

## Published Articles in 2023 (47)

Sr. No.	Title	Authors	Month/Year
1	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	K.K. Iyer, S. Matteppanavar, <b>S. Dodamani</b> , K. Maiti, E.V. Sampathkumaran	Feb 2023
2	Dinuclear copper(II) complexes bridged with acetate and nitrate anions: Study of protein binding and in-vitro anticancer activity	Sabiha A. Shaikha, Satish S. Bhata, Vidyanand K. Revankara*, Naveen S.b, Maheshac, N.K. Lokanathd, <b>Vijay Kumbar</b>	Oct 2023
3	Magnetic and Transport Anomalies and Large Magnetocaloric Effect in Cubic R <sub>4</sub> PtAl (R = Ho and Er)	Kartik K. Iyer , Sudhindra Rayaprol , Ram Kumar , Shidaling Matteppanavar , <b>Suneel Dodamani</b> , Kalobaran Maiti, Echur V. Sampathkumaran	Mar 2023
4	Emergence of partially disordered antiferromagnetism and isothermal magnetization plateau due to geometrical frustration in a metallic compound, Er <sub>2</sub> RhSi <sub>3</sub>	Kartik K Iyer, Kalobaran Maiti, Sudhindra Rayaprol, Ram Kumar, S. Mattepanavar, <b>S. Dodamani</b> , E.V. Sampathkumaran	Sept 2023
5	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	Lakkappa B. Anigol1 · Vinodkumar P. Sajjan1 · Prabhuodeyara M. Gurubasavaraj1 <b>Dhanashree Patil</b> <sup>3</sup> Sharanabasava V. Ganachari2 ·	Jan 2023
6	Evaluation of in-vitro Effect of Polyphenols to prevent DNA Damage in Colon Cell Line after Bacterial Infection	<b>Dhanashree Patil</b> <sup>1</sup> , Sae Thakur <sup>2</sup> , Damita Cota <sup>3</sup> , <b>Ramesh Paranjape</b> <sup>4</sup>	Oct 2023
7	Design, Synthesis, Biological Evaluation, and Molecular Docking Studies of 4-Nitrobenzohydrazide Derivatives as Potential Anticancer Agents	Vinodkumar P. Sajjan, <b>Vijaykumar Kumbar</b> Prabhuodeyara M. Gurubasavaraj, <b>Dhanashree Patil</b> ,	2023
8	New 2-((2-(2,4-dinitrophenyl)hydrazineylidene) derivatives: design, synthesis, in silico, and in vitro anticancer studies	Vinodkumar P. Sajjan, Lakkappa B. Anigol, Prabhuodeyara M. Gurubasavaraj, <b>Dhanashree Patil</b> , Parutagouda Shankaragouda Patil, Neelamma B. Gummagol, Ching Kheng Quah, Qin Ai Wong & Ismail Celik	Jan 2023
9	Stability Indicating Assay Method Development and Validation of Amlodipine Besylate in Bulk and Tablet Dosage form by UV Spectroscopy and RP-HPLC	<b>Rubeen Dadakalandar Nadaf</b> <sup>1</sup> , Sudhar Dharmalingam <sup>2</sup> , Shweta Harshal Zalte <sup>3</sup> , Shyma Sundar Sahu <sup>4</sup> , Swarnima Pandey <sup>5</sup> , Deepak Sharma <sup>6</sup> , Shanmugam Vippamakula <sup>7</sup> , Awinish Kumar Shrivastaw <sup>8</sup> , Raveesha Peeriga <sup>9</sup> , Ramanlal N. Kachave <sup>10</sup>	Oct 2023
10	Apigenin-Loaded Stealth Liposomes: Development	<b>Priya Shetti</b> <sup>1,2</sup> · Sunil S. Jalalpure <sup>1,2</sup> · Archana S. Patil <sup>2,3</sup> Kirtanjot Kaur <sup>2,4</sup>	Mar 2023

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	and Pharmacokinetic Studies for Enhanced Plasma Retention of Drug in Cancer Therapy		
11	Investigation of Anti-obesity Potential of Simarouba glauca Leaves Extract Using in-vitro Method	Sweta Gupta, Shridevi Puranik, <b>Rubeen Nadaf</b> , Mujeeb M A, <b>Bhushan Kulkarni</b> , <b>Abhijit Bhatkal</b> , Ravindranath Aladkatti, <b>Vijay Kumbar</b> , <b>Shridhar Ghagane</b>	Dec 2023
12	New validated Ultra High Performance Liquid Chromatographic method for Estimation of Quercetin	<b>Mitali Y Kubade</b> <sup>1</sup> , <b>Priya P Shetti</b> <sup>2*</sup> , Sachin Gudasi <sup>3</sup>	2023
13	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	Sarvesh Patil <sup>1</sup> , Anjana Adhyapak <sup>1*</sup> , <b>Priya Shetti</b> <sup>2</sup> and Rohan Gurao <sup>1</sup>	2023
14	Diagnosis of Oral Cancers by Targeting VPAC Receptors: Preliminary Report	Rajendra Nerli <sup>1*</sup> , Mahesh Kalloli <sup>2</sup> , Shadab Rangrez <sup>1</sup> , <b>Shridhar C Ghagane</b> <sup>3</sup> , Kumar Vinchurkar <sup>2</sup> , Shreya Chandra <sup>4</sup> , Madhukar L Thakur <sup>5</sup>	May 2023
15	Covid-19 In Children: A Single Centered Study	Rajendra Nerli <sup>1*</sup> , Sonali Bijjargi <sup>3</sup> , <b>Shridhar C. Ghagane</b> <sup>2</sup> , Swapnil A. Pattanshetti <sup>3</sup> , Shadab Rangrez <sup>3</sup> , Shreyas Rai <sup>3</sup>	Jan 2023
16	Cytoreductive nephrectomy plus targeted therapy in patients with metastatic renal cell carcinoma: Our experience	Vishal Kadeli <sup>1</sup> , Mahesh Kalloli <sup>2</sup> , <b>Shridhar C Ghagane</b> <sup>3</sup> , Nerli RB <sup>1*</sup> , Rangrez Shadab <sup>1</sup> , Murigendra B Hiremath <sup>4</sup>	June 2023
17	Diagnosis of cancer of the cervix by targeting VPAC receptors on exfoliated cervical cells	Rajendra B. Nerli <sup>1</sup> , Kumar Vinchurkar <sup>2</sup> , Mahesh Kalloli <sup>2</sup> , Shadab Rangrez <sup>1</sup> , <b>Shridhar C. Ghagane</b> <sup>3</sup> , Madhukar L. Thakur <sup>4</sup>	Feb 2023
18	Renal Transplantation in a Patient with Turner Syndrome	R. B. Nerli <sup>1,2*</sup> , Ritesh Vernekar <sup>3</sup> , Shoubhik Chandra <sup>1</sup> , Neeraj S. Dixit <sup>2</sup> , <b>Shridhar C. Ghagane</b> <sup>2,4</sup>	Mar 2023
19	Role of color Doppler assessment in predicting outcomes of wrist Brescia-Cimino arteriovenous fistula creation: A single-center prospective study	Priyeshkumar Patel <sup>*</sup> , Vikram Prabha <sup>1</sup> , Ritesh R. Verneker <sup>2</sup> , Rajendra B. Nerli <sup>1</sup> , Taral Patel <sup>3</sup> , <b>Shridhar C. Ghagane</b> <sup>4</sup>	Jan 2023
20	Prostate Cancer: Germline Mutations in BRCA1 and BRCA2	Pankaja Umarane <sup>1</sup> , <b>Shridhar C Ghagane</b> <sup>2</sup> , Rajendra Nerli <sup>1</sup>	Jan 2023
21	Voided Urine Sample in the Diagnosis of Prostate Cancer in Patients with Serum PSA Ranging between 2.6 to 10 ng/mL	<b>Shridhar C. Ghagane</b> <sup>1, 2, 3</sup> , Rangrez Shadab <sup>3</sup> , R. B. Nerli <sup>2, 3</sup> , Shreyas Rai <sup>3</sup> , Madhukar L. Thakur <sup>4, 5</sup> , Leonard Gomella <sup>4</sup> ,	July 2023

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22	Graphical Abstracts	Rajendra B. Nerli <sup>1,2</sup> , <b>Shridhar C. Ghagane</b> <sup>2,3</sup>	Mar 2023
23	Ferrocene appended highly ICT based molecular sensor for Mg(II) ion: Application for bio-imaging and TLC strip studies	Chethanakumar, Ramesh S. Vadavi <b>Vijay M. Kumbar</b> , Mallikarjun K. Patil, Kalagouda B. Gudasi, Mahantesh Budri Sanjeev R. Inamdar	Nov 2023
24	Antiproliferative activity of Vitex negundo leaf extract on PA1 Human Ovarian cell lines	Murigendra Hiremath, Priyadarshini Shettar, <b>Vijay Kumbar</b>	April 2023
25	Acitretin-loaded nanoethosomal gel for the treatment of psoriasis: Formulation, optimization, in vitro, and in vivo assessment	Malleswara Rao Peram, Chandrakant Dhananjay, Nagesh Chandrasekhar, <b>Vijay M Kumbar</b> , Vidyadhara Suryadevara, Sachin R Patil & Sally A El-Zahaby	Nov 2023
26	Co(II), Ni(II), Cu(II) and Zn(II) complexes of 1,8-naphthalimide-based ligand: syntheses, characterizations and evaluation of antibacterial activities	Sabiha A. Shaikh, Satish S. Bhat, Vidyanand K. Revankar, Naveen S., Mahesha, N.K. Loknath & <b>Vijay Kumbar</b>	Oct 2023
27	Design, Optimization and Characterization of Gemcitabine - Loaded Cubosomes for Treatment of Breast Cancer in MCF-7 Cell Lines	<b>Vijay M KUMBAR</b> , Amolkumar KEMPWADE, et. al.,	April 2023
28	Manilkara zapota L. extract topical ointment application to skin wounds in rats speeds up the healing process	Saeed Ali Alsareii <sup>1</sup> , Nasser A. N. Alzerwi, Mansour Yousef Alasmari <sup>1</sup> , Abdulrahman Manaa Alamri <sup>1</sup> , Mater H. Mahnashi <sup>3*</sup> , Ibrahim Ahmed Shaikh <sup>4</sup> , Chetan Savant <sup>5</sup> , Preeti V. Kulkarni <sup>5</sup> , Arun K. Shettar <sup>6</sup> , Joy H. Hoskeri <sup>7</sup> and <b>Vijay Kumbar</b>	June 2023
29	Adept green synthesis of Cu <sub>2</sub> O nanoparticles using Kiwi fruit (Actinidia deliciosa) juice and Studies on their cytotoxic activity and antimicrobial evaluation	Barnabas Kodasi a , Ravindra R. Kamble a , * , Jayappa Manjanna d , Swati R. Hoolageri a , Lokesh Bheemayya a , Vishwa B. Nadoni a , Praveen K. Bayannavar a , Shruti Dixit b , Shyam Kumar Vootla b , <b>Vijay M. Kumbar</b>	Jan 2023
30	Ifosfamide-Loaded Cubosomes: An Approach to Potentiate Cytotoxicity against MDA-MB-231 Breast Cancer Cells	Popat S. KUMBHAR , Vishvajit M. KHADE, Varsha S. KHADAKE, Pradnya S. MARALE, Arehalli S. MANJAPPA, Sameer J. NADAF, <b>Vijay M. KUMBAR</b> , Durgacharan A. BHAGWAT, Ravindra A. MARATHE*, John I. DISOUZA	Jan 2023
31	Coumarin-4-yl-1,2,3-triazol-4-yl-methyl-thiazolidine-2,4-diones: Synthesis, glucose uptake activity and cytotoxic evaluation	Tukaram V. Metre Vishwa B. Nadoni a , Barnabas Kodasi a a , Praveen K. Bayannavar , Swati R. Hoolageri a , Arun K. Shettar b a , Lokesh Bheemayya ,	Jan 2023

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		Shrinivas D. Joshi <b>Vijay M. Kumbar</b> and , Ravindra R. Kamble	
32	Assessment of potential antimicrobial activity of Ocimum basilicum extract and chlorhexidine against Socransky's complex pathogens of oral cavity: An in vitro study	Atrey J. Pai Khot, Anil V. Ankola, <b>Suneel Dodamani</b> , <sup>1</sup> Roopali M. Sankeshwari, Ram Surath Kumar, Varkey Nadakkavukaran Santhosh	Sept 2023
33	IN-SILICO ANALYSIS OF THYMOQUINONE AS AN ANTI-CANCER AGENT AGAINST CHEMORESISTANCE-ASSOCIATED PROTEINS IN OVARIAN CANCER	Shivani Tendulkar <sup>1</sup> , Aishwarya Hattiholi <sup>2</sup> , <b>S. Dodamani</b> * <sup>1</sup>	July 2023
34	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	Mehul A. Shah , Roopali M. Sankeshwari , Anil V. Ankola , <b>Suneel Dodamani</b> , Shivani Tendulkar ,Sagar Jalihal , Atrey J. Pai Khot , Anu Sara Varghese , Prajakta Chavan	June 2023
35	Analyzing the Expression of Ovarian Cancer Genes in PA-1 Cells Lines After the Treatment of Thymoquinone	Shivani S. Tendulkar, Manohar Kugaji, Aishwarya Hattiholi, Vijay Kumbar, Kishore Bhat & <b>Suneel Dodamani</b>	Jan 2023
36	Comparative evaluation of antibacterial efficacy of chlorhexidine mouthwash and Momordica charantia, Spinacia oleracea mouthwash against Streptococcus mutans, Lactobacillus spp., and Porphyromonas gingivalis – An in vitro study	Krishna S. Kadam, Niraj S. Gokhale, Shivayogi M. Hugar, Neha Kohli, <b>Suneel Dodamani</b> , Shivani Tendulkar	Aug 2023
37	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	<b>Chaitrali M. Bidikar</b> <sup>1,2</sup> · Pramod J. Hurkadale <sup>1</sup> · Shrikrishna M. Nandanwadkar <sup>3</sup> · Harsha V. Hegde <sup>4</sup> · Sneha Singh <sup>5</sup> · Abhijeet Khale <sup>5</sup> · Manjusha Phanse <sup>5</sup>	July 2023
38	Waning of Antibody Response Among Vaccinees who Received Two Doses of Covishield Vaccine	Shivani Haritay, <b>Rithia Patil</b> <sup>1</sup> , Arif Maldar <sup>2</sup> , Anil Kumar, Vikrama Reddy, Deshna Oswal, <b>Masood Ahmed Tahashildar</b> <sup>1</sup> , Akshay Kolakar, Satish Kabbur, Jang Bahadur Prasad <sup>3</sup> , M. S. Shivaswamy <sup>4</sup> , <b>Ramesh Paranjape</b> <sup>1</sup> , Mubashir Angolkar	Feb 2023
39	A DoE-based fast and synchronous quantification of rhein, aceclofenac,	<b>Taufik M. Kazi</b> , Panchaxari M. Dandagi & Prakash R. Biradar	May 2023

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	and diclofenac by RP HPLC-DAD method in spiked Wistar rat plasma: application to pharmacokinetic studies		
40	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	<b>Taufik M. Kazi</b> <sup>1,2,3</sup> and Panchaxari M. Dandagi <sup>1,*</sup>	Apr 2023
41	In vitro antioxidant and anticancer potential of <i>Annona squamosa</i> L. Extracts against breast cancer	Nehal Rami <sup>1</sup> , <b>Bhushan Kulkarni</b> <sup>2*</sup> , Sandesh Chibber <sup>3</sup> , Devendrasinh Jhala <sup>4</sup> , Nilam Parmar <sup>5</sup> and Krupali Trivedi <sup>6</sup>	Apr 2023
42	Molecular detection of urinary microbiome in prostate cancer patients	Shadab Mestri, Satisha Hegde <sup>1</sup> , Makhadumsab Toragall <sup>2</sup> , Sridevi I. Puranik <sup>3</sup> , M. A. Mujeeb <sup>4</sup> , <b>Shridhar C. Ghagane</b>	July 2023
43	Distribution of HCV genotypes among patients attending south Indian tertiary care centre	<b>Masood Ahmed Tahashildar</b> , Morubagal Raghavendra Rao , Umme Hani , Sowmya G Shivappa , Rashmi P Mahale , Anil Kumar , Ravindran Kumar	Apr-June 2023
44	Microbial approaches for pharmaceutical wastewater recycling and management for sustainable development: A multicomponent approach	Bindiya Chauhan a <b>Suneel Dodamani b</b> Sumira Malik c Waleed Hassan Almalki d Shafiul Haque e f R.Z. Sayyed	Nov 2023
45	Comparative evaluation of antifungal efficacy and potency of soft liners incorporated with powder extracts of <i>Lawsonia inermis</i> and <i>Withania somnifera</i> on the growth of <i>Candida albicans</i> – An in vitro study	Rahul Suresh Jaiswal, Hema Kanathila, <b>Ritiha C. Uppin</b>	Jan 2023
46	ANTI-PROLIFERATIVE PROPERTIES OF THYMOQUINONE TO OVERCOME CISPLATIN-INDUCED DRUG RESISTANCE IN SKOV-3	<b>Shivani S. Tendulkar</b> <sup>1</sup> , Aishwarya Hattiholi <sup>2</sup> , <b>Vijay Kumber</b> <sup>3</sup> , Meenaz Sangolli <sup>4</sup> , Mehul A. Shah <sup>5</sup> , Kishore Bhat <sup>6</sup> , <b>Suneel Dodamani</b> <sup>7*</sup>	2023
47	Surgical Robot and its Impact on Health-Care Services	Rajendra B. Nerli <sup>1,2</sup> , <b>Shridhar C. Ghagane</b> <sup>2,3</sup> , Dayananda Melanahalli <sup>2</sup>	Nov 2023