

# Prem N Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

35  
papers

1,277  
citations

279798

23  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1902  
citing authors

#	ARTICLE	IF	CITATIONS
1	Drug resistance in cancer: mechanisms and tackling strategies. <i>Pharmacological Reports</i> , 2020, 72, 1125-1151.	3.3	118
2	Paclitaxel Formulations: Challenges and Novel Delivery Options. <i>Current Drug Delivery</i> , 2014, 11, 666-686.	1.6	117
3	Development and evaluation of folate functionalized albumin nanoparticles for targeted delivery of gemcitabine. <i>International Journal of Pharmaceutics</i> , 2015, 492, 80-91.	5.2	81
4	Gemcitabine and betulinic acid co-encapsulated PLGA-PEG polymer nanoparticles for improved efficacy of cancer chemotherapy. <i>Materials Science and Engineering C</i> , 2019, 98, 764-771.	7.3	66
5	Advances in P-glycoprotein-based approaches for delivering anticancer drugs: pharmacokinetic perspective and clinical relevance. <i>Expert Opinion on Drug Delivery</i> , 2014, 11, 121-138.	5.0	62
6	Development and evaluation of long-circulating nanoparticles loaded with betulinic acid for improved anti-tumor efficacy. <i>International Journal of Pharmaceutics</i> , 2017, 531, 153-166.	5.2	55
7	Synthesis and characterization of TPGS-gemcitabine prodrug micelles for pancreatic cancer therapy. <i>RSC Advances</i> , 2016, 6, 60126-60137.	3.6	53
8	Recent advances in drug delivery strategies for improved therapeutic efficacy of gemcitabine. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 147-162.	4.0	50
9	Therapeutic applications of betulinic acid nanoformulations. <i>Annals of the New York Academy of Sciences</i> , 2018, 1421, 5-18.	3.8	48
10	Tacrolimus: An updated review on delivering strategies for multifarious diseases. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 217-227.	4.0	48
11	Co-formulation of P-glycoprotein Substrate and Inhibitor in Nanocarriers: An Emerging Strategy for Cancer Chemotherapy. <i>Current Cancer Drug Targets</i> , 2014, 14, 419-433.	1.6	44
12	Synthesis, characterization and mechanistic-insight into the anti-proliferative potential of PLGA-gemcitabine conjugate. <i>International Journal of Pharmaceutics</i> , 2014, 470, 51-62.	5.2	43
13	Synthesis, characterization and augmented anticancer potential of PEG-betulinic acid conjugate. <i>Materials Science and Engineering C</i> , 2017, 73, 616-626.	7.3	39
14	Targeted Drug Delivery Systems for Pancreatic Cancer. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 3462-3482.	1.1	38
15	Biodegradable polymeric system for cisplatin delivery: Development, in vitro characterization and investigation of toxicity profile. <i>Materials Science and Engineering C</i> , 2014, 38, 85-93.	7.3	38
16	Development and characterization of hyaluronic acid modified PLGA based nanoparticles for improved efficacy of cisplatin in solid tumor. <i>Biomedicine and Pharmacotherapy</i> , 2017, 95, 856-864.	5.6	38
17	CD44 targeted PLGA nanomedicines for cancer chemotherapy. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 121, 47-58.	4.0	36
18	Development and mechanistic insight into enhanced cytotoxic potential of hyaluronic acid conjugated nanoparticles in CD44 overexpressing cancer cells. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 97, 79-91.	4.0	33

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19	Recent advances in tumor microenvironment associated therapeutic strategies and evaluation models. <i>Materials Science and Engineering C</i> , 2020, 116, 111229.	7.3	30
20	Recent Advances in Formulation Strategies for Efficient Delivery of Vitamin D. <i>AAPS PharmSciTech</i> , 2019, 20, 11.	3.3	27
21	Development and evaluation of paclitaxel loaded PLGA:poloxamer blend nanoparticles for cancer chemotherapy. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 393-399.	7.5	26
22	Long-circulatory nanoparticles for gemcitabine delivery: Development and investigation of pharmacokinetics and in-vivo anticancer efficacy. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 92, 183-193.	4.0	26
23	PLGA nanoparticles augmented the anticancer potential of pentacyclic triterpenediol in vivo in mice. <i>RSC Advances</i> , 2016, 6, 74586-74597.	3.6	23
24	Phytochemical add-on therapy to DMARDs therapy in rheumatoid arthritis: In vitro and in vivo bases, clinical evidence and future trends. <i>Pharmacological Research</i> , 2021, 169, 105618.	7.1	23
25	Design, synthesis and comparative analysis of triphenyl-1,2,3-triazoles as anti-proliferative agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 207, 112813.	5.5	21
26	Reduced toxicological manifestations of cisplatin following encapsulation in folate grafted albumin nanoparticles. <i>Life Sciences</i> , 2015, 142, 76-85.	4.3	19
27	Improved efficacy of cisplatin in combination with a nano-formulation of pentacyclic triterpenediol. <i>Materials Science and Engineering C</i> , 2016, 68, 109-116.	7.3	19
28	Hyaluronic Acid-Tacrolimus Bioconjugate: Synthesis, Characterization, and Pharmacokinetic Investigation of an Acid-Responsive Macromolecular Prodrug. <i>ACS Applied Bio Materials</i> , 2019, 2, 4728-4736.	4.6	16
29	Recent Advances in Chitosan-Based Nanomedicines for Cancer Chemotherapy. <i>Springer Series on Polymer and Composite Materials</i> , 2016, , 229-259.	0.7	11
30	Recent Advances in Strategies for Extracellular Matrix Degradation and Synthesis Inhibition for Improved Therapy of Solid Tumors. <i>Current Pharmaceutical Design</i> , 2020, 26, 5456-5467.	1.9	11
31	Tumor micro-environment targeted collagenase-modified albumin nanoparticles for improved drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103366.	3.0	6
32	Implication of methylselenocysteine in combination chemotherapy with gemcitabine for improved anticancer efficacy. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 176, 106238.	4.0	6
33	Mechanistic investigation of synergistic interaction of tocopherol succinate with a quinoline-based inhibitor of mammalian target of rapamycin. <i>Journal of Pharmacy and Pharmacology</i> , 2021, , .	2.4	3
34	Recent Advances in the Surfactant and Controlled Release Polymer-based Solid Dispersion. <i>Current Pharmaceutical Design</i> , 2022, 28, 1643-1659.	1.9	2
35	Benzimidazole-Based Organic-Inorganic Gold Nanohybrids Suppress Invasiveness of Cancer Cells by Modulating EMT Signaling Cascade. <i>ACS Applied Bio Materials</i> , 2021, 4, 470-482.	4.6	1