

# Vinod Labhasetwar

## 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.

145 papers	17,988 citations	57 h-index	134 g-index
158 ext. papers	19,214 ext. citations	6.9 avg, IF	6.89 L-index

#	Paper	IF	Citations
145	Biodegradable nanoparticles for drug and gene delivery to cells and tissue. <i>Advanced Drug Delivery Reviews</i> , <b>2003</b> , 55, 329-47	18.5	2562
144	Rapid endo-lysosomal escape of poly(DL-lactide-co-glycolide) nanoparticles: implications for drug and gene delivery. <i>FASEB Journal</i> , <b>2002</b> , 16, 1217-26	0.9	853
143	Nanotech approaches to drug delivery and imaging. <i>Drug Discovery Today</i> , <b>2003</b> , 8, 1112-20	8.8	827
142	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> , <b>2002</b> , 82, 105-14	11.7	759
141	Iron oxide nanoparticles for sustained delivery of anticancer agents. <i>Molecular Pharmaceutics</i> , <b>2005</b> , 2, 194-205	5.6	730
140	Gastrointestinal uptake of biodegradable microparticles: effect of particle size. <i>Pharmaceutical Research</i> , <b>1996</b> , 13, 1838-45	4.5	703
139	The mechanism of uptake of biodegradable microparticles in Caco-2 cells is size dependent. <i>Pharmaceutical Research</i> , <b>1997</b> , 14, 1568-73	4.5	655
138	Biodistribution, clearance, and biocompatibility of iron oxide magnetic nanoparticles in rats. <i>Molecular Pharmaceutics</i> , <b>2008</b> , 5, 316-27	5.6	542
137	Size-dependency of nanoparticle-mediated gene transfection: studies with fractionated nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 244, 105-15	6.5	469
136	Characterization of nanoparticle uptake by endothelial cells. <i>International Journal of Pharmaceutics</i> , <b>2002</b> , 233, 51-9	6.5	434
135	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> , <b>2003</b> , 92, 173-87	11.7	398
134	Biodegradable nanoparticles for cytosolic delivery of therapeutics. <i>Advanced Drug Delivery Reviews</i> , <b>2007</b> , 59, 718-28	18.5	392
133	Magnetic nanoparticles with dual functional properties: drug delivery and magnetic resonance imaging. <i>Biomaterials</i> , <b>2008</b> , 29, 4012-21	15.6	383
132	Dynamics of endocytosis and exocytosis of poly(D,L-lactide-co-glycolide) nanoparticles in vascular smooth muscle cells. <i>Pharmaceutical Research</i> , <b>2003</b> , 20, 212-20	4.5	380
131	Biophysical interactions with model lipid membranes: applications in drug discovery and drug delivery. <i>Molecular Pharmaceutics</i> , <b>2009</b> , 6, 1264-76	5.6	347
130	Nanosystems in Drug Targeting: Opportunities and Challenges. <i>Current Nanoscience</i> , <b>2005</b> , 1, 47-64	1.4	296
129	Formulation and characterization of biodegradable nanoparticles for intravascular local drug delivery. <i>Journal of Controlled Release</i> , <b>1997</b> , 43, 197-212	11.7	287

128	Efficacy of transferrin-conjugated paclitaxel-loaded nanoparticles in a murine model of prostate cancer. <i>International Journal of Cancer</i> , <b>2004</b> , 112, 335-40	7.5	278
127	Enhanced antiproliferative activity of transferrin-conjugated paclitaxel-loaded nanoparticles is mediated via sustained intracellular drug retention. <i>Molecular Pharmaceutics</i> , <b>2005</b> , 2, 373-83	5.6	271
126	Fluorescence and electron microscopy probes for cellular and tissue uptake of poly(D,L-lactide-co-glycolide) nanoparticles. <i>International Journal of Pharmaceutics</i> , <b>2003</b> , 262, 1-11	6.5	262
125	3-D tumor model for in vitro evaluation of anticancer drugs. <i>Molecular Pharmaceutics</i> , <b>2008</b> , 5, 849-62	5.6	260
124	TAT-conjugated nanoparticles for the CNS delivery of anti-HIV drugs. <i>Biomaterials</i> , <b>2008</b> , 29, 4429-38	15.6	253
123	Targeted drug delivery in cancer therapy. <i>Technology in Cancer Research and Treatment</i> , <b>2005</b> , 4, 363-74	2.7	214
122	Quantification of the force of nanoparticle-cell membrane interactions and its influence on intracellular trafficking of nanoparticles. <i>Biomaterials</i> , <b>2008</b> , 29, 4244-52	15.6	209
121	Solid-state solubility influences encapsulation and release of hydrophobic drugs from PLGA/PLA nanoparticles. <i>Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 93, 1804-14	3.9	207
120	Nanoparticle-mediated delivery of superoxide dismutase to the brain: an effective strategy to reduce ischemia-reperfusion injury. <i>FASEB Journal</i> , <b>2009</b> , 23, 1384-95	0.9	197
119	The characteristics and mechanisms of uptake of PLGA nanoparticles in rabbit conjunctival epithelial cell layers. <i>Pharmaceutical Research</i> , <b>2004</b> , 21, 641-8	4.5	187
118	Biodegradable nanoparticles for drug and gene delivery to cells and tissue. <i>Advanced Drug Delivery Reviews</i> , <b>2012</b> , 64, 61-71	18.5	162
117	Characterization of porous PLGA/PLA microparticles as a scaffold for three dimensional growth of breast cancer cells. <i>Biomacromolecules</i> , <b>2005</b> , 6, 1132-9	6.9	159
116	Biophysics of cell membrane lipids in cancer drug resistance: Implications for drug transport and drug delivery with nanoparticles. <i>Advanced Drug Delivery Reviews</i> , <b>2013</b> , 65, 1686-98	18.5	148
115	Local intraluminal infusion of biodegradable polymeric nanoparticles. A novel approach for prolonged drug delivery after balloon angioplasty. <i>Circulation</i> , <b>1996</b> , 94, 1441-8	16.7	148
114	Arterial uptake of biodegradable nanoparticles: effect of surface modifications. <i>Journal of Pharmaceutical Sciences</i> , <b>1998</b> , 87, 1229-34	3.9	142
113	PEG-functionalized magnetic nanoparticles for drug delivery and magnetic resonance imaging applications. <i>Pharmaceutical Research</i> , <b>2010</b> , 27, 2283-95	4.5	140
112	Sustained cytoplasmic delivery of drugs with intracellular receptors using biodegradable nanoparticles. <i>Molecular Pharmaceutics</i> , <b>2004</b> , 1, 77-84	5.6	139
111	Nanoparticle drug delivery system for restenosis. <i>Advanced Drug Delivery Reviews</i> , <b>1997</b> , 24, 63-85	18.5	126

110	Magnetic resonance imaging of multifunctional pluronic stabilized iron-oxide nanoparticles in tumor-bearing mice. <i>Biomaterials</i> , <b>2009</b> , 30, 6748-56	15.6	120
109	Optical imaging and magnetic field targeting of magnetic nanoparticles in tumors. <i>ACS Nano</i> , <b>2010</b> , 4, 5217-24	16.7	117
108	Superoxide dismutase-loaded PLGA nanoparticles protect cultured human neurons under oxidative stress. <i>Applied Biochemistry and Biotechnology</i> , <b>2008</b> , 151, 565-77	3.2	117
107	Critical determinants in PLGA/PLA nanoparticle-mediated gene expression. <i>Pharmaceutical Research</i> , <b>2004</b> , 21, 354-64	4.5	116
106	Drug delivery, cell-based therapies, and tissue engineering approaches for spinal cord injury. <i>Journal of Controlled Release</i> , <b>2015</b> , 219, 141-154	11.7	114
105	Nanotechnology for drug and gene therapy: the importance of understanding molecular mechanisms of delivery. <i>Current Opinion in Biotechnology</i> , <b>2005</b> , 16, 674-80	11.4	112
104	Arterial uptake of biodegradable nanoparticles for intravascular local drug delivery: results with an acute dog model. <i>Journal of Controlled Release</i> , <b>1998</b> , 54, 201-11	11.7	111
103	Effect of molecular structure of cationic surfactants on biophysical interactions of surfactant-modified nanoparticles with a model membrane and cellular uptake. <i>Langmuir</i> , <b>2009</b> , 25, 2369-77	11.7	103
102	Tumor ablation and nanotechnology. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 1880-98	5.6	95
101	Effects of antisense c-myc oligonucleotides on vascular smooth muscle cell proliferation and response to vessel wall injury. <i>Circulation Research</i> , <b>1995</b> , 76, 505-13	15.7	93
100	Clathrin and caveolin-1 expression in primary pigmented rabbit conjunctival epithelial cells: role in PLGA nanoparticle endocytosis. <i>Molecular Vision</i> , <b>2003</b> , 9, 559-68	2.3	91
99	Nanoparticle-mediated catalase delivery protects human neurons from oxidative stress. <i>Cell Death and Disease</i> , <b>2013</b> , 4, e903	9.8	90
98	Drug resistance in breast cancer cells: biophysical characterization of and doxorubicin interactions with membrane lipids. <i>Molecular Pharmaceutics</i> , <b>2010</b> , 7, 2334-48	5.6	87
97	Nanoparticles: cellular uptake and cytotoxicity. <i>Advances in Experimental Medicine and Biology</i> , <b>2014</b> , 811, 73-91	3.6	86
96	Nanoparticle-mediated wild-type p53 gene delivery results in sustained antiproliferative activity in breast cancer cells. <i>Molecular Pharmaceutics</i> , <b>2004</b> , 1, 211-9	5.6	86
95	Biophysical characterization of nanoparticle-endothelial model cell membrane interactions. <i>Molecular Pharmaceutics</i> , <b>2008</b> , 5, 418-29	5.6	76
94	Targeting intracellular targets. <i>Current Drug Delivery</i> , <b>2004</b> , 1, 235-47	3.2	74
93	Targeting anti-HIV drugs to the CNS. <i>Expert Opinion on Drug Delivery</i> , <b>2009</b> , 6, 771-84	8	72

92	A DNA controlled-release coating for gene transfer: transfection in skeletal and cardiac muscle. <i>Journal of Pharmaceutical Sciences</i> , <b>1998</b> , 87, 1347-50	3.9	67
91	Advances in stroke therapy. <i>Drug Delivery and Translational Research</i> , <b>2011</b> , 1, 409-19	6.2	65
90	Magnetic studies of iron oxide nanoparticles coated with oleic acid and Pluronic® block copolymer. <i>Journal of Applied Physics</i> , <b>2005</b> , 97, 10Q905	2.5	60
89	Liposomes as a carrier for oral administration of insulin: effect of formulation factors. <i>Journal of Microencapsulation</i> , <b>1994</b> , 11, 319-25	3.4	58
88	Highly synergistic effect of sequential treatment with epigenetic and anticancer drugs to overcome drug resistance in breast cancer cells is mediated via activation of p21 gene expression leading to G2/M cycle arrest. <i>Molecular Pharmaceutics</i> , <b>2013</b> , 10, 337-52	5.6	57
87	Gene transfection using biodegradable nanospheres: results in tissue culture and a rat osteotomy model. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>1999</b> , 16, 281-290	6	54
86	Polymeric nanoparticles for gene delivery. <i>Expert Opinion on Drug Delivery</i> , <b>2006</b> , 3, 325-44	8	51
85	Tissue plasminogen activator followed by antioxidant-loaded nanoparticle delivery promotes activation/mobilization of progenitor cells in infarcted rat brain. <i>Biomaterials</i> , <b>2016</b> , 81, 169-180	15.6	50
84	Oh the irony: Iron as a cancer cause or cure?. <i>Biomaterials</i> , <b>2011</b> , 32, 9155-8	15.6	48
83	Highly cited research articles in Journal of Controlled Release: Commentaries and perspectives by authors. <i>Journal of Controlled Release</i> , <b>2014</b> , 190, 29-74	11.7	47
82	Arginine-rich polyplexes for gene delivery to neuronal cells. <i>Biomaterials</i> , <b>2015</b> , 60, 151-60	15.6	45
81	Epigenetic modulation of the biophysical properties of drug-resistant cell lipids to restore drug transport and endocytic functions. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 2730-42	5.6	45
80	Inhibition of apoptosis through localized delivery of rapamycin-loaded nanoparticles prevented neointimal hyperplasia and reendothelialized injured artery. <i>Circulation: Cardiovascular Interventions</i> , <b>2008</b> , 1, 209-16	6	42
79	Blast-Associated Shock Waves Result in Increased Brain Vascular Leakage and Elevated ROS Levels in a Rat Model of Traumatic Brain Injury. <i>PLoS ONE</i> , <b>2015</b> , 10, e0127971	3.7	41
78	Epicardial administration of ibutilide from polyurethane matrices: effects on defibrillation threshold and electrophysiologic parameters. <i>Journal of Cardiovascular Pharmacology</i> , <b>1994</b> , 24, 826-40	3.1	39
77	Destination Brain: the Past, Present, and Future of Therapeutic Gene Delivery. <i>Journal of NeuroImmune Pharmacology</i> , <b>2017</b> , 12, 51-83	6.9	36
76	Applications of nanoparticles in the detection and treatment of kidney diseases. <i>Advances in Chronic Kidney Disease</i> , <b>2013</b> , 20, 454-65	4.7	36
75	Relevance of biophysical interactions of nanoparticles with a model membrane in predicting cellular uptake: study with TAT peptide-conjugated nanoparticles. <i>Molecular Pharmaceutics</i> , <b>2009</b> , 6, 1311-20	5.6	35

74	Biomechanics and thermodynamics of nanoparticle interactions with plasma and endosomal membrane lipids in cellular uptake and endosomal escape. <i>Langmuir</i> , <b>2014</b> , 30, 7522-32	4	34
73	Inhibition of tumor angiogenesis and growth by nanoparticle-mediated p53 gene therapy in mice. <i>Cancer Gene Therapy</i> , <b>2012</b> , 19, 530-7	5.4	34
72	Controlled release of U-86983 from double-layer biodegradable matrices: effect of additives on release mechanism and kinetics. <i>Journal of Controlled Release</i> , <b>1997</b> , 45, 177-192	11.7	33
71	Optical imaging to map blood-brain barrier leakage. <i>Scientific Reports</i> , <b>2013</b> , 3, 3117	4.9	32
70	Efficacy of Tat-conjugated ritonavir-loaded nanoparticles in reducing HIV-1 replication in monocyte-derived macrophages and cytocompatibility with macrophages and human neurons. <i>AIDS Research and Human Retroviruses</i> , <b>2011</b> , 27, 853-62	1.6	32
69	Inhibition of bone loss with surface-modulated, drug-loaded nanoparticles in an intraosseous model of prostate cancer. <i>Journal of Controlled Release</i> , <b>2016</b> , 232, 83-92	11.7	32
68	Nanoparticles with antioxidant enzymes protect injured spinal cord from neuronal cell apoptosis by attenuating mitochondrial dysfunction. <i>Journal of Controlled Release</i> , <b>2020</b> , 317, 300-311	11.7	31
67	Efficacy of decitabine-loaded nanogels in overcoming cancer drug resistance is mediated via sustained DNA methyltransferase 1 (DNMT1) depletion. <i>Cancer Letters</i> , <b>2013</b> , 331, 122-9	9.9	30
66	Codelivery of DNA and siRNA via arginine-rich PEI-based polyplexes. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 621-9	5.6	28
65	Selective biophysical interactions of surface modified nanoparticles with cancer cell lipids improve tumor targeting and gene therapy. <i>Cancer Letters</i> , <b>2013</b> , 334, 228-36	9.9	25
64	Nanoparticle-mediated p53 gene therapy for tumor inhibition. <i>Drug Delivery and Translational Research</i> , <b>2011</b> , 1, 43-52	6.2	23
63	Erythropoietin induces excessive neointima formation: a study in a rat carotid artery model of vascular injury. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2007</b> , 12, 237-47	2.6	23
62	Sotalol controlled-release systems for arrhythmias: in vitro characterization, in vivo drug disposition, and electrophysiologic effects. <i>Journal of Pharmaceutical Sciences</i> , <b>1994</b> , 83, 156-64	3.9	23
61	Efficiency of Dispatch and Infiltrator cardiac infusion catheters in arterial localization of nanoparticles in a porcine coronary model of restenosis. <i>Journal of Drug Targeting</i> , <b>2002</b> , 10, 515-23	5.4	22
60	Heterogeneity in nanoparticles influences biodistribution and targeting. <i>Nanomedicine</i> , <b>2014</b> , 9, 267-78	5.6	21
59	Studies on Some Crystalline Forms of Ibuprofen. <i>Drug Development and Industrial Pharmacy</i> , <b>1993</b> , 19, 631-641	3.6	21
58	The effect of intramural delivery of polymeric nanoparticles loaded with the antiproliferative 2-aminochromone U-86983 on neointimal hyperplasia development in balloon-injured porcine coronary arteries. <i>Advanced Drug Delivery Reviews</i> , <b>1997</b> , 24, 87-108	18.5	20
57	Evaluation of new rosin derivatives for pharmaceutical coating. <i>International Journal of Pharmaceutics</i> , <b>2004</b> , 270, 27-36	6.5	18

56	Advancements in the delivery of epigenetic drugs. <i>Expert Opinion on Drug Delivery</i> , <b>2015</b> , 12, 1501-12	8	17
55	Drug Resistant Breast Cancer Cell Line Displays Cancer Stem Cell Phenotype and Responds Sensitive to Epigenetic Drug SAHA. <i>Drug Delivery and Translational Research</i> , <b>2013</b> , 3, 183-94	6.2	17
54	Evaluating accessibility of intravenously administered nanoparticles at the lesion site in rat and pig contusion models of spinal cord injury. <i>Journal of Controlled Release</i> , <b>2019</b> , 302, 160-168	11.7	15
53	Sustained Epigenetic Drug Delivery Depletes Cholesterol-Sphingomyelin Rafts from Resistant Breast Cancer Cells, Influencing Biophysical Characteristics of Membrane Lipids. <i>Langmuir</i> , <b>2015</b> , 31, 11564-73	4	15
52	A novel approach for cancer immunotherapy: tumor cells with anchored superantigen SEA generate effective antitumor immunity. <i>Journal of Clinical Immunology</i> , <b>2004</b> , 24, 294-301	5.7	15
51	Trans-Activating Transcriptional Activator (TAT) Peptide-Mediated Brain Drug Delivery. <i>Journal of Biomedical Nanotechnology</i> , <b>2006</b> , 2, 173-185	4	15
50	Gene-based therapies for restenosis. <i>Advanced Drug Delivery Reviews</i> , <b>1997</b> , 24, 109-120	18.5	12
49	Synergistic combination treatment to break cross talk between cancer cells and bone cells to inhibit progression of bone metastasis. <i>Biomaterials</i> , <b>2020</b> , 227, 119558	15.6	12
48	Superoxide dismutase-loaded biodegradable nanoparticles targeted with a follicle-stimulating hormone peptide protect Sertoli cells from oxidative stress. <i>Fertility and Sterility</i> , <b>2014</b> , 101, 560-7	4.8	11
47	Iontophoresis for modulation of cardiac drug delivery in dogs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1995</b> , 92, 2612-6	11.5	11
46	Effectiveness of Small Interfering RNA Delivery via Arginine-Rich Polyethylenimine-Based Polyplex in Metastatic and Doxorubicin-Resistant Breast Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 902-910	4.7	10
45	The efficacy of controlled release D-sotalol-polyurethane epicardial implants for ventricular arrhythmias due to acute ischemia in dogs. <i>Journal of Controlled Release</i> , <b>1993</b> , 23, 75-85	11.7	10
44	Controlled release implant dosage forms for cardiac arrhythmias: Review and perspectives. <i>Drug Delivery</i> , <b>1996</b> , 3, 137-42	7	9
43	Nanoparticles for delivery of chemotherapeutic agents to tumors. <i>Current Opinion in Investigational Drugs</i> , <b>2007</b> , 8, 477-84		9
42	Influence of local delivery of the protein tyrosine kinase receptor inhibitor tyrphostin-47 on smooth-muscle cell proliferation in a rat carotid balloon-injury model. <i>American Heart Journal</i> , <b>1997</b> , 133, 329-34	4.9	8
41	Building Blocks of Nucleic Acid Nanostructures: Unfolding Thermodynamics of Intramolecular DNA Complexes	191-226	
40	A Milestone in Science: Discovery of the Porosome—The Universal Secretory Machinery in Cells. <i>Journal of Biomedical Nanotechnology</i> , <b>2007</b> , 3, 1-1	4	8
39	Modulated drug release using iontophoresis through heterogeneous cation-exchange membranes. 2. Influence of cation-exchanger content on membrane resistance and characteristic times. <i>Journal of Pharmaceutical Sciences</i> , <b>1994</b> , 83, 1482-94	3.9	8



- 38 Implants for site-specific drug delivery. *Journal of Applied Biomaterials: an Official Journal of the Society for Biomaterials*, **1991**, 2, 211-2 8
- 37 Reaching for the Stars in the Brain: Polymer-Mediated Gene Delivery to Human Astrocytes. *Molecular Therapy - Nucleic Acids*, **2018**, 12, 645-657 10.7 7
- 36 Nano-Sized Carriers for Drug Delivery **2008**, 329-348 7
- 35 Polymeric drug delivery systems for treatment of cardiovascular calcification, arrhythmias and restenosis. *Journal of Controlled Release*, **1995**, 36, 137-147 11.7 7
- 34 Model features of a cardiac iontophoretic drug delivery implant. *Pharmaceutical Research*, **1995**, 12, 790-795 7
- 33 Nanogel-mediated delivery of a cocktail of epigenetic drugs plus doxorubicin overcomes drug resistance in breast cancer cells. *Drug Delivery and Translational Research*, **2018**, 8, 1289-1299 6.2 7
- 32 Prevention of acute inducible atrial flutter in dogs by using an ibutilide-polymer-coated pacing electrode. *Journal of Cardiovascular Pharmacology*, **1998**, 31, 449-55 3.1 6
- 31 Pro-NP protect against TiO<sub>2</sub> nanoparticle-induced phototoxicity in zebrafish model: exploring potential application for skin care. *Drug Delivery and Translational Research*, **2017**, 7, 372-382 6.2 5
- 30 A Method for Quantification of Penetration of Nanoparticles through Skin Layers Using Near-Infrared Optical Imaging. *Cosmetics*, **2015**, 2, 225-235 2.7 5
- 29 Nanotechnology in urology. *Urologic Clinics of North America*, **2009**, 36, 179-88, viii 2.9 5
- 28 Polymeric Nanoparticles for Sustained Down-Regulation of Annexin A2 Lead to Reduction in Proliferation and Migration of Prostate Cancer Cells. *Journal of Biomedical Nanotechnology*, **2007**, 3, 148-159 4.1 5
- 27 Novel delivery of antiarrhythmic agents. *Clinical Pharmacokinetics*, **1995**, 29, 1-5 6.2 5
- 26 A study on zeta potential and dielectric constant of liposomes. *Journal of Microencapsulation*, **1994**, 11, 663-8 3.4 5
- 25 Sustained Proangiogenic Activity of Vascular Endothelial Growth Factor Following Encapsulation in Nanoparticles. *Journal of Biomedical Nanotechnology*, **2005**, 1, 74-82 4 5
- 24 Arginine-Modified Polymers Facilitate Poly (Lactide-Co-Glycolide)-Based Nanoparticle Gene Delivery to Primary Human Astrocytes. *International Journal of Nanomedicine*, **2020**, 15, 3639-3647 7.3 5
- 23 Anatomical Targeting Improves Delivery of Unconjugated Nanoparticles to the Testicle. *Journal of Urology*, **2015**, 194, 1155-61 2.5 4
- 22 Delivery of antioxidant enzymes for prevention of ultraviolet irradiation-induced epidermal damage. *Journal of Dermatological Science*, **2017**, 88, 373-375 4.3 4
- 21 Drug delivery to the testis: current status and potential pathways for the development of novel therapeutics. *Drug Delivery and Translational Research*, **2011**, 1, 351-60 6.2 4



20	Preparation of biodegradable nanoparticles and their use in transfection. <i>Cold Spring Harbor Protocols</i> , <b>2008</b> , 2008, pdb.prot4888	1.2	4
19	What is next for Nanotechnology?. <i>Journal of Biomedical Nanotechnology</i> , <b>2005</b> , 1, 373-374	4	4
18	Electrical stimulation for neuroregeneration in urology: a new therapeutic paradigm. <i>Current Opinion in Urology</i> , <b>2019</b> , 29, 458-465	2.8	4
17	Dendrimers and Hyperbranched Polymers for Drug Delivery105-129		3
16	THE EFFECT OF RESIDUAL POLY(VINYL ALCOHOL) ON BIOPHYSICAL INTERACTION OF NANOPARTICLES WITH ENDOTHELIAL CELL MODEL MEMBRANE. <i>International Journal of Nanoscience</i> , <b>2011</b> , 10, 539-545	0.6	2
15	Biological Applications of Multifunctional Magnetic Nanowires1-22		2
14	Magnetic Nanoparticles in Cancer Diagnosis and Hyperthermic Treatment65-82		2
13	Physical and Biophysical Characteristics of Nanoparticles: Potential Impact on Targeted Drug Delivery. <i>Advances in Delivery Science and Technology</i> , <b>2015</b> , 649-666		1
12	Editorial. <i>Drug Delivery and Translational Research</i> , <b>2011</b> , 1, 1	6.2	1
11	Targeted Gold Nanoparticles for Imaging and Therapy173-189		1
10	Nanotoxicology227-241		1
9	Biodegradable PLGA/PLA Nanoparticles for Anti-Cancer Therapy <b>2006</b> , 243-250		1
8	Neurodegenerative diseases: challenges. <i>Drug Delivery and Translational Research</i> , <b>2011</b> , 1, 349-50	6.2	
7	Drug resistance in cancer therapy. <i>Drug Delivery and Translational Research</i> , <b>2011</b> , 1, 407-8	6.2	
6	Nucleic Acid Delivery and Localizing Delivery with Magnetic Nanoparticles23-63		
5	Brownian Motion in Biological Sensing83-103		
4	Controlling Cell Behavior via DNA and RNA Transfections337-356		
3	Biodegradable Nanospheres: Therapeutic Applications <b>2002</b> , 19-31		

2      Nanoparticles for Gene Delivery. *Drugs and the Pharmaceutical Sciences*, **2007**, 281-290

1      Membrane Lipids and Drug Transport **2016**, 271-290