

# Kuldeep K Bansal

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

953  
citations

471509

17  
h-index

580821

25  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1407  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Solid Lipid Nanoparticles: Emerging Colloidal Nano Drug Delivery Systems. <i>Pharmaceutics</i> , 2018, 10, 191.   | 4.5  | 374       |
| 2  | Green Nanotechnology: Advancement in Phytoformulation Research. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 39.  | 1.4  | 85        |
| 3  | New biomaterials from renewable resources – amphiphilic block copolymers from $\epsilon$ -decalactone. <i>Polymer Chemistry</i> , 2015, 6, 7196-7210.   | 3.9  | 45        |
| 4  | Fabrication and characterization of nifedipine loaded $\beta$ -cyclodextrin nanosponges: An in vitro and in vivo evaluation. <i>Journal of Drug Delivery Science and Technology</i> , 2017, 41, 344-350.                            | 3.0  | 42        |
| 5  | Facile methodology of nanoemulsion preparation using oily polymer for the delivery of poorly soluble drugs. <i>Drug Delivery and Translational Research</i> , 2020, 10, 1228-1240.  | 5.8  | 38        |
| 6  | Amphiphilic block copolymers from a renewable $\mu$ -decalactone monomer: prediction and characterization of micellar core effects on drug encapsulation and release. <i>Journal of Materials Chemistry B</i> , 2016, 4, 7119-7129. | 5.8  | 35        |
| 7  | Development and Characterization of Triazine Based Dendrimers for Delivery of Antitumor Agent. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 8395-8404.  | 0.9  | 33        |
| 8  | Renewable poly( $\epsilon$ -decalactone) based block copolymer micelles as drug delivery vehicle: in vitro and in vivo evaluation. <i>Saudi Pharmaceutical Journal</i> , 2018, 26, 358-368.   | 2.7  | 30        |
| 9  | Role of Polymers in 3D Printing Technology for Drug Delivery - An Overview. <i>Current Pharmaceutical Design</i> , 2019, 24, 4979-4990.   | 1.9  | 28        |
| 10 | Formulation Development, In Vitro and In Vivo Evaluation of Topical Hydrogel Formulation of Econazole Nitrate-Loaded $\beta$ -Cyclodextrin Nanosponges. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 3702-3714.           | 3.3  | 27        |
| 11 | Carbon-Based Nanomaterials for Delivery of Biologicals and Therapeutics: A Cutting-Edge Technology. <i>Journal of Carbon Research</i> , 2021, 7, 19.  | 2.7  | 26        |
| 12 | Advances in thermo-responsive polymers exhibiting upper critical solution temperature (UCST). <i>EXPRESS Polymer Letters</i> , 2019, 13, 974-992.   | 2.1  | 22        |
| 13 | Evolution of Nanotechnology in Delivering Drugs to Eyes, Skin and Wounds via Topical Route. <i>Pharmaceutics</i> , 2020, 13, 167.   | 3.8  | 22        |
| 14 | Fundamental Aspects of Lipid-Based Excipients in Lipid-Based Product Development. <i>Pharmaceutics</i> , 2022, 14, 831.   | 4.5  | 22        |
| 15 | Therapeutic Potential of Polymer-Coated Mesoporous Silica Nanoparticles. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 289.   | 2.5  | 21        |
| 16 | Polymer-Drug Conjugates as Nanotheranostic Agents. <i>Journal of Nanotheranostics</i> , 2021, 2, 63-81.   | 3.1  | 20        |
| 17 | Synthetic polymers from renewable feedstocks: an alternative to fossil-based materials in biomedical applications. <i>Therapeutic Delivery</i> , 2020, 11, 297-300.   | 2.2  | 19        |
| 18 | Synthesis and Evaluation of Novel Functional Polymers Derived from Renewable Jasmine Lactone for Stimuli-Responsive Drug Delivery. <i>Advanced Functional Materials</i> , 2021, 31, 2101998.  | 14.9 | 18        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Assessment of Intracellular Delivery Potential of Novel Sustainable Poly( $\epsilon$ -decalactone)-Based Micelles. <i>Pharmaceutics</i> , 2020, 12, 726.  | 4.5 | 10        |
| 20 | Molecular Dynamics Prediction Verified by Experimental Evaluation of the Solubility of Different Drugs in Poly(decalactone) for the Fabrication of Polymeric Nanoemulsions. <i>Advanced NanoBiomed Research</i> , 2022, 2, 2100072.                               | 3.6 | 9         |
| 21 | Antiarthritic Activities of Herbal Isolates: A Comprehensive Review. <i>Coatings</i> , 2021, 11, 1329.  | 2.6 | 6         |
| 22 | Significance of Polymers with $\alpha$ -Allyl $\epsilon$ -Functionality in Biomedicine: An Emerging Class of Functional Polymers. <i>Pharmaceutics</i> , 2022, 14, 798.   | 4.5 | 5         |
| 23 | Evaluation of solubilizing potential of functional poly(jasmine lactone) micelles for hydrophobic drugs: A comparison with commercially available polymers. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2023, 72, 1272-1280. | 3.4 | 5         |
| 24 | Synthesis, characterization and evaluation of in vitro toxicity in hepatocytes of linear polyesters with varied aromatic and aliphatic co-monomers. <i>Journal of Controlled Release</i> , 2016, 244, 214-228.  | 9.9 | 4         |
| 25 | Synthesis of polyester from renewable feedstock: a comparison between microwave and conventional heating. <i>Mendeleev Communications</i> , 2019, 29, 178-180.  | 1.6 | 4         |