

**KLE Academy of Higher Education and Research 's**  
**Dr. Prabhakar Kore Basic Science Research Center, Belagavi**



Published Research/Review Articles in 2023:  
Total 51



Sl. No.	Authors from BSRC	Title of the Published Research Article	Journal	Publication Details	IF
1	Nerli RB, <b>Ghagane SC</b> , Melanahalli D.	Surgical Robot and its Impact on Health-care Sevices	Journal of the Scientific Society	2023	
2	Chauhan B, <b>Dodamani S</b> , Malik S, Almalki WH, Haque S, Sayyed RZ	Microbial approaches for pharmaceutical wastewater recycling and management for sustainable development: A multicomponent approach	Environmental Research	2023	
3	<b>Sharma RK</b> , <b>Jalalpure SS</b> , Acharya R, Prasad BS, Hegde S.	Molecular genetic diversity and biological activity assessment in <i>Leptadenia reticulata</i> from India	Gene Reports	2023	
4	Gupta S, Puranik SI, <b>Nadaf R</b> , Mujeeb MA, <b>Kulkarni B</b> , <b>Bhatkal A</b> , Aladkatti R, <b>Kumbar VM</b> , <b>Ghagane SC</b> .	Investigation of anti-obesity potential of Simarouba glauca leaves extract using In-vitro method	Karnataka University Journal of Science	2023	

5	<b>Nadaf RD</b> , Nadaf P, Toragall M, CT S.	Response Surface methodology for optimization of media components for production of lipase from <i>Bacillus subtilis</i> KUBT4	Archives of Razi Institute	2023	
6	Vadavi RS, Patil MK, Budri M, <b>Kumbar VM</b> , Gudasi KB, Inamdar SR.	Ferrocene appended highly ICT based molecular sensor for Mg(II) ion application for bioimaging and TLC strip studies	Journal of photochemistry & photobiology, A: chemistry	2023	
7	Gurubasavaraj PM, Sajjan VP, Muñoz- Flores BM, Pérez VM, <b>Patil D</b> , Patil PS, Gummagol NB.	Synthesis, structure–activity relationship studies using density functional theory and in silico molecular docking on substituted benzohydrazide derivatives	Journal of Molecular Structure	2023	
8	Patil R, <b>Nadaf RD</b> , <b>Kumbar VM</b> , <b>Dodamani S</b> , <b>Ghagane SC</b> .	Invitro evaluation of anti-obesity potential of <i>Phyllanthus fraternus</i> leaves	Archives of Razi Institute	2023	
9	<b>Dhanashree Patil</b> , Sae Thakur, Damita Cota, <b>Ramesh Paranjape</b>	Evaluation of in-vitro Effect of Polyphenols to prevent DNA Damage in Colon Cell Line after Bacterial Infection	International Journal for Research in applied Science and Engineering Technology	2023	
10	Peram MR, Dhananjay C, Chandrasekhar N, <b>Kumbar VM</b> , Suryadevara V, Patil SR, El-Zahaby SA	Acetretin loaded nanoethosomal gel for the treatment of psoriasis formulation, optimization, invitro, and invivo assessment	Journal of dispersion Science and Technology	2023	
11	P Kumbhar, V Khade, V Khadake, P Marale, A Manjappa, S Nadaf, <b>V Kumbar</b>	Ifosfamide-Loaded Cubosomes: An Approach to Potentiate Cytotoxicity against MDA-MB-231 Breast Cancer Cells.	Fabad Journal of Pharmaceutical Sciences	2023	
12	Iyer KK, Maiti K, Rayaprol S, Kumar R, Mattepanavar S,	Emergence of partially disordered antiferromagnetism and isothermal magnetization plateau due to geometrical frustration in a metallic compound	Physical Review Materials	2023	

	<b>Dodamani S,</b> Sampathkumaran EV.				
13	Shaikh SA, Bhat SS, Revankar VK, S N, Mahesha, Loknath NK, <b>Kumbar V.</b>	Co (II), Ni (II), Cu (II) and Zn (II) complexes of 1, 8-naphthalimide-based ligand: syntheses, characterizations and evaluation of antibacterial activities	Journal of Coordination Chemistry	2023	
14	<b>Nadaf RD,</b> Dharmalingam S, Zalte SH, Sahu SS, Pandey S, Sharma D, Vippamakula S, Shrivastaw AK, Peeriga R, Kachave10 RN.	Stability Indicating Assay Method Development and Validation of Amlodipine Besylate in Bulk and Tablet Dosage form by UV Spectroscopy and RP-HPLC	Journal of Chemical Health Risks	2023	
15	Shaikh SA, Bhat SS, Revankar VK, Naveen S, Lokanath NK, <b>Kumbar V.</b>	Dinuclear copper (II) complexes bridged with acetate and nitrate anions: Study of protein binding and in-vitro anticancer activity	Inorganica Chimica Acta	2023	
16	<b>Mitali Y Kubade1,</b> <b>Priya P Shetti2*,</b> Sachin Gudasi	New validated ultra-high-performance liquid chromatographic method for estimation of quercetin.	International Journal of Ayurvedic Medicine	2023	
17	Sajjan VP, Gurubasavaraj PM, <b>Patil D, Kumbar V</b>	Design, Synthesis, Biological Evaluation, and Molecular Docking Studies of 4-Nitrobenzohydrazide Derivatives as Potential Anticancer Agents	Chemistry Select	2023	
18	Hiremath MB, Shettar PS, <b>Kumbar VM</b>	Anti-proliferative Activity of Vitex negundo Leaf Extracts on PA1 Human Ovarian Cancer Cell Lines	Archives of Razi Institute	2023	
19	Khot AJ, Ankola AV, <b>Dodamani S,</b> Sankeshwari RM, Kumar RS, Santhosh VN.	Assessment of potential antimicrobial activity of Ocimum basilicum extract and chlorhexidine against Socransky's complex pathogens of oral cavity: An in vitro study	Journal of Indian Society of Periodontology	2023	

20	<b>Shridhar Ghagane</b>	Urinary biomarkers	Current Science Journal	2023	
21	Patil S, Adhyapak A, <b>Shetti P</b> , Gurao R.	Development of a robust and reliable reverse-phase high-performance liquid chromatography (RP-HPLC) method using analytical quality by design principles for the accurate determination of esculin in its bulk form.	<u>Future Journal of Pharmaceutical Sciences</u>	2023	
22	Kadam KS, Gokhale NS, Hugar SM, Kohli N, <b>Dodamani S</b> , <b>Tendulkar S</b> .	Comparative evaluation of antibacterial efficacy of chlorhexidine mouthwash and Momordica charantia, Spinacia oleracea mouthwash against Streptococcus mutans, Lactobacillus spp ...	Journal of Orofacial Sciences	2023	
23	<b>Ghagane SC</b> , Shadab R, Nerli RB, Rai S, Thakur ML, Gomella L.	Voided Urine Sample in the Diagnosis of Prostate Cancer in Patients with Serum PSA Ranging between 2.6 to 10 ng/mL	Asian pacific journal of cancer biology	2023	
24	Mestri S, Hegde S, Toragall M, Puranik SI, Mujeeb MA, <b>Ghagane SC</b>	Molecular detection of urinary microbiome in prostate cancer patients	Journal of the Academy of Clinical Microbiologist	2023	
25	<b>Tendulkar SS</b> , Hattiholi A, Kumbar V, Sangolli M, Shah MA, Bhat K, <b>Dodamani S</b>	Anti-proliferative properties of thymoquinone to overcome cisplatin-induced drug resistance in SKOV-3	<u>European Chemical Bulletin</u>	2023	
26	<b>Tendulkar S</b> , Hattiholi A, <b>Dodamani S</b>	In-silico analysis of thymoquinone as an anti-cancer agent against chemoresistance-associated proteins in ovarian cancer	Journal of Advanced Scientific Research	2023	
27	<b>Bidikar, C.M.</b> , Hurkadale, P.J., Nandanwadkar, S.M., Hegde, H.V., Singh, S., Khale, A. and Phanse, M.,	High-performance thin-layer chromatography fingerprint profile analysis and spectro-densitometric evaluation of antiproliferative antioxidants such as ellagic acid and gallic acid from four widely used Terminalia species	Journal of Planar Chromatography - Modern TLC, 2023	2023	

28	Alsareii SA, Alzerwi NA, Alasmari MY, Alamri AM, Mahnashi MH, Shaikh IA, Savant C, Kulkarni PV, Shettar AK, Hoskeri JH, <b>Kumbar V.</b>	Manilkara zapota L. extract topical ointment application to skin wounds in rats speeds up the healing process	Frontiers in Pharmacology	2023	
29	Shah MA, Sankeshwari RM, Ankola AV, <b>Dodamani S,</b> <b>Tendulkar S,</b> Jalihai S, Khot AJ, Varghese AS, Chavan P, Sankeshwari R, Ankola A.	Antimicrobial Efficacy of Essential Oils and Their Combination Against Microorganisms Associated With Postradiation Therapy in Patients With Head and Neck Cancer: An In Vitro Study	Cureus	2023	
30	<b>Shetti P, Jalalpure SS,</b> Patil AS, Kaur K.	Apigenin-Loaded Stealth Liposomes: Development and Pharmacokinetic Studies for Enhanced Plasma Retention of Drug in Cancer Therapy	Topics in Catalysis	2023	
31	Kadeli V, Kalloli M, <b>Ghagane SC,</b> RB N, Shadab R, Hiremath MB	Cytoreductive nephrectomy plus targeted therapy in patients with metastatic renal cell carcinoma: Our experience. Medical Science	Medical Science	2023	
32	<b>TM Kazi,</b> PM Dandagi	A New Stability-Indicating RP-HPLC Method for Simultaneous Quantification of Diacerein and Aceclofenac in Novel Nanoemulgel Formulation and Commercial Tablet Dosage Form in the Presence of their Major Degradation Products Using DoE Approach	Journal of Chromatographic Science	2023	
33	<b>Kazi TM,</b> Dandagi PM, <b>Biradar PR</b>	A DoE-based fast and synchronous quantification of rhein, aceclofenac, and diclofenac by RP-HPLC-DAD method in spiked Wistar rat plasma: application to pharmacokinetic studies	Chromatography & Related Technologies	2023	

34	R Nerli, M Kalloli, S Rangrez, <b>SC Ghagane</b> , K Vinchurkar, S Shreya, ML Thakur	Diagnosis of Oral Cancers by Targeting VPAC Receptors: Preliminary Report.	Asian Pac J Cancer Prev.	2023	
35	N Rami, <b>B Kulkarni</b> , S Chibber, D Jhala, N Parmar, K Trivedi	In vitro antioxidant and anticancer potential of Annona squamosa L. Extracts against breast cancer	Int. J. Exp. Res. Rev.	2023	
36	Sunil T. Galatage Abdulfattah Yahya M. Alhazmi Maha M. Albazi <b>Vijay Kumbhar</b> Amolkumar KEMPSWADE	Design, Optimization and Characterization of Gemcitabine - Loaded Cubosomes for Treatment of Breast Cancer in MCF-7 Cell Lines	Latin American Journal of Pharmacy	2023	
37	<b>MA Tahashildar</b> , MR Rao, U Hani, SG Shivappa, RP Mahale, A Kumar, R Kumar	Distribution of HCV genotypes among patients attending south Indian tertiary care centre	Journal of Krishna Institute of Medical Sciences University	2023	
38	<b>PR Raikar</b> , PM Dandagi, <b>T Kazi</b>	Development and Validation of Novel RP-HPLC Method for the Simultaneous Estimation of Capecitabine and Thymoquinone in the Biodegradable Nanoparticles using Full Factorial Design	Journal of Chromatographic Science	2023	
39	<b>P Raikar</b> , PM Dandagi, A Balekundri	An HP-TLC densitometric method and fingerprinting for estimating capecitabine and thymoquinone simultaneously and its application in nanoscience using Box-Behnken design	Journal of Liquid Chromatography & Related Technologies	2023	
40	Nerli RB, Vernekar R, Chandra S, Dixit NS, <b>Ghagane SC.</b>	Renal Transplantation in a Patient with Turner Syndrome	Indian Journal of Transplantation	2023	
41	<b>Shridhar Ghagane</b>	Graphical Abstracts. Journal of the Scientific Society	Journal of the Scientific Society	2023	
42	Iyer KK, Rayaprol S, Kumar R, Matteppanavar S, <b>Dodamani S</b> , Maiti K, Sampathkumaran EV.	Magnetic and Transport Anomalies and Large Magnetocaloric Effect in Cubic R <sub>4</sub> PtAl (R= Ho and Er).	Magnetochemistry	2023	

43	RB Nerli, K Vinchurkar, M Kalloli, S Rangrez, <b>SC Ghagane</b> , ML Thakur	Diagnosis of cancer of the cervix by targeting VPAC receptors on exfoliated cervical cells	Brazilian Journal of Oncology	2023	
44	Haritay S, Patil R, Maldar A, Kumar A, Reddy V, Oswal D, <b>Tahashildar MA</b> , Kolakar A, Kabbur S, Prasad JB, Shivaswamy MS.	Waning of Antibody Response Among Vaccinees who Received Two Doses of Covishield Vaccine	Journal of Global Infectious Diseases	2023	
45	Anigol LB, Sajjan VP, Gurubasavaraj PM, Ganachari SV, <b>Patil D.</b>	Study on the effect of pH on the biosynthesis of silver nanoparticles using Capparis moonii fruit extract: their applications in anticancer activity, biocompatibility and photocatalytic degradation	Chemical papers	2023	
46	Umarane P, <b>Ghagane SC</b> , Nerli R.	Prostate Cancer: Germline Mutations in BRCA1 and BRCA2	Asian Pacific Journal of Cancer Biology	2023	
47	Nerli R, Bijjargi S, <b>Ghagane SC</b> , Pattanshetti SA, Rangrez S, Rai S	Covid-19 In Children: A Single Centered Study.	Medical Research Archives.	2023	
48	Jaiswal, R.S., Kanathila, H. and <b>Uppin, R.C</b>	Comparative evaluation of antifungal efficacy and potency of soft liners incorporated with powder extracts of Lawsonia inermis and Withania somnifera on the growth of Candida albicans–An in vitro study	Indian Journal of Health Sciences and Biomedical Research KLEU	2023	
49	<b>Tendulkar SS</b> , Hattiholi A, <b>Kumbar V</b> , Kugaji M, Bhat K, <b>Dodamani S.</b>	Analysing the expression of ovarian cancer genes in PA1 cell lines after the treatment of thymoquinone	Indian Journal of Gynecologic oncology	2023	
50	KK Iyer, S Matteppanavar, <b>S Dodamani</b> , K Maiti, EV Sampathkumaran	Magnetic behavior of cubic Dy <sub>4</sub> RhAl with respect to isostructural Dy <sub>4</sub> PtAl, revealing a novel 4f d-band interaction	Journal of Magnetism and Magnetic Materials.	2023	
51	Sajjan VP, Anigol LB, Gurubasavaraj PM, <b>Patil D</b> , Patil PS, Gummagol NB, Quah CK, Wong QA, Celik I.	New 2-((2-(2,4-dinitrophenyl)hydrazine)ylidene) derivatives: design, synthesis, <i>in silico</i> , and <i>in vitro</i> anticancer studies	Journal of Biomolecular Structure and Dynamics	2023	