Jayant Khandare

List of Publications by Year
in descending order

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32	2,423	430874	395702
papers	citations	18	33
		h-index	g-index

35	35	35	3706
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Polymerâ€“drug conjugates: Progress in polymeric prodrugs. Progress in Polymer Science, 2006, 31, 359-397.	24.7	571
2	Multifunctional dendritic polymers in nanomedicine: opportunities and challenges. Chemical Society Reviews, 2012, 41, 2824-2848.	38.1	384
3	Poly(ethylene glycol)-Prodrug Conjugates: Concept, Design, and Applications. Journal of Drug Delivery, 2012, 2012, 1-17.	2.5	201
4	Preparation, cellular transport, and activity of polyamidoamine-based dendritic nanodevices with a high drug payload. Biomaterials, 2006, 27, 660-669.	11.4	163
5	Activity of Dendrimerâ^'Methotrexate Conjugates on Methotrexate-Sensitive and -Resistant Cell Lines. Bioconjugate Chemistry, 2006, 17, 275-283.	3.6	152
6	Synthesis, Cellular Transport, and Activity of Polyamidoamine Dendrimerâ^'Methylprednisolone Conjugates. Bioconjugate Chemistry, 2005, 16, 330-337.	3.6	142
7	Structure-biocompatibility relationship of dendritic polyglycerol derivatives. Biomaterials, 2010, 31, 4268-4277.	11.4	114
8	New approaches from nanomedicine for treating leishmaniasis. Chemical Society Reviews, 2016, 45, 152-168.	38.1	93
9	Hyperbranched Polymer-Drug Conjugates with High Drug Payload for Enhanced Cellular Delivery. Pharmaceutical Research, 2004, 21, 2185-2195.	3.5	79
10	Cellular imaging using biocompatible dendrimer-functionalized graphene oxide-based fluorescent probe anchored with magnetic nanoparticles. Nanotechnology, 2012, 23, 415101.	2.6	74
11	Targeted Proapoptotic Anticancer Drug Delivery System. Molecular Pharmaceutics, 2007, 4, 668-678.	4.6	60
12	Sizeâ€Ðependant Cellular Uptake of Dendritic Polyglycerol. Small, 2011, 7, 820-829.	10.0	56
13	Effects of Branching Architecture and Linker on the Activity of Hyperbranched Polymerâ^'Drug Conjugates. Bioconjugate Chemistry, 2009, 20, 842-846.	3.6	47
14	Dendronized Multifunctional Amphiphilic Polymers as Efficient Nanocarriers for Biomedical Applications. Macromolecular Rapid Communications, 2015, 36, 254-261.	3.9	44
15	Comparative anti-inflammatory activity of poly(amidoamine) (PAMAM) dendrimerâ€“dexamethasone conjugates with dexamethasone-liposomes. International Journal of Pharmaceutics, 2013, 449, 28-36.	5.2	39
16	Dendritic polyglycerol sulfate as a novel platform for paclitaxel delivery: pitfalls of ester linkage. Nanoscale, 2015, 7, 3923-3932.	5.6	32
17	Dendritic polymers for smart drug delivery applications. Nanoscale, 2015, 7, 3806-3807.	5.6	29
18	Transferrin Decorated Thermoresponsive Nanogels as Magnetic Trap Devices for Circulating Tumor Cells. Macromolecular Rapid Communications, 2016, 37, 439-445.	3.9	26

#	Article	IF	Citations
19	Pharmaceutically Used Polymers: Principles, Structures, and Applications of Pharmaceutical Delivery Systems. Handbook of Experimental Pharmacology, 2010, , 221-250.	1.8	18
20	Enhancing Surface Interactions with Colon Cancer Cells on a Transferrinâ€Conjugated 3D Nanostructured Substrate. Small, 2012, 8, 1657-1663.	10.0	18
21	Cellulose Mediated Transferrin Nanocages for Enumeration of Circulating Tumor Cells for Head and Neck Cancer. Scientific Reports, 2020, 10, 10010.	3.3	18
22	Optimizing Circulating Tumor Cellsâ€™ Capture Efficiency of Magnetic Nanogels by Transferrin Decoration. Polymers, 2018, 10, 174.	4.5	13
23	Poly(ethylene glycol) versus Dendrimer Prodrug Conjugates: Influence of Prodrug Architecture in Cellular Uptake and Transferrin Mediated Targeting. Journal of Biomedical Nanotechnology, 2013, 9, 776-789.	1.1	12
24	Circulating tumor cells as a predictor for poor prognostic factors and overall survival in treatment naÃ¯ve oral squamous cell carcinoma patients. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2022, 134, 73-83.	0.4	9
25	Chemo-specific designs for the enumeration of circulating tumor cells: advances in liquid biopsy. Journal of Materials Chemistry B, 2021, 9, 2946-2978.	5.8	8
26	Nanocarrier anticancer drug-conjugates cause higher cellular deformations: culpable for mischief. Biomaterials Science, 2020, 8, 5729-5738.	5.4	5
27	Structure effect of carbon nanovectors in regulation of cellular responses. Biomaterials Science, 2014, 2, 57-66.	5.4	4
28	Correlation of CTCs with disease progression in Indian oral cancer patients.. Journal of Clinical Oncology, 2020, 38, e15541-e15541.	1.6	3
29	A graphene-sandwiched DNA nano-system: regulation of intercalated doxorubicin for cellular localization. Nanoscale Advances, 2020, 2, 5746-5759.	4.6	2
30	Designing 3D-nanosubstrates mimicking biological cell growth: pitfalls of using 2D substrates in the evaluation of anticancer efficiency. Nanoscale, 2021, 13, 17473-17485.	5.6	2
31	Antibody mediated cotton-archetypal substrate for enumeration of circulating tumor cells and chemotherapy outcome in 3D tumors. Lab on A Chip, 2022, , .	6.0	2
32	Prodrug Conjugate Strategies in Targeted Anticancer Drug Delivery Systems. Advances in Delivery Science and Technology, 2015, , 367-387.	0.4	1