

Sanjeeb K Sahoo

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

61
papers

11,264
citations

40
h-index

61
g-index

61
ext. papers

12,114
ext. citations

7.2
avg, IF

6.72
L-index

#	Paper	IF	Citations
61	Nanoparticles: a boon to drug delivery, therapeutics, diagnostics and imaging. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2012 , 8, 147-66	6	983
60	Rapid endo-lysosomal escape of poly(DL-lactide-co-glycolide) nanoparticles: implications for drug and gene delivery. <i>FASEB Journal</i> , 2002 , 16, 1217-26	0.9	853
59	Nanotech approaches to drug delivery and imaging. <i>Drug Discovery Today</i> , 2003 , 8, 1112-20	8.8	827
58	PLGA nanoparticles containing various anticancer agents and tumour delivery by EPR effect. <i>Advanced Drug Delivery Reviews</i> , 2011 , 63, 170-83	18.5	778
57	Residual polyvinyl alcohol associated with poly (D,L-lactide-co-glycolide) nanoparticles affects their physical properties and cellular uptake. <i>Journal of Controlled Release</i> , 2002 , 82, 105-14	11.7	759
56	Iron oxide nanoparticles for sustained delivery of anticancer agents. <i>Molecular Pharmaceutics</i> , 2005 , 2, 194-205	5.6	730
55	Cancer nanotechnology: application of nanotechnology in cancer therapy. <i>Drug Discovery Today</i> , 2010 , 15, 842-50	8.8	433
54	Nanotechnology in ocular drug delivery. <i>Drug Discovery Today</i> , 2008 , 13, 144-51	8.8	404
53	Polymer degradation and in vitro release of a model protein from poly(D,L-lactide-co-glycolide) nano- and microparticles. <i>Journal of Controlled Release</i> , 2003 , 92, 173-87	11.7	398
52	The in vitro stability and in vivo pharmacokinetics of curcumin prepared as an aqueous nanoparticulate formulation. <i>Biomaterials</i> , 2010 , 31, 6597-611	15.6	380
51	Dual drug loaded superparamagnetic iron oxide nanoparticles for targeted cancer therapy. <i>Biomaterials</i> , 2010 , 31, 3694-706	15.6	316
50	Polymeric nanoparticles for cancer therapy. <i>Journal of Drug Targeting</i> , 2008 , 16, 108-23	5.4	289
49	Efficacy of transferrin-conjugated paclitaxel-loaded nanoparticles in a murine model of prostate cancer. <i>International Journal of Cancer</i> , 2004 , 112, 335-40	7.5	278
48	Enhanced antiproliferative activity of transferrin-conjugated paclitaxel-loaded nanoparticles is mediated via sustained intracellular drug retention. <i>Molecular Pharmaceutics</i> , 2005 , 2, 373-83	5.6	271
47	Fluorescence and electron microscopy probes for cellular and tissue uptake of poly(D,L-lactide-co-glycolide) nanoparticles. <i>International Journal of Pharmaceutics</i> , 2003 , 262, 1-11	6.5	262
46	3-D tumor model for in vitro evaluation of anticancer drugs. <i>Molecular Pharmaceutics</i> , 2008 , 5, 849-62	5.6	260
45	Targeted epidermal growth factor receptor nanoparticle bioconjugates for breast cancer therapy. <i>Biomaterials</i> , 2009 , 30, 5737-50	15.6	255

44	Magnetic nanoparticles: a novel platform for cancer theranostics. <i>Drug Discovery Today</i> , 2014 , 19, 474-818.8	18.8	214
43	Long circulating chitosan/PEG blended PLGA nanoparticle for tumor drug delivery. <i>European Journal of Pharmacology</i> , 2011 , 670, 372-83	5.3	193
42	Coformulation of doxorubicin and curcumin in poly(D,L-lactide-co-glycolide) nanoparticles suppresses the development of multidrug resistance in K562 cells. <i>Molecular Pharmaceutics</i> , 2011 , 8, 852-66	5.6	187
41	Intracellular trafficking of nuclear localization signal conjugated nanoparticles for cancer therapy. <i>European Journal of Pharmaceutical Sciences</i> , 2010 , 39, 152-63	5.1	167
40	Characterization of porous PLGA/PLA microparticles as a scaffold for three dimensional growth of breast cancer cells. <i>Biomacromolecules</i> , 2005 , 6, 1132-9	6.9	159
39	Ligand-based targeted therapy for cancer tissue. <i>Expert Opinion on Drug Delivery</i> , 2009 , 6, 285-304	8	154
38	Enhanced antiproliferative activity of Herceptin (HER2)-conjugated gemcitabine-loaded chitosan nanoparticle in pancreatic cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011 , 7, 859-70	6	127
37	Curcumin and its topical formulations for wound healing applications. <i>Drug Discovery Today</i> , 2017 , 22, 1582-1592	8.8	126
36	Nanomedicine: clinical applications of polyethylene glycol conjugated proteins and drugs. <i>Clinical Pharmacokinetics</i> , 2006 , 45, 965-88	6.2	121
35	Sustained wound healing activity of curcumin loaded oleic acid based polymeric bandage in a rat model. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2801-11	5.6	112
34	Long circulation and cytotoxicity of PEGylated gemcitabine and its potential for the treatment of pancreatic cancer. <i>Biomaterials</i> , 2010 , 31, 9340-56	15.6	108
33	Curcumin-encapsulated MePEG/PCL diblock copolymeric micelles: a novel controlled delivery vehicle for cancer therapy. <i>Nanomedicine</i> , 2010 , 5, 433-49	5.6	105
32	Emerging role of nanocarriers to increase the solubility and bioavailability of curcumin. <i>Expert Opinion on Drug Delivery</i> , 2012 , 9, 1347-64	8	86
31	Multifunctional nanoparticle-EpCAM aptamer bioconjugates: a paradigm for targeted drug delivery and imaging in cancer therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2015 , 11, 379-89	6	82
30	Delivery of Dual Drug Loaded Lipid Based Nanoparticles across the Blood-Brain Barrier Impart Enhanced Neuroprotection in a Rotenone Induced Mouse Model of Parkinson's Disease. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1658-1670	5.7	80
29	Receptor mediated tumor targeting: an emerging approach for cancer therapy. <i>Current Drug Delivery</i> , 2011 , 8, 45-58	3.2	79
28	Sustained antibacterial activity of doxycycline-loaded poly(D,L-lactide-co-glycolide) and poly(epsilon-caprolactone) nanoparticles. <i>Nanomedicine</i> , 2009 , 4, 519-30	5.6	77
27	Folate decorated dual drug loaded nanoparticle: role of curcumin in enhancing therapeutic potential of nutlin-3a by reversing multidrug resistance. <i>PLoS ONE</i> , 2012 , 7, e32920	3.7	74

26	Enhanced antiproliferative activity of carboplatin-loaded chitosan-alginate nanoparticles in a retinoblastoma cell line. <i>Acta Biomaterialia</i> , 2010 , 6, 3120-31	10.8	51
25	Reversal of multidrug resistance in vitro by co-delivery of MDR1 targeting siRNA and doxorubicin using a novel cationic poly(lactide-co-glycolide) nanoformulation. <i>International Journal of Pharmaceutics</i> , 2014 , 475, 372-84	6.5	46
24	Antiglioma activity of curcumin-loaded lipid nanoparticles and its enhanced bioavailability in brain tissue for effective glioblastoma therapy. <i>Acta Biomaterialia</i> , 2012 , 8, 2670-87	10.8	43
23	Evaluation of cytotoxicity and mechanism of apoptosis of doxorubicin using folate-decorated chitosan nanoparticles for targeted delivery to retinoblastoma. <i>Cancer Nanotechnology</i> , 2010 , 1, 47-62	7.9	43
22	Inhibition of apoptosis through localized delivery of rapamycin-loaded nanoparticles prevented neointimal hyperplasia and reendothelialized injured artery. <i>Circulation: Cardiovascular Interventions</i> , 2008 , 1, 209-16	6	42
21	Optimization of physicochemical parameters influencing the fabrication of protein-loaded chitosan nanoparticles. <i>Nanomedicine</i> , 2009 , 4, 773-85	5.6	38
20	Multimodal Treatment Eliminates Cancer Stem Cells and Leads to Long-Term Survival in Primary Human Pancreatic Cancer Tissue Xenografts. <i>PLoS ONE</i> , 2013 , 8, e66371	3.7	31
19	Sustained targeting of Bcr-Abl ⁺ leukemia cells by synergistic action of dual drug loaded nanoparticles and its implication for leukemia therapy. <i>Biomaterials</i> , 2011 , 32, 5643-62	15.6	27
18	Etoposide-loaded biodegradable amphiphilic methoxy (poly ethylene glycol) and poly (epsilon caprolactone) copolymeric micelles as drug delivery vehicle for cancer therapy. <i>Drug Delivery</i> , 2010 , 17, 330-42	7	26
17	Epithelial cell adhesion molecule targeted nutlin-3a loaded immunonanoparticles for cancer therapy. <i>Acta Biomaterialia</i> , 2011 , 7, 355-69	10.8	26
16	Augmented Anticancer Efficacy by si-RNA Complexed Drug-Loaded Mesoporous Silica Nanoparticles in Lung Cancer Therapy. <i>ACS Applied Nano Materials</i> , 2018 , 1, 730-740	5.6	21
15	Antibacterial activity of doxycycline-loaded nanoparticles. <i>Methods in Enzymology</i> , 2012 , 509, 61-85	1.7	19
14	Targeted nutlin-3a loaded nanoparticles inhibiting p53-MDM2 interaction: novel strategy for breast cancer therapy. <i>Nanomedicine</i> , 2011 , 6, 489-507	5.6	19
13	Reduced folate carrier independent internalization of PEGylated pemetrexed: a potential nanomedicinal approach for breast cancer therapy. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2828-43	5.6	17
12	Enhanced in vitro antiproliferative effects of EpCAM antibody-functionalized paclitaxel-loaded PLGA nanoparticles in retinoblastoma cells. <i>Molecular Vision</i> , 2011 , 17, 2724-37	2.3	16
11	Toxicogenomics of nanoparticulate delivery of etoposide: potential impact on nanotechnology in retinoblastoma therapy. <i>Cancer Nanotechnology</i> , 2011 , 2, 21-36	7.9	13
10	Magnetic Nanoparticles Labeled Mesenchymal Stem Cells: A Pragmatic Solution toward Targeted Cancer Theranostics. <i>Advanced Healthcare Materials</i> , 2015 , 4, 2078-2089	10.1	11
9	Cancer Nanotheranostics: A Nanomedicinal Approach for Cancer Therapy and Diagnosis. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020 , 20, 1288-1299	2.2	11

8	Exploitation of redox discrepancy in leukemia cells by a reactive oxygen species nanoscavenger for inducing cytotoxicity in imatinib resistant cells. <i>Journal of Colloid and Interface Science</i> , 2016 , 467, 180-191	9.3	9
7	Nano-Sized Carriers for Drug Delivery 2008 , 329-348		7
6	Nanobiotechnology: Application of Nanotechnology in Therapeutics and Diagnosis 2009 , 1, 24-38		6
5	Synergistic activity of combination therapy with PEGylated pemetrexed and gemcitabine for an effective cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 94, 83-93	5.7	5
4	Protective efficacy of crocetin and its nanoformulation against cyclosporine A-mediated toxicity in human embryonic kidney cells. <i>Life Sciences</i> , 2019 , 216, 39-48	6.8	4
3	PEGylation of an osteoclast inhibitory peptide: suitable candidate for the treatment of osteoporosis. <i>International Journal of Pharmaceutics</i> , 2012 , 434, 429-36	6.5	3
2	Observed and model-simulated thermodynamic processes associated with urban heavy rainfall events over Bangalore, India. <i>Meteorological Applications</i> , 2020 , 27, e1854	2.1	2
1	PEGylated Nanoparticles as a Versatile Drug Delivery System 2022 , 309-341		1