

# Anitha Sudheesh Kumar

## List of Publications by Citations

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21  
papers

1,738  
citations

15  
h-index

22  
g-index

22  
ext. papers

1,972  
ext. citations

5.9  
avg, IF

4.36  
L-index

#	Paper	IF	Citations
21	Preparation, characterization, in vitro drug release and biological studies of curcumin loaded dextran sulphate-chitosan nanoparticles. <i>Carbohydrate Polymers</i> , <b>2011</b> , 84, 1158-1164	10.3	347
20	Synthesis, characterization, cytotoxicity and antibacterial studies of chitosan, O-carboxymethyl and N,O-carboxymethyl chitosan nanoparticles. <i>Carbohydrate Polymers</i> , <b>2009</b> , 78, 672-677	10.3	283
19	Efficient water soluble O-carboxymethyl chitosan nanocarrier for the delivery of curcumin to cancer cells. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 452-461	10.3	260
18	Preparation of poly(lactic acid)/chitosan nanoparticles for anti-HIV drug delivery applications. <i>Carbohydrate Polymers</i> , <b>2010</b> , 80, 833-838	10.3	172
17	Development of mucoadhesive thiolated chitosan nanoparticles for biomedical applications. <i>Carbohydrate Polymers</i> , <b>2011</b> , 83, 66-73	10.3	122
16	In vitro combinatorial anticancer effects of 5-fluorouracil and curcumin loaded N,O-carboxymethyl chitosan nanoparticles toward colon cancer and in vivo pharmacokinetic studies. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2014</b> , 88, 238-51	5.7	110
15	Combinatorial anticancer effects of curcumin and 5-fluorouracil loaded thiolated chitosan nanoparticles towards colon cancer treatment. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2014</b> , 1840, 2730-43	4	110
14	Curcumin-loaded N,O-carboxymethyl chitosan nanoparticles for cancer drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2012</b> , 23, 1381-400	3.5	88
13	5-fluorouracil loaded N,O-carboxymethyl chitosan nanoparticles as an anticancer nanomedicine for breast cancer. <i>Journal of Biomedical Nanotechnology</i> , <b>2012</b> , 8, 29-42	4	63
12	In vitro evaluation of paclitaxel loaded amorphous chitin nanoparticles for colon cancer drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2013</b> , 104, 245-53	6	49
11	Combinatorial nanomedicines for colon cancer therapy. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , <b>2016</b> , 8, 151-9	9.2	29
10	In vitro and in vivo evaluation of osteoporosis therapeutic peptide PTH 1-34 loaded pegylated chitosan nanoparticles. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 4159-67	5.6	27
9	Synthesis, characterization and preliminary in vitro evaluation of PTH 1-34 loaded chitosan nanoparticles for osteoporosis. <i>Journal of Biomedical Nanotechnology</i> , <b>2012</b> , 8, 98-106	4	26
8	Enhanced delivery system of flutamide loaded chitosan-dextran sulphate nanoparticles for prostate cancer. <i>Journal of Biomedical Nanotechnology</i> , <b>2013</b> , 9, 335-47	4	20
7	Approaches for Functional Modification or Cross-Linking of Chitosan <b>2012</b> , 107-124		15
6	Chitosan Nanomedicine in Cancer Therapy: Targeted Delivery and Cellular Uptake. <i>Macromolecular Bioscience</i> , <b>2021</b> , 21, e2100005	5.5	6
5	PTH 1-34 loaded thiolated chitosan nanoparticles for osteoporosis: oral bioavailability and anabolic effect on primary osteoblast cells. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 166-78	4	5

4	Evaluation of surface layer stability of surface-modified polyester biomaterials. <i>Biointerphases</i> , <b>2020</b> , 15, 061010	1.8	3
3	Protein adsorption to poly(tetrafluoroethylene) membranes modified with grafted poly(acrylic acid) chains. <i>Biointerphases</i> , <b>2020</b> , 15, 031011	1.8	2
2	Evaluation of the in vivo fate of ultrapure alginate in a BALB/c mouse model. <i>Carbohydrate Polymers</i> , <b>2021</b> , 262, 117947	10.3	1
1	Evaluating the effect of synthesis, isolation, and characterisation variables on reported particle size and dispersity of drug loaded PLGA nanoparticles. <i>Materials Advances</i> , <b>2021</b> , 2, 5657-5671	3.3	0