

# Dipesh Khanal

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

745  
citations

687363

13  
h-index

552781

26  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1227  
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and Characterization of Inhalable Ivermectin Powders as a Potential COVID-19 Therapy. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2022, , .	1.4	3
2	Dry powder pharmaceutical biologics for inhalation therapy. <i>Advanced Drug Delivery Reviews</i> , 2021, 172, 64-79.	13.7	53
3	Co-spray dried hydrophobic drug formulations with crystalline lactose for inhalation aerosol delivery. <i>International Journal of Pharmaceutics</i> , 2021, 602, 120608.	5.2	6
4	Enteric-coated bacteriophage tablets for oral administration against gastrointestinal infections. <i>International Journal of Pharmaceutics</i> , 2021, 609, 121206.	5.2	9
5	Raman spectroscopic evaluation of crystallinity, chemical composition and stability of pharmaceutical powder aerosols. <i>International Journal of Pharmaceutics</i> , 2021, 611, 121341.	5.2	6
6	Can bacteriophage endolysins be nebulised for inhalation delivery against <i>Streptococcus pneumoniae</i> ? <i>International Journal of Pharmaceutics</i> , 2020, 591, 119982.	5.2	8
7	The protein corona determines the cytotoxicity of nanodiamonds: implications of corona formation and its remodelling on nanodiamond applications in biomedical imaging and drug delivery. <i>Nanoscale Advances</i> , 2020, 2, 4798-4812.	4.6	17
8	Bulk to Nanometer-Scale Infrared Spectroscopy of Pharmaceutical Dry Powder Aerosols. <i>Analytical Chemistry</i> , 2020, 92, 8323-8332.	6.5	22
9	Nanoscale Probing of Liposome Encapsulating Drug Nanocrystal Using Atomic Force Microscopy-Infrared Spectroscopy. <i>Analytical Chemistry</i> , 2020, 92, 9922-9931.	6.5	12
10	Distinct Influence of Saturated Fatty Acids on Malignant and Nonmalignant Human Lung Epithelial Cells. <i>Lipids</i> , 2020, 55, 117-126.	1.7	6
11	Stimuli-sensitive fatty acid-based microparticles for the treatment of lung cancer. <i>Materials Science and Engineering C</i> , 2020, 111, 110801.	7.3	18
12	Inhalable bacteriophage powders: Glass transition temperature and bioactivity stabilization. <i>Bioengineering and Translational Medicine</i> , 2020, 5, e10159.	7.1	35
13	Placenta Stem/Stromal Cell-Derived Extracellular Vesicles for Potential Use in Lung Repair. <i>Proteomics</i> , 2019, 19, e1800166.	2.2	23
14	High Resolution Nanoscale Probing of Bacteriophages in an Inhalable Dry Powder Formulation for Pulmonary Infections. <i>Analytical Chemistry</i> , 2019, 91, 12760-12767.	6.5	12
15	Biological impact of nanodiamond particles – label free, high-resolution methods for nanotoxicity assessment. <i>Nanotoxicology</i> , 2019, 13, 1210-1226.	3.0	8
16	Ciprofloxacin nanocrystals liposomal powders for controlled drug release via inhalation. <i>International Journal of Pharmaceutics</i> , 2019, 566, 641-651.	5.2	47
17	Impact of the Food Additive Titanium Dioxide (E171) on Gut Microbiota-Host Interaction. <i>Frontiers in Nutrition</i> , 2019, 6, 57.	3.7	90
18	High-fidelity probing of the structure and heterogeneity of extracellular vesicles by resonance-enhanced atomic force microscopy infrared spectroscopy. <i>Nature Protocols</i> , 2019, 14, 576-593.	12.0	65

#	ARTICLE	IF	CITATIONS
19	Probing Chemical and Mechanical Nanodomains in Copolymer Nanorods with Correlative Atomic Force Microscopy”Nano”rescopy. Particle and Particle Systems Characterization, 2018, 35, 1700409.	2.3	6
20	None of us is the same as all of us: resolving the heterogeneity of extracellular vesicles using single-vesicle, nanoscale characterization with resonance enhanced atomic force microscope infrared spectroscopy (AFM-IR). Nanoscale Horizons, 2018, 3, 430-438.	8.0	49
21	Nanotoxicity of nanodiamond in two and three dimensional liver models. International Journal of Nanotechnology, 2017, 14, 133.	0.2	9
22	Biospectroscopy of Nanodiamond-Induced Alterations in Conformation of Intra- and Extracellular Proteins: A Nanoscale IR Study. Analytical Chemistry, 2016, 88, 7530-7538.	6.5	50
23	Dose enhancement and cytotoxicity of gold nanoparticles in colon cancer cells when irradiated with kilo”and mega”voltage radiation. Bioengineering and Translational Medicine, 2016, 1, 94-102.	7.1	24
24	Lorentz contact resonance spectroscopy for nanoscale characterisation of structural and mechanical properties of biological, dental and pharmaceutical materials. Journal of Materials Science: Materials in Medicine, 2015, 26, 272.	3.6	8
25	Smart multifunctional drug delivery towards anticancer therapy harmonized in mesoporous nanoparticles. Nanoscale, 2015, 7, 14191-14216.	5.6	153