhagade, Alpana Bastikar, Sanjay Kshirsagar	2019	Development and Validation of Stability-Indicating HPLC Method for Estimation of Sertaconazole Nitrate in Bulk and Topical Formulation: Application to Chemical Kinetics	Analytical Chemistry Letters	9	1	86-95	0
38.	Sandeep S Sonawane, Abhijit S Deore, Kirti B Jadhav, Prachi A Khapare, Umesh D Laddha, Moreshwar P Patil, Santosh S Chhajed	2022	Bridging Pharmaceutical Analysis with Computational Chemistry to Ascertain the Pharmacokinetic and Toxicological Profiling of Febuxostat and its Diacid Impurity	Analytical Chemistry Letters	12	2	221-232	0

39.	S. S. Chhajed, S. S. Sonawnae, Pranjali K More, Harshala Chaudhari &S. J. Kshirsagar	2023	HPLC Method Development, Validation and Application to Determining In-Vitro Effect of Levofloxacin on the Availability of Gliclazide	Pharmaceutoical Chemistry Journal	57		445-450	0.9
40.	Rani S Kankate, Parag S Gide, Deepak P Belsare	2019	Design, synthesis and antifungal evaluation of novel benzimidazole tertiary amine type of fluconazole analogues	Arabian Journal of Chemistry	12	8	2224 - 2235	6
41.	Deore Abhijit S, Khairnar Mahendra.V, Shelke Rakesh U.	2022	One-pot, Two-step, Three-Component Synthesis of 2,4- Diamino-3-cyano-5- benzoyl-thiophenes Using Cyanoacetamides and Evaluation of their Biological Activity	Indian Journal of Heterocyclic Chemistry	32	1	97-102	0.365
42.	RANI S. KANKATE, VIKAS C. NATHE, SANJAY J. KSHIRSAGER, SUNITA N. SURSE, SNEHA A. BHALERAO, SHANTANU S. GHODKE, JATIN A. SADHWANI	2023	Bioisosterism based Design, Synthesis and Antifungal Evaluation of Novel Fluconazole Analogues	Asian Journal of Chemistry	35	10		1.69
43.	Rani S Kankate, Sampada L Deshmukh, Ziyaul Haque, Eknath D Ahire,	2023	Producing Highly Predictive Qsar Models Of Benzimidazole Derivatives As Potent Antifungal Agents	Journal of Pharmaceutical Negative Results	14		2285-2293	0.564.

	Sanjay J Kshirsagar							
44.	Rani S Kankate, Vrushali Pawar, Pooja Abhang, Kamini Bhalerao, Yogesh Wankhede, Eknath D Ahire, Sanjay J Kshirsagar	2023	Microwave-Assisted Synthesis And Antifungal Evaluation Of 1, 2, 4- Triazole Derivatives	Journal of Pharmaceutical Negative Results	14	2	2294-2301	0.564.
45.	Sonawane SS, More S.S.Chhajed SS, Kshirsagar SJ	2019	SIMULTANEOUS ESTIMATION OF DAPAGLIFOZIN AND SAXAGLIPTIN IN TABLETS USING TWO CHEMOMETRIC- ASSISTED UV- SPECTROPHOTOMETRIC METHODS.	Indian Drugs	56	3	32-38	-
46.	Sandeep S Sonawane, Santosh S Chhajed, Sana S Attar, Sanjay J Kshirsagar	2019	An approach to select linear regression model in bioanalytical method validation	Journal of Analytical Science and Technology	10	1	7-Jan	3.568
47.	Sandeep S Sonawane, Santosh S Chhajed, Dipika R Jadhav, Nilima A Thombre, Sanjay J Kshirsagar	2020	Development and validation of stability-indicating HPLC method for the quantification of Levetiracetam in bulk and oral solution: application to chemical kinetics	Pharmaceutical Chemistry Journal	54	8	870-876	0.9
48.	Sandeep S Sonawane, Akshay S Patil, Santosh S Chhajed, Dimple	2021	DEVELOPMENT OF A VALIDATED STABILITY-INDICATING METHOD FOR ESTIMATION OF	Indian Drugs	58	1	20-27	

	S Lalchandani, Sanjay J Kshirsagar		ETHIONAMIDE IN TABLETS BY RP-HPLC AND CHARACTERIZATION OF ITS ISOLATED ALKALI DEGRADATION PRODUCT.					
49.	Sandeep S Sonawane, Priyanka T Shinde, Gayatri S Joshi, Sanjay J Kshirsagar	2021	Development and Validation of High- performance Liquid Chromatography Method for Estimation of Seratrodast in Spiked Human Plasma	Thai Journal of Pharmaceutical Sciences	45	5	374 - 378	0.153
50.	Sandeep S Sonawane, Pooja C Bankar, Sanjay J Kshirsagar	2021	Stability-indicating LC method for quantification of azelnidipine: synthesis and characterization of oxidative degradation product	Turkish journal of pharmaceutical sciences	18	5	550-556	1.7
51.	Santosh Subhash Chhajed1, Pramodkumar P Gupta, Sanjay Kshirsagar, Sakshi Tomar, Debarshi Kar Mahapatra, Raji Sundararajan	2020	N-(2-(1H-benzo[d]imidazol-2- yl)Phenyl)-2- (Substituted- styryl)Aniline as Anti- proliferative Agents: Rejuvenating the Importance of Low Molecular Weight Ligands in Oncotherapeutics	Indian Journal of Pharmaceutical Education and Research	54	2	432-439	0.8
52.	Santosh Subhash Chhajed, Yatish Rajendra Rajderkar, Anjali Baburao Tajanpure, Jaiprakash Navnath Sangshetti, Debarshi Kar Mahapatra, Sanjay	2020	Solvent Drop Grinding Approach Assisted Development of Glimepiride Co-crystals: Solubility Enhancement Journey of BCS Class-II Product	Indian Journal of Pharmaceutical Education and Research	54	3	602-609	0.8

	Jayprakash Kshirsagar							
53.	Santosh S. Chhajed1,* , Umesh D. Laddha1,* , Sandeep S. Sonawane1 , Mrunal Pekhale1 , Prajakta Thorat1 , Sanjay J. Kshirsagar1 , Jaiprakash N. Sangshetti	2024	Formulation, Development and Characterization of PLGA-Luliconazole Nanoparticles Loaded Gel System for Topical Fungal Treatment	Indian Journal of Pharmaceutical Education and Research	58	1s	s187-s195	0.8
54.	Santosh S. Chhajed1 & Pooja E. Shinde1 & Sanjay J. Kshirsagar1 & Jayprakash N. Sangshetti2 & PramodKumar P. Gupta3 & Mala M. Parab3 & Debjani Dasgupta3	2020	De-novo design and synthesis of conformationally restricted thiazolidine-2,4-dione analogues: highly selective PPAR- γ agonist in search of anti-diabetic agent	Structural chemistry	31	8	1375-1385	1.78
								73.723

Part 4 Number of reserch Publications in SCI Journals with the affiliation MET (Only for newly joined faculty members with expirience in MET less than 5 years)

Sr. No.	Name of All Authors	Year of Publication	Title	Name of Journal	Vol.	Issue	Page number	Impact Factor
1.	Rakesh Uttamrao Shelke, Dinesh Dattatray Rishipathak	2023	Bioanalytical method development for quantification of trifluridine with its metabolites and tipiracil in spiked human plasma by solid-phase extraction (SPE) and HPLC with PDA	Materials Today: Proceedings	Published Online	Published Online	Published Online	0.45
2.	Rakesh Shelke, Dinesh Rishipathak	2023	Development and validation of a new bioanalytical method for quantification of CDK4/6 inhibitor in Spiked Human Plasma by HPLC-UV	Current Issues in Pharmacy and Medical Sciences	36	2	81-86	0
3.	AS Deore, M Khairnar, RU Shelke	2022	One-pot, Two-step, Three-Component Synthesis of 2, 4-Diamino-3-cyano-5-benzoyl-thiophenes Using Cyanoacetamides and Evaluation of their Biological Activity	INDIAN JOURNAL OF HETEROCYCLIC CHEMISTRY	32	1	97-102	0.334

4.	Moreshwar P. Patil & Santosh S. Chhajed Sandeep S. Sonawane, Abhijit S. Deore, Kirti B. Jadhav, Prachi A. Khapare, Umesh D. Laddha	2022	Bridging Pharmaceutical Analysis with Computational Chemistry to Ascertain the Pharmacokinetic and Toxicological Profiling of Febuxostat and its Diacid Impurity	Analytical Chemistry Letters	12	2	221-232	0
5.	Udavant P, Kanade G, Khairnar S, Sable R , Dashputre N, Tajanpure A, Rishipathak D, Chhajed S, Tanzeel M, D'Souza S, Ahmad N.	2023	Preclinical Evaluation of Nerolidol's Hepatoprotective and Nephroprotective Potential.	Biomed Pharmacol J	16	4	2083-2097	0.791
6.	Pavan Udavant , Pragati Gurav, Gayatri Kanade, Neelam Dashputre, Rahul sable , Shubham Khairnar, Dinesh Rishipathak, Sapana Ahirrao, Hemant Raut	2023	Evaluation of hepatoprotective and nephroprotective effect of α -pinene on wistar albino rat	Biomed Pharmacol J	16	1	103-112	0.791

7.	Mithun Rudrapal, Johra Khan, Abdul Aziz Bin Dukhyil, Randa Mohammed Ibrahim Ismail Alarousy, Emmanuel Ifeanyi Attah, Tripti Sharma, Shubham Jagdish Khairnar, Atul Rupchand Bendale	2022	Chalcone scaffolds, bioprecursors of flavonoids: Chemistry, bioactivities, and pharmacokinetics	MDPI: Molecule	26	23	7177	4.972
8.	Mithun Rudrapal, Shubham J Khairnar, Johra Khan, Abdulaziz Bin Dukhyil, Mohammad Azam Ansari, Santwana Palai, Rajlakshmi Devi	2022	Dietary Polyphenols and Their Role in Oxidative Stress-Induced Human Diseases: Insights Into Protective Effects, Antioxidant Potentials and Mechanism(s) of Action	Frontiers in pharmacology	13	2022	806470	6.3

9.	Mithun Rudrapal, Ismail Celik, Johra Khan, Mohammad Azam Ansari, Mohammad N Alomary, Fuad Abdullah Alatawi, Rohitash Yadav, Tripti Sharma, Trina Ekawati Tallei, Praveen Kumar Pasala, Ranjan Kumar Sahoo, Shubham J Khairnar , Atul R Bendale, James H Zothantluanga, Dipak Chetia, Sanjay G Walode	2022	Identification of bioactive molecules from Triphala (Ayurvedic herbal formulation) as potential inhibitors of SARS-CoV-2 main protease (Mpro) through computational investigations	Journal of King Saud University-Science (Elsevier)	34	3	101826	3.9
10.	Mithun Rudrapal, Neelutpal Gogoi, Dipak Chetia, Johra Khan, Saeed Banwas, Bader Alshehri, Mohammed A Alaidarous, Umesh D Laddha , Shubham J	2022	Repurposing of phytomedicine-derived bioactive compounds with promising anti-SARS-CoV-2 potential: Molecular docking, MD simulation and drug-likeness/ADMET studies	Saudi journal of biological sciences (Elsevier)	29	4	2432-2446	4.4

	Khairnar, Sanjay G Walode							
11	Nazim Hussain, Bibhuti Bhushan Kakoti, Mithun Rudrapal, Khomendra Kumar Sarwa, Ismail Celik, Emmanuel Ifeyanyi Attah, Shubham Jagadish Khairnar, Soumya Bhattacharya, Ranjan Kumar Sahoo, Sanjay G Walode	2021	Bioactive Antidiabetic Flavonoids from the Stem Bark of Cordia dichotoma Forst.: Identification, Docking and ADMET Studies	Molbank(MDPI)	2021	2	M1234	0.6
12	Mithun Rudrapal, Ismail Celik, Sampath Chinnam, Mohammad Azam Ansari, Johra Khan, Saad Alghamdi, Mazen Almehmadi, James H Zothantluanga, Shubham J Khairnar	2022	Phytocompounds as potential inhibitors of SARS-CoV-2 Mpro and PLpro through computational studies	Saudi journal of biological sciences (Elsevier)	29	5	3456-3465	4.4

13	Emmanuel Ifeanyi Attah, Samson Chibuzo Ugwuagbo, Sampath Chinnam, Fabian Ifeanyi Eze, Charles Okeke Nnadi, Matthias Onyebuchi Agbo, Wilfred Obonga, Mithun Rudrapal, Sanjay G Walode, Aatika Nizam, Ranjan Kumar Sahoo, Atul R Bendale, Shubham J Khairnar , Mohini R Jagtap	2022	Anti-inflammatory activity of <i>Sabicea brevipes</i> Wernharm (Rubiaceae)	Pharmacia	69	9	311-317	1.1
14	M Rudrapal, I Celik, S Chinnam, MA Ansari, J Khan, S Alghamdi, M Almehmadi, JH Zothantluanga, SJ Khairnar	2022	Phytocompounds of Indian spices as inhibitors of SARS- CoV-2 Mpro and PLpro: Molecular docking, molecular dynamics, and ADMET studies	Saudi Journal of Biological Sciences	29	2022	3456-3465	4.4

15	Sunil Kumar Karumuri Taraka, Praveen Kumar Pasala, Ranjan Kumar Sahoo, Umesh D Laddha, Shubham J Khairnar , Atul R Bendale, Mithun Rudrapal	2022	Atorvastatin ascorbic acid cocrystal strategy to improve the safety and efficacy of atorvastatin	Pharmacia	69	2	295-302	1.1
16	Mithun Rudrapal, Shubham J Khairnar , Johra Khan, Abdulaziz Bin Dukhyil, Mohammad Azam Ansari, Santwana Palai, Rajlakshmi Devi	2022	Dietary Polyphenols and Their Role in Oxidative Stress- Induced Human Diseases: Insights Into Protective Effects, Antioxidant Potentials and Mechanism(s) of Action	Frontiers in pharmacology	13	2022	806470	6.3
							Cumulative IF	39.838