

# Young Wook Choi

## List of Publications by Year in descending order

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89  
papers

1,989  
citations

218677

26  
h-index

302126

39  
g-index

92  
all docs

92  
docs citations

92  
times ranked

2665  
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification of lipid-based nanocarriers for cancer cell-specific drug targeting. Journal of Pharmaceutical Investigation, 2017, 47, 203-227.	5.3	96
2	Pharmaceutical evaluation of genistein-loaded pluronic micelles for oral delivery. Archives of Pharmcal Research, 2007, 30, 1138-1143.	6.3	89
3	A cationic lipid emulsion/DNA complex as a physically stable and serum-resistant gene delivery system. Pharmaceutical Research, 2000, 17, 314-320.	3.5	78
4	A retinyl palmitate-loaded solid lipid nanoparticle system: Effect of surface modification with dicetyl phosphate on skin permeation in vitro and anti-wrinkle effect in vivo. International Journal of Pharmaceutics, 2013, 452, 311-320.	5.2	70
5	Development of a solidified self-microemulsifying drug delivery system (S-SMEDDS) for atorvastatin calcium with improved dissolution and bioavailability. International Journal of Pharmaceutics, 2016, 506, 302-311.	5.2	60
6	Formulation of microemulsion systems for transdermal delivery of aceclofenac. Archives of Pharmcal Research, 2005, 28, 1097-1102.	6.3	57
7	Improved oral absorption of dutasteride via Soluplus <sup>®</sup> -based supersaturable self-emulsifying drug delivery system (S-SEDDS). International Journal of Pharmaceutics, 2015, 478, 341-347.	5.2	56
8	Enhanced oral bioavailability of valsartan using a polymer-based supersaturable self-microemulsifying drug delivery system. International Journal of Nanomedicine, 2017, Volume 12, 3533-3545.	6.7	53
9	Development and optimization of a self-microemulsifying drug delivery system for atorvastatin calcium by using D-optimal mixture&nbsp;&nbsp;design. International Journal of Nanomedicine, 2015, 10, 3865.	6.7	48
10	Immediate release of ibuprofen from Fujicalin <sup>®</sup> -based fast-dissolving self-emulsifying tablets. Drug Development and Industrial Pharmacy, 2011, 37, 1298-1305.	2.0	45
11	Enhanced dissolution of celecoxib by supersaturating self-emulsifying drug delivery system (S-SEDDS) formulation. Archives of Pharmcal Research, 2013, 36, 69-78.	6.3	44
12	Nanostructured lipid carrier-loaded hyaluronic acid microneedles for controlled dermal delivery of a lipophilic molecule. International Journal of Nanomedicine, 2014, 9, 289.	6.7	42
13	&lt;p&gt;Intravesical delivery of rapamycin via folate-modified liposomes dispersed in thermo-reversible hydrogel&lt;/p&gt;. International Journal of Nanomedicine, 2019, Volume 14, 6249-6268.	6.7	42
14	Facilitated Skin Permeation of Oregonin by Elastic Liposomal Formulations and Suppression of Atopic Dermatitis in NC/Nga Mice. Biological and Pharmaceutical Bulletin, 2010, 33, 100-106.	1.4	41
15	In situ intestinal permeability and in vivo oral bioavailability of celecoxib in supersaturating self-emulsifying drug delivery system. Archives of Pharmcal Research, 2014, 37, 626-635.	6.3	40
16	Design of Multifunctional Liposomal Nanocarriers for Folate Receptor-Specific Intracellular Drug Delivery. Molecular Pharmaceutics, 2015, 12, 4200-4213.	4.6	40
17	Pep-1 peptide-conjugated elastic liposomal formulation of taxifolin glycoside for the treatment of atopic dermatitis in NC/Nga mice. International Journal of Pharmaceutics, 2010, 402, 198-204.	5.2	39
18	Docetaxel-loaded RIPL peptide (IPLVVPLRRRRRRRRRC)-conjugated liposomes: Drug release, cytotoxicity, and antitumor efficacy. International Journal of Pharmaceutics, 2017, 523, 229-237.	5.2	38

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19	Solubilized formulation of olmesartan medoxomil for enhancing oral bioavailability. Archives of Pharmacal Research, 2009, 32, 1629-1635.	6.3	36
20	R IPL peptide (IPLVVPLRRRRRRRRC)-conjugated liposomes for enhanced intracellular drug delivery to hepsin-expressing cancer cells. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 489-499.	4.3	34
21	Enhanced Transdermal Delivery by Combined Application of Dissolving Microneedle Patch on Serum-Treated Skin. Molecular Pharmaceutics, 2017, 14, 2024-2031.	4.6	34
22	Current status of the development of intravesical drug delivery systems for the treatment of bladder cancer. Expert Opinion on Drug Delivery, 2020, 17, 1555-1572.	5.0	33
23	Cationic PLGA/Eudragit RL nanoparticles for increasing retention time in synovial cavity after intra-articular injection in knee joint. International Journal of Nanomedicine, 2015, 10, 5263.	6.7	29
24	Cell penetrating peptides as an innovative approach for drug delivery; then, present and the future. Journal of Pharmaceutical Investigation, 2016, 46, 205-220.	5.3	29
25	Effects of solvent selection and fabrication method on the characteristics of biodegradable poly(lactide-co-glycolide) microspheres containing ovalbumin. Archives of Pharmacal Research, 2000, 23, 385-390.	6.3	28
26	Enhanced topical delivery of tacrolimus by a carbomer hydrogel formulation with transcutol P. Drug Development and Industrial Pharmacy, 2016, 42, 1636-1642.	2.0	28
27	Facilitated permeation of insulin across TR146 cells by cholic acid derivatives-modified elastic bilosomes. International Journal of Nanomedicine, 2018, Volume 13, 5173-5186.	6.7	28
28	Development of a chitosan based double layer-coated tablet as a platform for colon-specific drug delivery. Drug Design, Development and Therapy, 2017, Volume11, 45-57.	4.3	26
29	High-performance liquid chromatographic determination of doxazosin in human plasma for bioequivalence study of controlled release doxazosin tablets. Biomedical Chromatography, 2006, 20, 1172-1177.	1.7	24
30	Increased localized delivery of piroxicam by cationic nanoparticles after intra-articular injection. Drug Design, Development and Therapy, 2016, Volume 10, 3779-3787.	4.3	24
31	R IPL peptide-conjugated nanostructured lipid carriers for enhanced intracellular drug delivery to hepsin-expressing cancer cells. International Journal of Nanomedicine, 2018, Volume 13, 3263-3278.	6.7	24
32	Improved Dissolution and Oral Bioavailability of Valsartan Using a Solidified Supersaturable Self-Microemulsifying Drug Delivery System Containing GelucireA® 44/14. Pharmaceutics, 2019, 11, 58.	4.5	23
33	Development and Evaluation of a Water Soluble Fluorometholone Eye Drop Formulation Employing Polymeric Micelle. Pharmaceutics, 2018, 10, 208.	4.5	22
34	Bile acid transporter-mediated oral absorption of insulin via hydrophobic ion-pairing approach. Journal of Controlled Release, 2021, 338, 644-661.	9.9	22
35	Topical formulation of retinyl retinoate employing nanostructured lipid carriers. Journal of Pharmaceutical Investigation, 2012, 42, 243-250.	5.3	21
36	Solid formulation of a supersaturable self-microemulsifying drug delivery system for valsartan with improved dissolution and bioavailability. Oncotarget, 2017, 8, 94297-94316.	1.8	21

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37	Enhanced dissolution and oral absorption of tacrolimus by supersaturable self-emulsifying drug delivery system. <i>International Journal of Nanomedicine</i> , 2016, 11, 1109.	6.7	20
38	Design and In Vivo Pharmacokinetic Evaluation of Triamcinolone Acetonide Microcrystals-Loaded PLGA Microsphere for Increased Drug Retention in Knees after Intra-Articular Injection. <i>Pharmaceutics</i> , 2019, 11, 419.	4.5	20
39	Formulation of a modified-release pregabalin tablet using hot-melt coating with glyceryl behenate. <i>International Journal of Pharmaceutics</i> , 2015, 495, 1-8.	5.2	19
40	A Polyvinylpyrrolidone-Based Supersaturable Self-Emulsifying Drug Delivery System for Enhanced Dissolution of Cyclosporine A. <i>Polymers</i> , 2017, 9, 124.	4.5	19
41	Formulation and in vivo pharmacokinetic evaluation of ethyl cellulose-coated sustained release multiple-unit system of tacrolimus. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 544-550.	7.5	17
42	Optimization of self-microemulsifying drug delivery system for phospholipid complex of telmisartan using D-optimal mixture design. <i>PLoS ONE</i> , 2018, 13, e0208339.	2.5	17
43	Liposome-Encapsulated Bacillus Calmette-Guérin Cell Wall Skeleton Enhances Antitumor Efficiency for Bladder Cancer In Vitro and In Vivo via Induction of AMP-Activated Protein Kinase. <i>Cancers</i> , 2020, 12, 3679.	3.7	17
44	Enhanced docetaxel delivery using sterically stabilized RIPL peptide-conjugated nanostructured lipid carriers: In vitro and in vivo antitumor efficacy against SKOV3 ovarian cancer cells. <i>International Journal of Pharmaceutics</i> , 2020, 583, 119393.	5.2	17
45	Tablet Formulation of a Polymeric Solid Dispersion Containing Amorphous Alkalinized Telmisartan. <i>AAPS PharmSciTech</i> , 2018, 19, 2990-2999.	3.3	16
46	pH-sensitive PEGylation of RIPL peptide-conjugated nanostructured lipid carriers: design and in vitro evaluation. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 6661-6675.	6.7	15
47	Enhanced oral bioavailability of valsartan in rats using a supersaturable self-microemulsifying drug delivery system with P-glycoprotein inhibitors. <i>Pharmaceutical Development and Technology</i> , 2020, 25, 178-186.	2.4	15
48	Tat peptide-admixed elastic liposomal formulation of hirsutenone for the treatment of atopic dermatitis in Nc/Nga mice. <i>International Journal of Nanomedicine</i> , 2011, 6, 2459.	6.7	14
49	Solid dispersion formulations of megestrol acetate with copovidone for enhanced dissolution and oral bioavailability. <i>Archives of Pharmacal Research</i> , 2011, 34, 127-135.	6.3	14
50	Sterically Stabilized RIPL Peptide-Conjugated Nanostructured Lipid Carriers: Characterization, Cellular Uptake, Cytotoxicity, and Biodistribution. <i>Pharmaceutics</i> , 2018, 10, 199.	4.5	14
51	Enhanced Intracellular Delivery of BCG Cell Wall Skeleton into Bladder Cancer Cells Using Liposomes Functionalized with Folic Acid and Pep-1 Peptide. <i>Pharmaceutics</i> , 2019, 11, 652.	4.5	14
52	The immunotherapeutic effects of recombinant Bacillus Calmette-Guérin resistant to antimicrobial peptides on bladder cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 509, 167-174.	2.1	13
53	Steric stabilization of RIPL peptide-conjugated liposomes and in vitro assessment. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 115-125.	5.3	12
54	Recent advances in intra-articular drug delivery systems to extend drug retention in joint. <i>Journal of Pharmaceutical Investigation</i> , 2019, 49, 9-15.	5.3	12

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55	Optimization of solid self-dispersing micelle for enhancing dissolution and oral bioavailability of valsartan using Box-Behnken design. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119483.	5.2	12
56	Establishment of Three-Dimensional Bioprinted Bladder Cancer-on-a-Chip with a Microfluidic System Using <i>Bacillus Calmette-Guérin</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 8887.	4.1	12
57	Optimization of a floating poloxamer 407-based hydrogel using the Box-Behnken design: in vitro characterization and in vivo buoyancy evaluation for intravesical instillation. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105885.	4.0	12
58	Identification and assessment of permeability enhancing vehicles for transdermal delivery of glucosamine hydrochloride. <i>Archives of Pharmacal Research</i> , 2010, 33, 293-299.	6.3	11
59	<i>Alnus Sibirica</i> Extracts Suppress the Expression of Inflammatory Cytokines Induced by Lipopolysaccharides, Tumor Necrosis Factor- $\alpha$ , and Interferon- $\gamma$ in Human Dermal Fibroblasts. <i>Molecules</i> , 2019, 24, 2883.	3.8	11
60	Rapamycin enhances growth inhibition on urothelial carcinoma cells through LKB1 deficiency-mediated mitochondrial dysregulation. <i>Journal of Cellular Physiology</i> , 2019, 234, 13083-13096.	4.1	11
61	Influence of Liposome Type and Skin Model on Skin Permeation and Accumulation Properties of Genistein. <i>Journal of Dispersion Science and Technology</i> , 2010, 31, 1061-1066.	2.4	10
62	Fujicalin $\beta$ -based solid supersaturable self-emulsifying drug delivery system (S-SEDDS) of tacrolimus for enhanced dissolution rate and oral absorption. <i>Journal of Pharmaceutical Investigation</i> , 2015, 45, 651-658.	5.3	10
63	Formulation of controlled-release pelubiprofen tablet using Kollidon $\text{SR}$ . <i>International Journal of Pharmaceutics</i> , 2016, 511, 864-875.	5.2	10
64	Improved Drug Loading and Sustained Release of Entecavir-loaded PLGA Microsphere Prepared by Spray Drying Technique. <i>Bulletin of the Korean Chemical Society</i> , 2019, 40, 306-312.	1.9	10
65	Poloxamer 407 Hydrogels for Intravesical Instillation to Mouse Bladder: Gel-Forming Capacity and Retention Performance. <i>The Korean Journal of Urological Oncology</i> , 2017, 15, 178-186.	0.1	10
66	Stability-enhanced solid dispersion formulation of amorphous raloxifene hydrochloride. <i>Korean Journal of Chemical Engineering</i> , 2010, 27, 1906-1909.	2.7	9
67	Inclusion compound formulation of hirsutenone with beta-cyclodextrin. <i>Journal of Pharmaceutical Investigation</i> , 2013, 43, 453-459.	5.3	9
68	Development of a Solid Supersaturable Micelle of Revaprazan for Improved Dissolution and Oral Bioavailability Using Box-Behnken Design. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 1245-1259.	6.7	9
69	Facilitated Buccal Insulin Delivery via Hydrophobic Ion-Pairing Approach: In vitro and ex vivo Evaluation. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 4677-4691.	6.7	9
70	Poloxamer 407-based Floating Hydrogels for Intravesical Instillation: Statistical Optimization Using Central Composite Design, Gel Erosion, and Drug Release. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 72-79.	1.9	9
71	Effects of periostin deficiency on kidney aging and lipid metabolism. <i>Aging</i> , 2021, 13, 22649-22665.	3.1	8
72	Supersaturable self-microemulsifying drug delivery system enhances dissolution and bioavailability of telmisartan. <i>Pharmaceutical Development and Technology</i> , 2021, 26, 60-68.	2.4	7

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73	A Novel Stable Crystalline Triamcinolone Acetonide-loaded PLGA Microsphere for Prolonged Release After Intra-articular Injection. Bulletin of the Korean Chemical Society, 2016, 37, 1496-1500.	1.9	6
74	Enhanced dissolution and bioavailability of revaprazan using self-nanoemulsifying drug delivery system. Pharmaceutical Development and Technology, 2022, 27, 414-424.	2.4	6
75	Design, synthesis, bioconversion, and pharmacokinetics evaluation of new ester prodrugs of olmesartan. European Journal of Medicinal Chemistry, 2011, 46, 3564-3569.	5.5	5
76	Surface-Modification of RIPL Peptide-Conjugated Liposomes to Achieve Steric Stabilization and pH Sensitivity. Journal of Nanoscience and Nanotechnology, 2017, 17, 1008-1017.	0.9	5
77	Synergistic co-administration of docetaxel and curcumin to chemoresistant cancer cells using PEGylated and RIPL peptide-conjugated nanostructured lipid carriers. Cancer Nanotechnology, 2022, 13, .	3.7	5
78	Combined Poly(Lactide-Co-Glycolide) Microspheres Containing Diphtheria Toxoid for a Single-shot Immunization. AAPS PharmSciTech, 2018, 19, 1160-1167.	3.3	4
79	Immediate release tablet formulation of varenicline salicylate and comparative pharmacokinetic study in human volunteers. Drug Design, Development and Therapy, 2018, Volume 12, 3377-3392.	4.3	4
80	Anticancer Efficacy and Toxicity of Oral GMO-paclitaxel in a Hormone Refractory Prostate Cancer Model. Korean Journal of Urology, 2006, 47, 143.	0.2	3
81	Effect of Poly(Lactide-Co-Glycolide) Nanoparticles on Local Retention of Fluorescent Material: An Experimental Study in Mice. Korean Journal of Radiology, 2018, 19, 950.	3.4	3
82	Novel Extended-Release Multiple-Unit System of Imidafenacin Prepared by Fluid-Bed Coating Technique. AAPS PharmSciTech, 2018, 19, 2639-2645.	3.3	3
83	Cochleate Formulation Enhances the Stability of Lansoprazole in Acidic Condition. Bulletin of the Korean Chemical Society, 2021, 42, 1281-1284.	1.9	3
84	Co-administration of tariquidar using functionalized nanostructured lipid carriers overcomes resistance to docetaxel in multidrug resistant MCF7/ADR cells. Journal of Drug Delivery Science and Technology, 2022, , 103323.	3.0	3
85	Analysis of Trends in Regulatory Science and Regulatory Science Experts Training Projects: US, Japan, Singapore, and Korea. Korean Journal of Clinical Pharmacy, 2021, 31, 257-267.	0.3	3
86	Enhanced Chemical Stability of Hirsutenone Incorporated into a Nanostructured Lipid Carrier Formulation Containing Antioxidants. Bulletin of the Korean Chemical Society, 2018, 39, 1287-1293.	1.9	2
87	Immunotherapeutic effects of recombinant Bacillus Calmette-Guérin containing <i>h</i> gene in <i>ex vivo</i> and <i>in vivo</i> bladder cancer models. Investigative and Clinical Urology, 2022, 63, 228.	2.0	2
88	Topical Semisolid Formulations of Hirsutenone and Accelerated Stability Assessment. Bulletin of the Korean Chemical Society, 2015, 36, 1688-1693.	1.9	1
89	European Regulatory Science and Regulatory Science Expert Training Project. Korean Journal of Clinical Pharmacy, 2021, 31, 171-179.	0.3	1