Tianzhi Yang

List of Publications by Year
in descending order

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48	2,172	279798	223800
papers	citations	23 h-index	46 g-index

49	49	49	3510
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Exosome Delivered Anticancer Drugs Across the Blood-Brain Barrier for Brain Cancer Therapy in Danio Rerio. Pharmaceutical Research, 2015, 32, 2003-2014.	3.5	762
2	Delivery of Small Interfering RNA to Inhibit Vascular Endothelial Growth Factor in Zebrafish Using Natural Brain Endothelia Cell-Secreted Exosome Nanovesicles for the Treatment of Brain Cancer. AAPS Journal, 2017, 19, 475-486.	4.4	154
3	Positively charged polyethylenimines enhance nasal absorption of the negatively charged drug, low molecular weight heparin. Journal of Controlled Release, 2006, 115, 289-297.	9.9	96
4	Comparison of exosome-mimicking liposomes with conventional liposomes for intracellular delivery of siRNA. International Journal of Pharmaceutics, 2018, 550, 100-113.	5.2	95
5	Evaluation of human nasal RPMI 2650 cells grown at an airâ€“liquid interface as a model for nasal drug transport studies. Journal of Pharmaceutical Sciences, 2008, 97, 1165-1178.	3.3	76
6	Exosome-based small RNA delivery: Progress and prospects. Asian Journal of Pharmaceutical Sciences, 2018, 13, 1-11.	9.1	71
7	Cyclodextrins in Nasal Delivery of Low-Molecular-Weight Heparins: In Vivo and in Vitro Studies. Pharmaceutical Research, 2004, 21, 1127-1136.	3.5	67
8	Liquisolid technique and its applications in pharmaceutics. Asian Journal of Pharmaceutical Sciences, 2017, 12, 115-123.	9.1	64
9	Evaluation of bEnd5 cell line as an in vitro model for the bloodâ€“brain barrier under normal and hypoxic/aglycemic conditions. Journal of Pharmaceutical Sciences, 2007, 96, 3196-3213.	3.3	46
10	Structure-function relationships of nonviral gene vectors: Lessons from antimicrobial polymers. Acta Biomaterialia, 2019, 86, 15-40.	8.3	46
11	Pulmonary absorption of insulin mediated by tetradecyl-beta-maltoside and dimethyl-beta-cyclodextrin. Pharmaceutical Research, 2003, 20, 1551-1557.	3.5	45
12	Recent advances on extracellular vesicles in therapeutic delivery: Challenges, solutions, and opportunities. European Journal of Pharmaceutics and Biopharmaceutics, 2017, 119, 381-395.	4.3	45
13	Cell-free synthesis of connexin 43-integrated exosome-mimetic nanoparticles for siRNA delivery. Acta Biomaterialia, 2019, 96, 517-536.	8.3	44
14	Effects of the permeability enhancers, tetradecylmaltoside and dimethyl-Î²-cyclodextrin, on insulin movement across human bronchial epithelial cells (16HBE14oâ¯). European Journal of Pharmaceutical Sciences, 2003, 20, 27-34.	4.0	39
15	Pulmonary Delivery of Low Molecular Weight Heparins. Pharmaceutical Research, 2004, 21, 2009-2016.	3.5	39
16	Functionalized extracellular vesicles as advanced therapeutic nanodelivery systems. European Journal of Pharmaceutical Sciences, 2018, 121, 34-46.	4.0	36
17	Factors influencing the nuclear targeting ability of nuclear localization signals. Journal of Drug Targeting, 2016, 24, 927-933.	4.4	35
18	Thiol Michael addition reaction: a facile tool for introducing peptides into polymerâ€based gene delivery systems. Polymer International, 2018, 67, 25-31.	3.1	34

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19	Protein Kinase C Family Members as a Target for Regulation of Bloodâ€“Brain Barrier Na,K,2Cl-Cotransporter During In Vitro Stroke Conditions and Nicotine Exposure. Pharmaceutical Research, 2006, 23, 291-302.	3.5	32
20	Chain Length-Dependent Effects of Alkylmaltosides on Nasal Absorption of Enoxaparin. Journal of Pharmaceutical Sciences, 2004, 93, 675-683.	3.3	31
21	Verapamil and riluzole cocktail liposomes overcome pharmacoresistance by inhibiting P-glycoprotein in brain endothelial and astrocyte cells: A potent approach to treat amyotrophic lateral sclerosis. European Journal of Pharmaceutical Sciences, 2018, 120, 30-39.	4.0	31
22	Tetradecylmaltoside (TDM) enhancesin vitroandin vivointestinal absorption of enoxaparin, a low molecular weight heparin. Journal of Drug Targeting, 2005, 13, 29-38.	4.4	27
23	Liposome-chaperoned cell-free synthesis for the design of proteoliposomes: Implications for therapeutic delivery. Acta Biomaterialia, 2018, 76, 1-20.	8.3	24
24	Novel guanidinylated bioresponsive poly(amidoamine)s designed for short hairpin RNA delivery. International Journal of Nanomedicine, 2016, Volume 11, 6651-6666.	6.7	23
25	Dissolution enhancement of tadalafil by liquisolid technique. Pharmaceutical Development and Technology, 2017, 22, 77-89.	2.4	23
26	Complexation of a Poly-l-Arginine with Low Molecular Weight Heparin Enhances Pulmonary Absorption of the Drug. Pharmaceutical Research, 2008, 25, 936-948.	3.5	21
27	Exploring the role of peptides in polymer-based gene delivery. Acta Biomaterialia, 2017, 60, 23-37.	8.3	21
28	Comparative Studies on Chitosan and Polylactic-co-glycolic Acid Incorporated Nanoparticles of Low Molecular Weight Heparin. AAPS PharmSciTech, 2012, 13, 1309-1318.	3.3	14
29	Advance in bioequivalence assessment of topical dermatological products. Asian Journal of Pharmaceutical Sciences, 2016, 11, 700-707.	9.1	13
30	Structureâ€“Function Correlations of Poly(Amido Amine)s for Gene Delivery. Macromolecular Bioscience, 2017, 17, 1600297.	4.1	13
31	A biodegradable poly(amido amine) based on the antimicrobial polymer polyhexamethylene biguanide for efficient and safe gene delivery. Colloids and Surfaces B: Biointerfaces, 2019, 182, 110355.	5.0	13
32	Alkanoylsucroses in nasal delivery of low molecular weight heparins: in-vivo absorption and reversibility studies in ratsâ€. Journal of Pharmacy and Pharmacology, 2010, 56, 53-60.	2.4	12
33	In vitroevaluation of optimized liposomes for delivery of small interfering RNA. Journal of Liposome Research, 2014, 24, 270-279.	3.3	12
34	Amphoteric poly(amido amine)s with adjustable balance between transfection efficiency and cytotoxicity for gene delivery. Colloids and Surfaces B: Biointerfaces, 2019, 175, 10-17.	5.0	12
35	Molecular weight determination of a newly synthesized guanidinylated disulfide-containing poly(amido amine) by gel permeation chromatography. Asian Journal of Pharmaceutical Sciences, 2017, 12, 292-298.	9.1	9
36	Disulfideâ€bondâ€containing agamatineâ€cystaminebisacrylamide polymer demonstrates better transfection efficiency and lower cytotoxicity than polyethylenimine in NIH/3T3 cells. Journal of Cellular Biochemistry, 2018, 119, 1767-1779.	2.6	7

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37	Bioreducible poly(amido amine) copolymers derived from histamine and agmatine for highly efficient gene delivery. Polymer International, 2019, 68, 447-455.	3.1	7
38	Cell-free protein synthesis of influenza virus hemagglutinin HA2-integrated virosomes for siRNA delivery. International Journal of Pharmaceutics, 2022, 623, 121890.	5.2	6
39	Nuclear delivery of plasmid DNA determines the efficiency of gene expression. Cell Biology International, 2019, 43, 789-798.	3.0	5
40	Nuclear localization signal peptide enhances transfection efficiency and decreases cytotoxicity of poly(agmatine/N,Nâ€²â€²cystamineâ€bisâ€acrylamide)/pDNA complexes. Journal of Cellular Biochemistry, 2019, 120, 16967-16977.	2.6	4
41	Microdialysis as a tool to determine the skin concentration of mometason furoate in rats. Die Pharmazie, 2014, 69, 787-91.	0.5	4
42	Uptake Pathways of Guandinylated Disulfide Containing Polymers as Nonviral Gene Carrier Delivering DNA to Cells. Journal of Cellular Biochemistry, 2017, 118, 903-913.	2.6	3
43	Virosome, a promising delivery vehicle for siRNA delivery and its novel preparation method. Journal of Drug Delivery Science and Technology, 2022, 74, 103490.	3.0	3
44	Intracellular distribution and internalization pathways of guanidinylated bioresponsive poly(amido) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	9.1	2
45	A dual-functional buformin-mimicking poly(amido amine) for efficient and safe gene delivery. Journal of Drug Targeting, 2020, 28, 923-932.	4.4	2
46	Amphiphilic cationic triblock polymers for p53-mediated triple-negative breast cancer gene therapy. Materials and Design, 2022, 219, 110758.	7.0	2
47	Zebrafish (Danio rerio) as a Viable Model to Study the Blood-Brain Barrier. Neuromethods, 2019, , 187-196.	0.3	1
48	Validation of the stability of paracetamol in extemporaneously compounded suppositories. Journal of Pharmacy Practice and Research, 2019, 49, 219-223.	0.8	0