

# Sung-joo Hwang

## List of Publications by Year in descending order

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135  
papers

4,873  
citations

109321

35  
h-index

110387

64  
g-index

136  
all docs

136  
docs citations

136  
times ranked

5528  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Preparation and characterization of chitosan microparticles intended for controlled drug delivery. <i>International Journal of Pharmaceutics</i> , 2002, 249, 165-174.   | 5.2 | 388       |
| 2  | Preparation of alginate beads for floating drug delivery system: effects of CO <sub>2</sub> gas-forming agents. <i>International Journal of Pharmaceutics</i> , 2002, 239, 81-91.  | 5.2 | 237       |
| 3  | Preparation, characterization and in vivo evaluation of amorphous atorvastatin calcium nanoparticles using supercritical antisolvent (SAS) process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 454-465.   | 4.3 | 224       |
| 4  | Preparation and characterization of simvastatin/hydroxypropyl- $\beta$ -cyclodextrin inclusion complex using supercritical antisolvent (SAS) process. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2007, 66, 413-421. | 4.3 | 195       |
| 5  | Improved physicochemical characteristics of felodipine solid dispersion particles by supercritical anti-solvent precipitation process. <i>International Journal of Pharmaceutics</i> , 2005, 301, 199-208.                               | 5.2 | 170       |
| 6  | Bioavailability of indomethacin-saccharin cocrystals. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 62, 1560-1568.   | 2.4 | 148       |
| 7  | Physicochemical properties and oral bioavailability of amorphous atorvastatin hemi-calcium using spray-drying and SAS process. <i>International Journal of Pharmaceutics</i> , 2008, 359, 211-219.                                       | 5.2 | 146       |
| 8  | Enhancing the solubility and bioavailability of poorly water-soluble drugs using supercritical antisolvent (SAS) process. <i>International Journal of Pharmaceutics</i> , 2018, 538, 1-13.   | 5.2 | 144       |
| 9  | Enhanced oral bioavailability of paclitaxel by coadministration of the P-glycoprotein inhibitor KR30031. <i>Pharmaceutical Research</i> , 2003, 20, 24-30.   | 3.5 | 120       |
| 10 | Preparation and characterization of drug-loaded polymethacrylate microspheres by an emulsion solvent evaporation method. <i>Journal of Microencapsulation</i> , 2002, 19, 811-822.   | 2.8 | 110       |
| 11 | Influence of the delivery systems using a microneedle array on the permeation of a hydrophilic molecule, calcein. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2008, 69, 1040-1045.                                   | 4.3 | 109       |
| 12 | Micronization of cilostazol using supercritical antisolvent (SAS) process: Effect of process parameters. <i>Powder Technology</i> , 2007, 177, 64-70.  | 4.2 | 94        |
| 13 | Recrystallization of fluconazole using the supercritical antisolvent (SAS) process. <i>International Journal of Pharmaceutics</i> , 2007, 328, 152-160.  | 5.2 | 75        |
| 14 | Enhanced dissolution of megestrol acetate microcrystals prepared by antisolvent precipitation process using hydrophilic additives. <i>International Journal of Pharmaceutics</i> , 2010, 396, 91-98.                                     | 5.2 | 75        |
| 15 | Enhanced bioavailability of sirolimus via preparation of solid dispersion nanoparticles using a supercritical antisolvent process. <i>International Journal of Nanomedicine</i> , 2011, 6, 2997.   | 6.7 | 73        |
| 16 | Preparation and characterization of solid dispersions of itraconazole by using aerosol solvent extraction system for improvement in drug solubility and bioavailability. <i>Archives of Pharmacal Research</i> , 2005, 28, 866-874.      | 6.3 | 72        |
| 17 | A mixed polymeric micellar formulation of itraconazole: Characteristics, toxicity and pharmacokinetics. <i>Journal of Controlled Release</i> , 2007, 117, 59-67.   | 9.9 | 70        |
| 18 | In vivo efficacy of paclitaxel-loaded injectable in situ-forming gel against subcutaneous tumor growth. <i>International Journal of Pharmaceutics</i> , 2010, 392, 51-56.  | 5.2 | 68        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Application of the Discrete Element Method for Manufacturing Process Simulation in the Pharmaceutical Industry. <i>Pharmaceutics</i> , 2019, 11, 414.   | 4.5 | 67        |
| 20 | Hydrogel patches containing Triclosan for acne treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2003, 56, 407-412.  | 4.3 | 62        |
| 21 | Preparation and Evaluation of Solid Dispersion of Atorvastatin Calcium with Soluplus® by Spray Drying Technique. <i>Chemical and Pharmaceutical Bulletin</i> , 2014, 62, 545-551.   | 1.3 | 62        |
| 22 | Solubilization of the poorly water soluble drug, telmisartan, using supercritical anti-solvent (SAS) process. <i>International Journal of Pharmaceutics</i> , 2013, 441, 50-55.   | 5.2 | 58        |
| 23 | Development and optimization of a novel oral controlled delivery system for tamsulosin hydrochloride using response surface methodology. <i>International Journal of Pharmaceutics</i> , 2007, 341, 97-104.                                     | 5.2 | 57        |
| 24 | Mechanism of eutectic formation upon compaction and its effects on tablet properties. <i>Thermochimica Acta</i> , 2003, 404, 213-226.   | 2.7 | 53        |
| 25 | Release characteristics of ibuprofen from excipient-loaded alginate gel beads. <i>International Journal of Pharmaceutics</i> , 1995, 116, 125-128.  | 5.2 | 52        |
| 26 | Characteristics of felodipine-located poly( $\epsilon$ -caprolactone) microspheres. <i>Journal of Microencapsulation</i> , 2005, 22, 193-203.   | 2.8 | 52        |
| 27 | Advances in pharmaceutical materials and processing. <i>Pharmaceutical Science &amp; Technology Today</i> , 1998, 1, 235-245.   | 0.7 | 49        |
| 28 | The Delivery Strategy of Paclitaxel Nanostructured Lipid Carrier Coated with Platelet Membrane. <i>Cancers</i> , 2019, 11, 807.   | 3.7 | 46        |
| 29 | Preparation and physicochemical characterization of phase inverted water/oil microemulsion containing cyclosporin A. <i>International Journal of Pharmaceutics</i> , 1997, 147, 131-134.  | 5.2 | 45        |
| 30 | Characterization and stability studies of a novel liposomal cyclosporin A prepared using the supercritical fluid method: comparison with the modified conventional Bangham method. <i>International Journal of Nanomedicine</i> , 2013, 8, 365. | 6.7 | 44        |
| 31 | Controlled delivery of a hydrophilic drug from a biodegradable microsphere system by supercritical anti-solvent precipitation technique. <i>Journal of Microencapsulation</i> , 2006, 23, 741-749.  | 2.8 | 43        |
| 32 | Supersaturatable formulations for the enhanced oral absorption of sirolimus. <i>International Journal of Pharmaceutics</i> , 2013, 445, 108-116.  | 5.2 | 41        |
| 33 | Oral absorption of atorvastatin solid dispersion based on cellulose or pyrrolidone derivative polymers. <i>International Journal of Biological Macromolecules</i> , 2013, 59, 138-142.  | 7.5 | 40        |
| 34 | Quality by design: screening of critical variables and formulation optimization of Eudragit E nanoparticles containing dutasteride. <i>Archives of Pharmacal Research</i> , 2013, 36, 593-601.  | 6.3 | 38        |
| 35 | Cefuroxime axetil solid dispersions prepared using solution enhanced dispersion by supercritical fluids. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 57, 1529-1537.   | 2.4 | 37        |
| 36 | Preparation and Evaluation of Resveratrol-Loaded Composite Nanoparticles Using a Supercritical Fluid Technology for Enhanced Oral and Skin Delivery. <i>Antioxidants</i> , 2019, 8, 554.  | 5.1 | 37        |

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|----|---|-----|-----------|
| 37 | Preparation and pharmaceutical characterization of amorphous cefdinir using spray-drying and SAS-process. <i>International Journal of Pharmaceutics</i> , 2010, 396, 239-245.   | 5.2 | 35        |
| 38 | Optimized formulation of solid self-microemulsifying sirolimus delivery systems. <i>International Journal of Nanomedicine</i> , 2013, 8, 1673.  | 6.7 | 35        |
| 39 | Preparation, characterization, and evaluation of celecoxib eutectic mixtures with adipic acid/saccharin for improvement of wettability and dissolution rate. <i>International Journal of Pharmaceutics</i> , 2019, 554, 61-71.  | 5.2 | 35        |
| 40 | Supercritical fluid-mediated liposomes containing cyclosporin A for the treatment of dry eye syndrome in a rabbit model: comparative study with the conventional cyclosporin A emulsion. <i>International Journal of Nanomedicine</i> , 2014, 9, 3791.                          | 6.7 | 33        |
| 41 | Design of salmon calcitonin particles for nasal delivery using spray-drying and novel supercritical fluid-assisted spray-drying processes. <i>International Journal of Pharmaceutics</i> , 2015, 478, 288-296.  | 5.2 | 33        |
| 42 | Oxaliplatin-loaded chemically cross-linked hydrogels for prevention of postoperative abdominal adhesion and colorectal cancer therapy. <i>International Journal of Pharmaceutics</i> , 2019, 565, 50-58.  | 5.2 | 33        |
| 43 | Topical Oleo-Hydrogel Preparation of Ketoprofen with Enhanced Skin Permeability. <i>Drug Development and Industrial Pharmacy</i> , 1999, 25, 717-726.   | 2.0 | 32        |
| 44 | Liposomal drug products and recent advances in the synthesis of supercritical fluid-mediated liposomes. <i>Nanomedicine</i> , 2013, 8, 1529-1548.   | 3.3 | 32        |
| 45 | Effect of operating parameters on PVP/tadalafil solid dispersions prepared using supercritical anti-solvent process. <i>Journal of Supercritical Fluids</i> , 2014, 90, 126-133.  | 3.2 | 32        |
| 46 | Effect of Stabilizers on Encapsulation Efficiency and Release Behavior of Exenatide-Loaded PLGA Microsphere Prepared by the W/O/W Solvent Evaporation Method. <i>Pharmaceutics</i> , 2019, 11, 627.   | 4.5 | 31        |
| 47 | Development of a Resveratrol Nanosuspension Using the Antisolvent Precipitation Method without Solvent Removal, Based on a Quality by Design (QbD) Approach. <i>Pharmaceutics</i> , 2019, 11, 688.  | 4.5 | 31        |
| 48 | Preparation and evaluation of cyclosporin A-containing proliposomes: a comparison of the supercritical antisolvent process with the conventional film method. <i>International Journal of Nanomedicine</i> , 2014, 9, 5079.   | 6.7 | 30        |
| 49 | Preparation and Evaluation of Intraperitoneal Long-Acting Oxaliplatin-Loaded Multi-Vesicular Liposomal Depot for Colorectal Cancer Treatment. <i>Pharmaceutics</i> , 2020, 12, 736.   | 4.5 | 30        |
| 50 | Enhancement of dissolution and bioavailability of ezetimibe by amorphous solid dispersion nanoparticles fabricated using supercritical antisolvent process. <i>Journal of Pharmaceutical Investigation</i> , 2015, 45, 641-649.   | 5.3 | 29        |
| 51 | Enhancement of Wettability and Dissolution Properties of Cilostazol Using the Supercritical Antisolvent Process: Effect of Various Additives. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 230-233.  | 1.3 | 28        |
| 52 | The advent of a novel manufacturing technology in pharmaceuticals: superiority of fused deposition modeling 3D printer. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 131-145.   | 5.3 | 28        |
| 53 | Characterization and therapeutic efficacy evaluation of glimepiride and L-arginine co-amorphous formulation prepared by supercritical antisolvent process: Influence of molar ratio and preparation methods. <i>International Journal of Pharmaceutics</i> , 2020, 581, 119232. | 5.2 | 27        |
| 54 | Phase Behavior of Poly(L-lactide) in Supercritical Mixtures of Carbon Dioxide and Chlorodifluoromethane. <i>Journal of Chemical &amp; Engineering Data</i> , 2000, 45, 1162-1166.   | 1.9 | 26        |

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|----|--|-----|-----------|
| 55 | Surface modification of paclitaxel-loaded liposomes using d- $\alpha$ -tocopheryl polyethylene glycol 1000 succinate: Enhanced cellular uptake and cytotoxicity in multidrug resistant breast cancer cells. <i>Chemistry and Physics of Lipids</i> , 2018, 213, 39-47. | 3.2 | 26        |
| 56 | An update on niche composition, signaling and functional regulation of the adipose-derived stem cells. <i>Expert Opinion on Biological Therapy</i> , 2014, 14, 1091-1102.  | 3.1 | 25        |
| 57 | Dissolution and oral absorption of pranlukast nanosuspensions stabilized by hydroxypropylmethyl cellulose. <i>International Journal of Biological Macromolecules</i> , 2014, 67, 53-57.  | 7.5 | 25        |
| 58 | LC-MS determination and bioavailability study of loperamide hydrochloride after oral administration of loperamide capsule in human volunteers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 421-427.   | 2.8 | 24        |
| 59 | Enhancement of the dissolution rate and bioavailability of fenofibrate by a melt-adsorption method using supercritical carbon dioxide. <i>International Journal of Nanomedicine</i> , 2012, 7, 5565.   | 6.7 | 24        |
| 60 | Enhanced solubility and oral absorption of sirolimus using D- $\alpha$ -tocopheryl polyethylene glycol succinate micelles. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2013, 41, 85-91.  | 2.8 | 24        |
| 61 | Functional characterization of mesenchymal stem cells labeled with a novel PVP-coated superparamagnetic iron oxide. <i>Contrast Media and Molecular Imaging</i> , 2009, 4, 118-126.  | 0.8 | 23        |
| 62 | Application of diethylene glycol monoethyl ether in solubilization of poorly water-soluble drugs. <i>Journal of Pharmaceutical Investigation</i> , 2020, 50, 231-250.  | 5.3 | 23        |
| 63 | Effect of Solvent Type on the Nanoparticle Formation of Atorvastatin Calcium by the Supercritical Antisolvent Process. <i>Chemical and Pharmaceutical Bulletin</i> , 2012, 60, 543-547.  | 1.3 | 22        |
| 64 | Oral absorption of a valsartan-loaded spray-dried emulsion based on hydroxypropylmethyl cellulose. <i>International Journal of Biological Macromolecules</i> , 2014, 69, 222-228.  | 7.5 | 22        |
| 65 | Lysophosphatidic acid increases the proliferation and migration of adipose-derived stem cells via the generation of reactive oxygen species. <i>Molecular Medicine Reports</i> , 2015, 12, 5203-5210.  | 2.4 | 22        |
| 66 | Dissolution and bioavailability of lercanidipine-hydroxypropylmethyl cellulose nanoparticles with surfactant. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 218-222.   | 7.5 | 22        |
| 67 | Enhanced Supersaturation and Oral Absorption of Sirolimus Using an Amorphous Solid Dispersion Based on Eudragit® E. <i>Molecules</i> , 2015, 20, 9496-9509.  | 3.8 | 21        |
| 68 | Cyclosporine A micellar delivery system for dry eyes. <i>International Journal of Nanomedicine</i> , 2016, 11, 2921.   | 6.7 | 21        |
| 69 | Solid-State Carbon NMR Characterization and Investigation of Intrinsic Dissolution Behavior of Fluconazole Polymorphs, Anhydrate Forms I and II. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 1243-1247.  | 1.3 | 20        |
| 70 | Fluoxetine Decreases the Proliferation and Adipogenic Differentiation of Human Adipose-Derived Stem Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 16655-16668.   | 4.1 | 20        |
| 71 | Development of <i>Houttuynia cordata</i> Extract-Loaded Solid Lipid Nanoparticles for Oral Delivery: High Drug Loading Efficiency and Controlled Release. <i>Molecules</i> , 2017, 22, 2215.   | 3.8 | 20        |
| 72 | Pharmacokinetic Profile and Anti-Adhesive Effect of Oxaliplatin-PLGA Microparticle-Loaded Hydrogels in Rats for Colorectal Cancer Treatment. <i>Pharmaceutics</i> , 2019, 11, 392.   | 4.5 | 19        |

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|----|--|-----|-----------|
| 73 | Controlled release tamsulosin hydrochloride from alginate beads with waxy materials. Journal of Pharmacy and Pharmacology, 2010, 57, 1521-1528.  | 2.4 | 18        |
| 74 | Solubility of oxcarbazepine in eight solvents within the temperature range $T = (288.15 \text{--} 308.15) \text{ K}$ . Journal of Chemical Thermodynamics, 2017, 104, 45-49.   | 2.0 | 18        |
| 75 | Preparation, Characterization, and In Vivo Pharmacokinetic Study of the Supercritical Fluid-Processed Liposomal Amphotericin B. Pharmaceutics, 2019, 11, 589.  | 4.5 | 18        |
| 76 | The organ targetability of small and large albumin microspheres containing free and HSA conjugated methotrexate. International Journal of Pharmaceutics, 1993, 89, 91-102.   | 5.2 | 17        |
| 77 | Isolation of adipose-derived stem cells by using a subfractionation culturing method. Expert Opinion on Biological Therapy, 2014, 14, 1551-1560.   | 3.1 | 17        |
| 78 | Preparation and characterization of mucoadhesive enteric-coating ginsenoside-loaded microparticles. Archives of Pharmacal Research, 2015, 38, 761-768.   | 6.3 | 17        |
| 79 | Diazepam sorption to PVC- and non-PVC-based tubes in administration sets with quantitative determination using a high-performance liquid chromatographic method. International Journal of Pharmaceutics, 2016, 506, 414-419. | 5.2 | 17        |
| 80 | Solubility of Simvastatin and Lovastatin in Mixtures of Dichloromethane and Supercritical Carbon Dioxide. Journal of Chemical & Engineering Data, 2007, 52, 1273-1279.   | 1.9 | 16        |
| 81 | A Mixed Micellar Formulation for the Transdermal Delivery of an Indirubin Analog. Pharmaceutics, 2020, 12, 175.  | 4.5 | 16        |
| 82 | Chitosan microparticle preparation for controlled drug release by response surface methodology. Journal of Microencapsulation, 2003, 20, 791-797.  | 2.8 | 15        |
| 83 | Influence of water soluble additives and HPMCP on drug release from Surelease-coated pellets containing tamsulosin hydrochloride. Archives of Pharmacal Research, 2007, 30, 1008-1013.                                       | 6.3 | 14        |
| 84 | Intracorneal melatonin delivery using 2-hydroxypropyl- $\beta$ -cyclodextrin ophthalmic solution for granular corneal dystrophy type 2. International Journal of Pharmaceutics, 2017, 529, 608-616.                          | 5.2 | 14        |
| 85 | The influence of Surelease and sodium alginate on the in-vitro release of tamsulosin hydrochloride in pellet dosage form. Journal of Pharmacy and Pharmacology, 2010, 57, 735-742.   | 2.4 | 13        |
| 86 | Fabrication and evaluation of celecoxib microparticle surface modified by hydrophilic cellulose and surfactant. International Journal of Biological Macromolecules, 2015, 72, 1473-1478.                                     | 7.5 | 13        |
| 87 | Sustained release of risperidone from biodegradable microspheres prepared by in-situ suspension-evaporation process. International Journal of Pharmaceutics, 2016, 503, 8-15.  | 5.2 | 13        |
| 88 | Evaluation of tacrolimus sorption to PVC- and non-PVC-based tubes in administration sets: Pump method vs. drip method. International Journal of Pharmaceutics, 2017, 528, 172-179.   | 5.2 | 13        |
| 89 | Preparation and characterization of glimepiride eutectic mixture with L-arginine for improvement of dissolution rate. International Journal of Pharmaceutics, 2020, 581, 119288.   | 5.2 | 13        |
| 90 | Micronization of a poorly water-soluble drug, fenofibrate, via supercritical-fluid-assisted spray-drying. Journal of Pharmaceutical Investigation, 2022, 52, 353-366.  | 5.3 | 13        |

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|-----|--|-----|-----------|
| 91  | Pharmacokinetics of methotrexate after intravenous and intramuscular injection of methotrexate-bearing positively charged liposomes to rats. <i>Biopharmaceutics and Drug Disposition</i> , 1995, 16, 279-293.                                     | 1.9 | 11        |
| 92  | Paroxetine hydrochloride controlled release POLYOXÂ® matrix tablets: Screening of formulation variables using Plackett-Burman screening design. <i>Archives of Pharmacal Research</i> , 2008, 31, 399-405.   | 6.3 | 11        |
| 93  | Delivery of interleukin-18 gene to lung cancer cells using cationic emulsion. <i>Journal of Drug Targeting</i> , 2009, 17, 19-28.  | 4.4 | 11        |
| 94  | Biocompatible Polyhydroxyethylaspartamide-based Micelles with Gadolinium for MRI Contrast Agents. <i>Nanoscale Research Letters</i> , 2010, 5, 1970-1976.  | 5.7 | 11        |
| 95  | The Effect of Sodium Alginate on Physical and Dissolution Properties of Surelease-Matrix Pellets Prepared by a Novel Pelletizer. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 1631-1634.  | 1.3 | 10        |
| 96  | Comparative study of telmisartan tablets prepared via the wet granulation method and pritorâ„¢ prepared using the spray-drying method. <i>Archives of Pharmacal Research</i> , 2011, 34, 463-468.  | 6.3 | 10        |
| 97  | Pharmaceutical Applications of Supercritical Fluid Extraction of Emulsions for Micro-/Nanoparticle Formation. <i>Pharmaceutics</i> , 2021, 13, 1928.   | 4.5 | 10        |
| 98  | Gelatin Coating for the Improvement of Stability and Cell Uptake of Hydrophobic Drug-Containing Liposomes. <i>Molecules</i> , 2022, 27, 1041.  | 3.8 | 10        |
| 99  | Preparation and evaluation of a titrated extract of <i>Centella asiatica</i> injection in the form of an extemporaneous micellar solution. <i>International Journal of Pharmaceutics</i> , 1997, 146, 63-70.                                       | 5.2 | 9         |
| 100 | pH-independent sustained release matrix tablet containing doxazosin mesylate: Effect of citric acid. <i>Archives of Pharmacal Research</i> , 2010, 33, 2003-2009.  | 6.3 | 9         |
| 101 | LC-MS determination and bioavailability study of imidapril hydrochloride after the oral administration of imidapril tablets in human volunteers. <i>Archives of Pharmacal Research</i> , 2005, 28, 463-468.  | 6.3 | 8         |
| 102 | Quantitative determination of sirolimus in dog blood using liquid chromatographyâ€“tandem mass spectrometry, and its applications to pharmacokinetic studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1042-1047.      | 2.8 | 8         |
| 103 | A novel thermosensitive poloxamer-hyaluronic acid- kappa-carrageenan-based hydrogel anti-adhesive agent loaded with 5-fluorouracil: A preclinical study in Sprague-Dawley rats. <i>International Journal of Pharmaceutics</i> , 2022, 621, 121771. | 5.2 | 8         |
| 104 | Statistical Optimization of Tamsulosin Hydrochloride Controlled Release Pellets Coated with the Blend of HPMCP and HPMC. <i>Chemical and Pharmaceutical Bulletin</i> , 2007, 55, 936-939.  | 1.3 | 7         |
| 105 | Pharmacologic Properties of the Carrier Solutions for Hyperthermic Intraperitoneal Chemotherapy: Comparative Analyses Between Water and Lipid Carrier Solutions in the Rat Model. <i>Annals of Surgical Oncology</i> , 2018, 25, 3185-3192.        | 1.5 | 7         |
| 106 | Optimization of tamsulosin hydrochloride controlled release pellets coated with Surelease and neutralized HPMCPâ€. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 58, 1611-1616.  | 2.4 | 6         |
| 107 | The feasibility study of transdermal drug delivery systems for antidepressants possessing hydrophilicity or hydrophobicity. <i>Journal of Pharmaceutical Investigation</i> , 2012, 42, 109-114.  | 5.3 | 6         |
| 108 | Biodistribution of newly synthesized PHEA-based polymer-coated SPION in Sprague Dawley rats as magnetic resonance contrast agent. <i>International Journal of Nanomedicine</i> , 2013, 8, 4077.  | 6.7 | 6         |

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|-----|--|-----|-----------|
| 109 | Boiling Method-Based Zinc Oxide Nanorods for Enhancement of Adipose-Derived Stem Cell Proliferation. <i>Tissue Engineering - Part C: Methods</i> , 2016, 22, 847-855.  | 2.1 | 6         |
| 110 | Formulation, Preparation, Characterization, and Evaluation of Dicarboxylic Ionic Liquid Donepezil Transdermal Patches. <i>Pharmaceutics</i> , 2022, 14, 205.   | 4.5 | 6         |
| 111 | Preparation of controlled release spheronized beads by a simple extrusion and modified spheronization process. <i>Archives of Pharmacal Research</i> , 2005, 28, 619-625.  | 6.3 | 5         |
| 112 | Ocular delivery systems for the administration of antibody therapeutics. <i>Journal of Pharmaceutical Investigation</i> , 2017, 47, 373-382.   | 5.3 | 5         |
| 113 | Pharmaceutical Characterization and In Vivo Evaluation of Orlistat Formulations Prepared by the Supercritical Melt-Adsorption Method Using Carbon Dioxide: Effects of Mesoporous Silica Type. <i>Pharmaceutics</i> , 2020, 12, 333.                      | 4.5 | 5         |
| 114 | Melt Amorphisation of Orlistat with Mesoporous Silica Using a Supercritical Carbon Dioxide: Effects of Pressure, Temperature, and Drug Loading Ratio and Comparison with Other Conventional Amorphisation Methods. <i>Pharmaceutics</i> , 2020, 12, 377. | 4.5 | 5         |
| 115 | Preparation of substaîned-release microspheres of phenylpropanolamine HCl and their release characteristics. <i>Archives of Pharmacal Research</i> , 1990, 13, 293-297.  | 6.3 | 4         |
| 116 | Design of pH-independent extended release matrix tablets of minocycline hydrochloride for the treatment of dementia. <i>Archives of Pharmacal Research</i> , 2009, 32, 1593-1598.  | 6.3 | 4         |
| 117 | Pharmacokinetic and bioequivalence study of itopride HCl in healthy volunteers. <i>Arzneimittelforschung</i> , 2010, 60, 137-140.  | 0.4 | 4         |
| 118 | Development and Optimization of a Novel Sustained-release Tablet Formulation for Bupropion Hydrochloride using Box-Behnken Design. <i>Journal of Pharmaceutical Investigation</i> , 2010, 40, 313-319.   | 5.3 | 4         |
| 119 | Phase behavior of water-insoluble simvastatin drug in supercritical mixtures of chlorodifluoromethane and carbon dioxide. <i>Korean Journal of Chemical Engineering</i> , 2006, 23, 1009-1015.   | 2.7 | 3         |
| 120 | Evaluation of Drug Sorption to PVC- and Non-PVC-based Tubes in Administration Sets Using a Pump. <i>Journal of Visualized Experiments</i> , 2017, , .  | 0.3 | 3         |
| 121 | Evaluation of nitroglycerin and cyclosporin A sorption to polyvinylchloride- and non-polyvinylchloride-based tubes in administration sets. <i>Journal of Pharmaceutical Investigation</i> , 2018, 48, 665-672.   | 5.3 | 3         |
| 122 | Development of Self-microemulsifying Drug Delivery System for Enhancing the Bioavailability of Atorvastatin. <i>Journal of Pharmaceutical Investigation</i> , 2011, 41, 103-109.   | 5.3 | 3         |
| 123 | Molecular Mechanism of Cinnamomum cassia against Gastric Damage and Identification of Active Compounds. <i>Biomolecules</i> , 2022, 12, 525.   | 4.0 | 3         |
| 124 | Comparison of adhesion and dissolution of fentanyl patches: Fentadur® and Durogesic DTrans®. <i>Journal of Pharmaceutical Investigation</i> , 2015, 45, 475-480.   | 5.3 | 2         |
| 125 | Preformulation of FK506 Prodrugs for Improving Solubility. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 1313-1319.   | 1.9 | 2         |
| 126 | Preparation of Spray-dried Emulsion of Sirolimus for Enhanced Oral Bioavailability. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 1215-1218.  | 1.9 | 2         |



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|-----|---|-----|-----------|
| 127 | Microencapsulation of isoprinosine with ethylcellulose. Archives of Pharmacal Research, 1991, 14, 298-304.  | 6.3 | 1         |
| 128 | Preparation and In vitro release characteristics of hydrophilic albumin microspheres containing methotrexate and methotrexate-human serum albumin conjugates. Archives of Pharmacal Research, 1992, 15, 162-168.        | 6.3 | 1         |
| 129 | Improvement of Dissolution Rate of Oxcarbazepine Using Surface-Modified Solid Dispersion with Vinylpyrrolidone-Vinyl Acetate Copolymer and Sucrose Laurate. Bulletin of the Korean Chemical Society, 2018, 39, 995-998. | 1.9 | 1         |
| 130 | Case Study of Pharmaceutical Ingredients Derived from Clay Minerals. Economic and Environmental Geology, 2015, 48, 221-229.   | 0.4 | 1         |
| 131 | Preparation and Characterization of Fenofibrate Microparticles with Surface-Active Additives: Application of a Supercritical Fluid-Assisted Spray-Drying Process. Pharmaceutics, 2021, 13, 2061.                        | 4.5 | 1         |
| 132 | Dataset for hierarchical tetramodal-porous architecture of zinc oxide nanoparticles microfluidically synthesized via dual-step nanofabrication. Data in Brief, 2022, 42, 108137.  | 1.0 | 1         |
| 133 | Comparison on physical property, dissolution and disintegration of four launched orally disintegration film (ODF) products for erectile dysfunction. Journal of Pharmaceutical Investigation, 2014, 44, 297-307.        | 5.3 | 0         |
| 134 | Effect of Polymer Type on the Dissolution Profile of a Solid Dispersion of Cilostazol. Bulletin of the Korean Chemical Society, 2019, 40, 370-373.  | 1.9 | 0         |
| 135 | Pharmacokinetic and Bioequivalence Study of Zolpidem Tartate in Healthy Volunteers. Journal of Pharmaceutical Investigation, 2011, 41, 191-196.   | 5.3 | 0         |