

Virendra Gajbhiye

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,222
citations

159525

30
h-index

161767

54
g-index

60
all docs

60
docs citations

60
times ranked

4157
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of dendrimer-based nanosensors in immunodiagnosis. Colloids and Surfaces B: Biointerfaces, 2022, 209, 112174.	2.5	15
2	Novel 3-fluoro-4-morpholinoaniline derivatives: Synthesis and assessment of anti-cancer activity in breast cancer cells. Journal of Molecular Structure, 2022, 1253, 132127.	1.8	1
3	Stimuli-responsive strategies: Role of various molecules/moieties facilitating the design of stimuli-responsive nanocarriers. , 2022, , 29-60.		3
4	Mesoporous silica nanoparticles-based stimuli-triggered drug release systems. , 2022, , 237-264.		0
5	Dendrimer as a momentous tool in tissue engineering and regenerative medicine. Journal of Controlled Release, 2022, 346, 328-354.	4.8	20
6	Biodegradable dendritic Boltornâ,ç nanoconstructs: A promising avenue for cancer theranostics. International Journal of Pharmaceutics, 2021, 594, 120177.	2.6	14
7	Stimuli-responsive mesoporous silica nanoparticles: A custom-tailored next generation approach in cargo delivery. Materials Science and Engineering C, 2021, 124, 112084.	3.8	27
8	Chemosensitivity assessments of curdlan-doped smart nanocomposites containing erlotinib HCl. International Journal of Biological Macromolecules, 2021, 181, 169-179.	3.6	4
9	Efficient in vitro and in vivo docetaxel delivery mediated by pH-sensitive LPHNPs for effective breast cancer therapy. Colloids and Surfaces B: Biointerfaces, 2021, 203, 111760.	2.5	7
10	MicroRNAs. Journal of Cardiovascular Pharmacology, 2021, Publish Ahead of Print, 773-781.	0.8	1
11	Development of nano-immunosensor with magnetic separation and electrical detection of Escherichia coli using antibody conjugated Fe ₃ O ₄ @Ppy. Nanotechnology, 2021, 32, 085603.	1.3	13
12	Carboxymethyl fenugreek galactomannan-g-poly(N-isopropylacrylamide-co-N,N- ² -methylene-bis-acrylamide)-clay based pH/temperature-responsive nanocomposites as drug-carriers. Materials Science and Engineering C, 2020, 110, 110628.	3.8	27
13	PEGylated nanocarriers: A promising tool for targeted delivery to the brain. Colloids and Surfaces B: Biointerfaces, 2020, 187, 110770.	2.5	42
14	miRNA transfection via poly(amidoamine)-based delivery vector prevents hypoxia/reperfusion-induced cardiomyocyte apoptosis. Nanomedicine, 2020, 15, 163-181.	1.7	14
15	Erlotinib-loaded carboxymethyl tamarind gum semi-interpenetrating nanocomposites. Carbohydrate Polymers, 2020, 230, 115664.	5.1	20
16	Stimuli-responsive biodegradable polyurethane nano-constructs as a potential triggered drug delivery vehicle for cancer therapy. International Journal of Pharmaceutics, 2020, 588, 119781.	2.6	24
17	Non-nuke HIV-1 inhibitor shuttled by mesoporous silica nanoparticles effectively slows down HIV-1 replication in infected human cells. Colloids and Surfaces B: Biointerfaces, 2020, 194, 111227.	2.5	14
18	cRGD functionalised nanocarriers for targeted delivery of bioactives. Journal of Drug Targeting, 2019, 27, 111-124.	2.1	32

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19	Current Status and Future Challenges of Various Polymers as Cancer Therapeutics. , 2019, , 1-20.		3
20	Poly(Phospho Ester) and Poly(Phosphazene) Nanoparticles as a Promising Tool for Anticancer Therapeutics. , 2019, , 123-146.		2
21	Conjugated Polymer Nanoparticles as a Promising Tool for Anticancer Therapeutics. , 2019, , 257-280.		2
22	Smart triblock dendritic unimolecular micelles as pioneering nanomaterials: Advancement pertaining to architecture and biomedical applications. Journal of Controlled Release, 2019, 299, 64-89.	4.8	32
23	Magneto-Conducting Core/Shell Nanoparticles for Biomedical Applications. ChemNanoMat, 2018, 4, 151-164.	1.5	19
24	Decapeptide functionalized targeted mesoporous silica nanoparticles with doxorubicin exhibit enhanced apoptotic effect in breast and prostate cancer cells. International Journal of Nanomedicine, 2018, Volume 13, 7669-7680.	3.3	61
25	A robust pH-sensitive unimolecular dendritic nanocarrier that enables targeted anti-cancer drug delivery via GLUT transporters. Colloids and Surfaces B: Biointerfaces, 2018, 171, 437-444.	2.5	32
26	Mesoporous silica nanoparticles as cutting-edge theranostics: Advancement from merely a carrier to tailor-made smart delivery platform. Journal of Controlled Release, 2018, 287, 35-57.	4.8	69
27	Applications of cobalt ferrite nanoparticles in biomedical nanotechnology. Nanomedicine, 2018, 13, 1221-1238.	1.7	194
28	Folate/ N -acetyl glucosamine conjugated mesoporous silica nanoparticles for targeting breast cancer cells: A comparative study. Colloids and Surfaces B: Biointerfaces, 2017, 156, 203-212.	2.5	47
29	Triptorelin Tethered Multifunctional PAMAM-Histidine-PEG Nanoconstructs Enable Specific Targeting and Efficient Gene Silencing in LHRH Overexpressing Cancer Cells. ACS Applied Materials & Interfaces, 2017, 9, 35562-35573.	4.0	43
30	Ascorbic acid tethered polymeric nanoparticles enable efficient brain delivery of galantamine: An in vitro-in vivo study. Scientific Reports, 2017, 7, 11086.	1.6	31
31	Dendrimers in Targeting and Delivery of Drugs. , 2017, , 363-388.		24
32	Transferrin functionalized chitosan-PEG nanoparticles for targeted delivery of paclitaxel to cancer cells. Colloids and Surfaces B: Biointerfaces, 2016, 148, 363-370.	2.5	89
33	Ligand anchored poly(propyleneimine) dendrimers for brain targeting: Comparative in vitro and in vivo assessment. Journal of Colloid and Interface Science, 2016, 482, 142-150.	5.0	77
34	Drug targeting to arthritic region via folic acid appended surface-engineered multi-walled carbon nanotubes. Journal of Drug Targeting, 2016, 24, 318-327.	2.1	25
35	SiRNA Mediated Gene Silencing: Hurdles, Strategies and Applications. Pharmaceutical Nanotechnology, 2016, 3, 322-333.	0.6	5
36	Synthesis and characterization of dendro-PLGA nanoconjugate for protein stabilization. Colloids and Surfaces B: Biointerfaces, 2015, 134, 279-286.	2.5	17

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37	Drug-loaded nanoparticles induce gene expression in human pluripotent stem cell derivatives. <i>Nanoscale</i> , 2014, 6, 521-531.	2.8	26
38	Synthesis, characterization and targeting potential of zidovudine loaded sialic acid conjugated-mannosylated poly(propyleneimine) dendrimers. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 668-679.	1.9	78
39	Lectin functionalized nanocarriers for gene delivery. <i>Biotechnology Advances</i> , 2013, 31, 552-562.	6.0	29
40	A review of nanocarriers for the delivery of small interfering RNA. <i>Biomaterials</i> , 2012, 33, 7138-7150.	5.7	313
41	Synthesis, characterization and brain targeting potential of paclitaxel loaded thiamine-PPI nanoconjugates. <i>Journal of Drug Targeting</i> , 2012, 20, 841-849.	2.1	47
42	Evaluation of Dendrimer Safety and Efficacy through Cell Line Studies. <i>Current Drug Targets</i> , 2011, 12, 1478-1497.	1.0	57
43	Lactoferrin-Conjugated Dendritic Nanoconstructs for Lung Targeting of Methotrexate. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 2311-2320.	1.6	53
44	The treatment of Glioblastoma Xenografts by surfactant conjugated dendritic nanoconjugates. <i>Biomaterials</i> , 2011, 32, 6213-6225.	5.7	101
45	Pulmonary toxicity of carbon nanotubes: a systematic report. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 40-49.	1.7	192
46	Cancer targeting potential of some ligand-anchored poly(propylene imine) dendrimers: a comparison. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2011, 7, 295-304.	1.7	152
47	Novel Carriers for Controlled Site Specific Delivery of Anti-Inflammatory Agents. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2011, 10, 166-179.	1.1	1
48	Dendrimers as therapeutic agents: a systematic review. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 61, 989-1003.	1.2	148
49	Engineered cellular carrier nanoerythrocytes as potential targeting vectors for anti-malarial drug. <i>Asian Journal of Pharmaceutics (discontinued)</i> , 2010, 4, 116.	0.4	6
50	Micro- and nanocarrier-mediated lung targeting. <i>Expert Opinion on Drug Delivery</i> , 2010, 7, 781-794.	2.4	111
51	Carrier mediated protein and peptide stabilization. <i>Drug Delivery</i> , 2010, 17, 605-616.	2.5	26
52	PEGylated PPI dendritic architectures for sustained delivery of H2 receptor antagonist. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 1155-1166.	2.6	87
53	Enhanced Oral Bioavailability of Griseofulvin via Niosomes. <i>AAPS PharmSciTech</i> , 2009, 10, 1186-92.	1.5	131
54	Dendrimer-Mediated Solubilization, Formulation Development and in Vitro ^{in Vivo} Assessment of Piroxicam. <i>Molecular Pharmaceutics</i> , 2009, 6, 940-950.	2.3	97

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55	Exploring dendrimer towards dual drug delivery: pH responsive simultaneous drug-release kinetics. Journal of Microencapsulation, 2009, 26, 287-296.	1.2	162
56	Dendrimers as therapeutic agents: a systematic review. Journal of Pharmacy and Pharmacology, 2009, 61, 989-1003.	1.2	68
57	Ligand based dendritic systems for tumor targeting. International Journal of Pharmaceutics, 2008, 350, 3-13.	2.6	103
58	Novel PEGylated PPI Dendritic Nanostructures for Sustained Delivery of Anti-Inflammatory Agent. Current Nanoscience, 2008, 4, 267-277.	0.7	33
59	Dendrimeric nanoarchitectures mediated transdermal and oral delivery of bioactives. Indian Journal of Pharmaceutical Sciences, 2008, 70, 431.	1.0	32
60	Pharmaceutical and Biomedical Potential of PEGylated Dendrimers. Current Pharmaceutical Design, 2007, 13, 415-429.	0.9	119