

# Deep Pooja Kulhari

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

2,183  
citations

201674

27  
h-index

223800

46  
g-index

57  
all docs

57  
docs citations

57  
times ranked

3221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Xanthan gum stabilized gold nanoparticles: Characterization, biocompatibility, stability and cytotoxicity. <i>Carbohydrate Polymers</i> , 2014, 110, 1-9.	10.2	171
2	Trastuzumab-grafted PAMAM dendrimers for the selective delivery of anticancer drugs to HER2-positive breast cancer. <i>Scientific Reports</i> , 2016, 6, 23179.	3.3	133
3	Encapsulation of biophenolic phytochemical EGCG within lipid nanoparticles enhances its stability and cytotoxicity against cancer. <i>Chemistry and Physics of Lipids</i> , 2016, 198, 51-60.	3.2	120
4	Natural polysaccharide functionalized gold nanoparticles as biocompatible drug delivery carrier. <i>International Journal of Biological Macromolecules</i> , 2015, 80, 48-56.	7.5	118
5	Lactoferrin bioconjugated solid lipid nanoparticles: a new drug delivery system for potential brain targeting. <i>Journal of Drug Targeting</i> , 2016, 24, 212-223.	4.4	94
6	Performance evaluation of PAMAM dendrimer based simvastatin formulations. <i>International Journal of Pharmaceutics</i> , 2011, 405, 203-209.	5.2	89
7	Inulin: A novel and stretchy polysaccharide tool for biomedical and nutritional applications. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 852-863.	7.5	83
8	Improving Efficacy, Oral Bioavailability, and Delivery of Paclitaxel Using Protein-Grafted Solid Lipid Nanoparticles. <i>Molecular Pharmaceutics</i> , 2016, 13, 3903-3912.	4.6	80
9	Design of multifunctional peptide collaborated and docetaxel loaded lipid nanoparticles for antiglioma therapy. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 132, 168-179.	4.3	77
10	Optimization of solid lipid nanoparticles prepared by a single emulsification-solvent evaporation method. <i>Data in Brief</i> , 2016, 6, 15-19.	1.0	75
11	Dendrimer-TPGS mixed micelles for enhanced solubility and cellular toxicity of taxanes. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 121, 461-468.	5.0	72
12	Fabrication, characterization and bioevaluation of silibinin loaded chitosan nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 267-273.	7.5	65
13	Peptide conjugated polymeric nanoparticles as a carrier for targeted delivery of docetaxel. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 166-173.	5.0	64
14	Fabrication of surfactant-stabilized nanosuspension of naringenin to surpass its poor physiochemical properties and low oral bioavailability. <i>Phytomedicine</i> , 2018, 40, 48-54.	5.3	56
15	Cyclic-RGDfK peptide conjugated succinoyl-TPGS nanomicelles for targeted delivery of docetaxel to integrin receptor over-expressing angiogenic tumours. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015, 11, 1511-1520.	3.3	51
16	Optimization of carboxylate-terminated poly(amidoamine) dendrimer-mediated cisplatin formulation. <i>Drug Development and Industrial Pharmacy</i> , 2015, 41, 232-238.	2.0	51
17	Bombesin conjugated solid lipid nanoparticles for improved delivery of epigallocatechin gallate for breast cancer treatment. <i>Chemistry and Physics of Lipids</i> , 2019, 224, 104770.	3.2	50
18	Nanomedicines for targeted delivery of etoposide to non-small cell lung cancer using transferrin functionalized nanoparticles. <i>RSC Advances</i> , 2015, 5, 49122-49131.	3.6	45

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19	Cyclic RGDfK Peptide Functionalized Polymeric Nanocarriers for Targeting Gemcitabine to Ovarian Cancer Cells. <i>Molecular Pharmaceutics</i> , 2016, 13, 1491-1500.	4.6	44
20	Determination of solubility, stability and degradation kinetics of morin hydrate in physiological solutions. <i>RSC Advances</i> , 2018, 8, 28836-28842.	3.6	39
21	Designing of fatty acid-surfactant conjugate based nanomicelles of morin hydrate for simultaneously enhancing anticancer activity and oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 175, 202-211.	5.0	36
22	N-acetyl-d-glucosamine-conjugated PAMAM dendrimers as dual receptor-targeting nanocarriers for anticancer drug delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 154, 377-386.	4.3	36
23	Characterization, biorecognitive activity and stability of WGA grafted lipid nanostructures for the controlled delivery of Rifampicin. <i>Chemistry and Physics of Lipids</i> , 2015, 193, 11-17.	3.2	34
24	Bombesin-conjugated nanoparticles improve the cytotoxic efficacy of docetaxel against gastrin-releasing but androgen-independent prostate cancer. <i>Nanomedicine</i> , 2015, 10, 2847-2859.	3.3	33
25	Modulating the site-specific oral delivery of sorafenib using sugar-grafted nanoparticles for hepatocellular carcinoma treatment. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 137, 104978.	4.0	33
26	Inulin-pluronic-stearic acid based double folded nanomicelles for pH-responsive delivery of resveratrol. <i>Carbohydrate Polymers</i> , 2020, 247, 116730.	10.2	32
27	Biomedical Applications of Trastuzumab: As a Therapeutic Agent and a Targeting Ligand. <i>Medicinal Research Reviews</i> , 2015, 35, 849-876.	10.5	31
28	Site-specific delivery of a natural chemotherapeutic agent to human lung cancer cells using biotinylated 2D rGO nanocarriers. <i>Materials Science and Engineering C</i> , 2020, 112, 110884.	7.3	29
29	Poly (amidoamine) dendrimer-mediated hybrid formulation for combination therapy of ramipril and hydrochlorothiazide. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 96, 84-92.	4.0	27
30	Serotonin- $\text{Mn}_3\text{O}_4$ Stearic Acid Bioconjugate-Coated Completely Biodegradable Nanocuboids for Hepatocellular Carcinoma Targeting. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 10170-10182.	8.0	26
31	Genistein encapsulated inulin-stearic acid bioconjugate nanoparticles: Formulation development, characterization and anticancer activity. <i>International Journal of Biological Macromolecules</i> , 2022, 206, 213-221.	7.5	26
32	Bombesin receptors as potential targets for anticancer drug delivery and imaging. <i>International Journal of Biochemistry and Cell Biology</i> , 2019, 114, 105567.	2.8	25
33	Morin hydrate loaded solid lipid nanoparticles: Characterization, stability, anticancer activity, and bioavailability. <i>Chemistry and Physics of Lipids</i> , 2020, 233, 104988.	3.2	25
34	Nanomaterials-Based siRNA Delivery: Routes of Administration, Hurdles and Role of Nanocarriers. , 2019, , 67-114.		19
35	Modulating the Delivery of 5-Fluorouracil to Human Colon Cancer Cells Using Multifunctional Arginine-Coated Manganese Oxide Nanocuboids with MRI Properties. <i>ACS Applied Bio Materials</i> , 2020, 3, 6852-6864.	4.6	17
36	Improving Anticancer Activity of Chrysin using Tumor Microenvironment pH-Responsive and Self-Assembled Nanoparticles. <i>ACS Omega</i> , 2022, 7, 15919-15928.	3.5	17

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37	Potent and Selective Cytotoxic and Anti-inflammatory Gold(III) Compounds Containing Cyclometalated Phosphine Sulfide Ligands. <i>Chemistry - A European Journal</i> , 2019, 25, 14089-14100.	3.3	16
38	Biotinylated Mn <sub>3</sub> O <sub>4</sub> nanocuboids for targeted delivery of gemcitabine hydrochloride to breast cancer and MRI applications. <i>International Journal of Pharmaceutics</i> , 2021, 606, 120895.	5.2	15
39	Designing Two-Dimensional Nanosheets for Improving Drug Delivery to Fucose Receptor Overexpressing Cancer Cells. <i>ChemMedChem</i> , 2018, 13, 2644-2652.	3.2	14
40	Self-assembled and pH-responsive polymeric nanomicelles impart effective delivery of paclitaxel to cancer cells. <i>RSC Advances</i> , 2021, 11, 13928-13939.	3.6	14
41	Baicalin encapsulating lipid-surfactant conjugate based nanomicelles: Preparation, characterization and anticancer activity. <i>Chemistry and Physics of Lipids</i> , 2020, 233, 104978.	3.2	13
42	A nanoscale, biocompatible and amphiphilic prodrug of cabazitaxel with improved anticancer efficacy against 3D spheroids of prostate cancer cells. <i>Materials Advances</i> , 2020, 1, 738-748.	5.4	13
43	Peptide grafted and self-assembled poly( <sup>13</sup> C-glutamic acid)-phenylalanine nanoparticles targeting camptothecin to glioma. <i>Nanomedicine</i> , 2017, 12, 1661-1674.	3.3	10
44	Solid-state properties, solubility, stability and dissolution behaviour of co-amorphous solid dispersions of baicalin. <i>CrystEngComm</i> , 2020, 22, 6128-6136.	2.6	10
45	Lipid-based nanomedicines. , 2018, , 509-528.		9
46	Formulation and dosage of therapeutic nanosuspension for active targeting of docetaxel (WO) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	5.0	8
47	Amorphous nano morin outperforms native molecule in anticancer activity and oral bioavailability. <i>Drug Development and Industrial Pharmacy</i> , 2020, 46, 1123-1132.	2.0	8
48	Serotonin-Functionalized Vit-E Nanomicelles for Targeting of Irinotecan to Prostate Cancer Cells. <i>ACS Applied Bio Materials</i> , 2020, 3, 5093-5102.	4.6	8
49	Inulin coated Mn <sub>3</sub> O <sub>4</sub> nanocuboids coupled with RNA interference reverse intestinal tumorigenesis in Apc knockout murine colon cancer models. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2022, 40, 102504.	3.3	8
50	Dendrimers for diagnostic applications. , 2020, , 291-324.		6
51	Dendrimer-drug conjugates. , 2018, , 277-303.		4
52	Design of Eco-Friendly Gold Nanoparticles for Cancer Treatment. <i>Methods in Molecular Biology</i> , 2019, 1974, 215-221.	0.9	2
53	Surface modification of poly (l-lactic acid) microspheres for site-specific delivery of ketoprofen for chronic inflammatory disease. <i>Journal of Drug Targeting</i> , 2013, 21, 232-239.	4.4	1
54	Cyclic-RGDfK-Directed Docetaxel Loaded Nanomicelles for Angiogenic Tumor Targeting. <i>Methods in Pharmacology and Toxicology</i> , 2015, , 157-168.	0.2	1

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55	Introduction to Nanomedicines: Basic Concept and Applications. , 2021, , 1-23.		0