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Sr.No.	Details of Publication
1	Calixarene capped ZnS quantum dots as an optical nanoprobe for detection and determination of menadione. Kuldeep V. Joshi , Bhoomika K. Joshi, Alok Pandya, Pinkesh G. Sutariya and Shobhana K. Menon. Analyst , 137, 2012, 4647-4650.
2	Polyvinyl pyrrolidone modified ZnS nanoparticles as a highly selective and sensitive nanosensor for the iodide ion. Kuldeep V. Joshi , Bhoomika K. Joshi, Uma Harikrishnan, Manishkumar B. Patel and Shobhana K. Menon. Analytical Methods , 2013, 5 (19), 4973-4977
3	Synthesis and characterization of Polylactic acid-MgO nanocomposites and their effects on anti bacterial activity and cytotoxicity. Kuldeep V. Joshi , Bhoomika K. Joshi, Alok Pandya, Usha Pal and Shobhana K. Menon. Journal of Nanostructured Polymers and Nanocomposites , 8, 4, 2012, 99-106
4	BaCO ₃ nanoparticles embedded retentive and cation selective membrane for separation/recovery of Mg ²⁺ from natural water sources. Niharika Srivastava, Kuldeep V. Joshi , Amit K. Thakur, Shobhana K. Menon, Vinod K. Shahi. Desalination , 352 (2014) 142–149.
5	Rapid colorimetric detection of sulfide using calix[4]arene modified gold nanoparticles as a probe. Alok Pandya, Kuldeep V. Joshi , Nishith R. Modi, Shobhana K. Menon. Sensors and Actuators B , 168, 2012, 54– 61.
6	Analytical detection and method development of anticancer drug Gemcitabine HCl using gold nanoparticles. Bhoomika R. Mistry, Kuldeep V. Joshi , Pinkesh G. Sutariya, Ravindra V. Patel, Shobhana K. Menon. Spectrochimica Acta Part A , 94, 2012, 235– 242.
7	Thioctic acid modified gold nanoprobe for highly specific and ultrasensitive detection of lanthanide in soil and water. Alok Pandya, Kuldeep V. Joshi and Shobhana K. Menon. Analytical Methods , 2012,4, 3102-3106.

8	Evaluation and solubility improvement of Carvedilol: PSC[n]arene inclusion complexes with acute oral toxicity studies. Bhoomika R. Mistry, Kuldeep V. Joshi , Nishith R. Modi, Divyesh Shashtri, Shobhana K. Menon. J Incl Phenom Macrocycl Chem , 73, 2012, 295–303.
9	Improvement of some pharmaceutical properties of mycophenolate mofetil (MMF) by para sulphonatocalix[4]resorcinarene inclusion complex. Nishith R. Modi, Bhoomika Mistry, Kuldeep V. Joshi , Shobhana K. Menon. J Incl Phenom Macrocycl Chem , 70, 2011, 121–128
10	An ICT based “turn on/off” quinoline armed calix[4]arene fluoroionophore: its sensing efficiency towards fluoride from waste water and Zn ²⁺ from blood serum. Pinkesh G. Sutariya, Nishith R. Modi, Alok Pandya, Bhoomika K. Joshi, Kuldeep V. Joshi , Shobhana K. Menon. Analyst , 137, 2012, 5491 – 5494.
11	Novel cationic fullerene derivatized s-triazine scaffolds as photoinduced DNA cleavage agents: design, synthesis, biological evaluation and computational investigation. Manishkumar B. Patel, UmaHarikrishnan, Nikunj N. Valand, Deval S. Mehta, Kuldeep V. Joshi , Sivakumar Prasanth Kumar, Kishor H. Chikhalia, Linz Buoy George, Yogesh T. Jasrai and Shobhana K. Menon. RSC Adv. , 2013,3, 8734-8746
12	Effect of p-sulfonatocalix[4]resorcinarene (PSC[4]R) on the solubility and bioavailability of a poorly water soluble drug lamotrigine (LMN) and computational investigation. Manishkumar B. Patel, Nikunj N. Valand, Nishith R. Modi, Kuldeep V. Joshi , Uma Harikrishnan, Sivakumar Prasanth Kumar, Yogesh T. Jasrai and Shobhana K. Menon. RSC Adv. , 2013,3, 15971-15981

Published Books:

- 1) Nanoparticles, to enhance bioavailability of anti-diabetic drug. **LAMBERT- Academic Publication, Germany-2013, ISBN:978-3-659-45991-7**
- 2) Development of polyacrylic acid nanoemulsion: A new vehical for skincare products. **Lulu Publication, USA-2014, ISBN: 978-1—312-34645-1**
- 3) Development and charcterization of nanosuspension of simvastation for bioavability enhancement. **LAMBERT- Academic Publication, Germany-2015, ISBN:978-3-659-68640-5**