

# Jong Oh Kim

## List of Publications by Citations

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280  
papers

9,354  
citations

49  
h-index

79  
g-index

283  
ext. papers

10,892  
ext. citations

6.9  
avg, IF

6.35  
L-index

#	Paper	IF	Citations
280	Smart chemistry-based nanosized drug delivery systems for systemic applications: A comprehensive review. <i>Journal of Controlled Release</i> , <b>2017</b> , 258, 226-253	11.7	259
279	Development of polyvinyl alcohol-sodium alginate gel-matrix-based wound dressing system containing nitrofurazone. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 359, 79-86	6.5	258
278	Enhanced oral bioavailability of dexibuprofen by a novel solid self-emulsifying drug delivery system (SEDDS). <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2009</b> , 72, 539-45	5.7	246
277	Polymer micelles with cross-linked polyanion core for delivery of a cationic drug doxorubicin. <i>Journal of Controlled Release</i> , <b>2009</b> , 138, 197-204	11.7	214
276	Gel characterisation and in vivo evaluation of minocycline-loaded wound dressing with enhanced wound healing using polyvinyl alcohol and chitosan. <i>International Journal of Pharmaceutics</i> , <b>2010</b> , 392, 232-40	6.5	213
275	Enhanced oral bioavailability of Coenzyme Q10 by self-emulsifying drug delivery systems. <i>International Journal of Pharmaceutics</i> , <b>2009</b> , 374, 66-72	6.5	196
274	Layer-by-layer assembly of liposomal nanoparticles with PEGylated polyelectrolytes enhances systemic delivery of multiple anticancer drugs. <i>Acta Biomaterialia</i> , <b>2014</b> , 10, 5116-5127	10.8	168
273	Rabies Virus-Inspired Silica-Coated Gold Nanorods as a Photothermal Therapeutic Platform for Treating Brain Tumors. <i>Advanced Materials</i> , <b>2017</b> , 29, 1605563	24	146
272	Layer-by-layer coated lipid-polymer hybrid nanoparticles designed for use in anticancer drug delivery. <i>Carbohydrate Polymers</i> , <b>2014</b> , 102, 653-61	10.3	143
271	Development of a Graphene Oxide Nanocarrier for Dual-Drug Chemo-phototherapy to Overcome Drug Resistance in Cancer. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 28647-55	9.5	137
270	Comparison of solid self-microemulsifying drug delivery system (solid SMEDDS) prepared with hydrophilic and hydrophobic solid carrier. <i>International Journal of Pharmaceutics</i> , <b>2011</b> , 420, 412-8	6.5	120
269	Development of docetaxel-loaded solid self-nanoemulsifying drug delivery system (SNEDDS) for enhanced chemotherapeutic effect. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 452, 412-20	6.5	114
268	Polymeric micelles with ionic cores containing biodegradable cross-links for delivery of chemotherapeutic agents. <i>Biomacromolecules</i> , <b>2010</b> , 11, 919-26	6.9	114
267	Gentamicin-loaded wound dressing with polyvinyl alcohol/dextran hydrogel: gel characterization and in vivo healing evaluation. <i>AAPS PharmSciTech</i> , <b>2010</b> , 11, 1092-103	3.9	110
266	Hyaluronic acid-coated solid lipid nanoparticles for targeted delivery of vorinostat to CD44 overexpressing cancer cells. <i>Carbohydrate Polymers</i> , <b>2014</b> , 114, 407-415	10.3	107
265	Regulatory T cell-targeted hybrid nanoparticles combined with immuno-checkpoint blockage for cancer immunotherapy. <i>Journal of Controlled Release</i> , <b>2018</b> , 281, 84-96	11.7	106
264	Novel valsartan-loaded solid dispersion with enhanced bioavailability and no crystalline changes. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 422, 202-10	6.5	103

263	PEGylated lipid bilayer-supported mesoporous silica nanoparticle composite for synergistic co-delivery of axitinib and celastrol in multi-targeted cancer therapy. <i>Acta Biomaterialia</i> , <b>2016</b> , 39, 94-105	10.8	102
262	Mesenchymal stem cell therapy for the treatment of inflammatory diseases: Challenges, opportunities, and future perspectives. <i>European Journal of Cell Biology</i> , <b>2019</b> , 98, 151041	6.1	98
261	Preparation and characterization of fenofibrate-loaded nanostructured lipid carriers for oral bioavailability enhancement. <i>AAPS PharmSciTech</i> , <b>2014</b> , 15, 1509-15	3.9	89
260	Engineering of cell microenvironment-responsive polypeptide nanovehicle co-encapsulating a synergistic combination of small molecules for effective chemotherapy in solid tumors. <i>Acta Biomaterialia</i> , <b>2017</b> , 48, 131-143	10.8	89
259	Novel dual-reverse thermosensitive solid lipid nanoparticle-loaded hydrogel for rectal administration of flurbiprofen with improved bioavailability and reduced initial burst effect. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , <b>2015</b> , 94, 64-72	5.7	83
258	Development of clindamycin-loaded wound dressing with polyvinyl alcohol and sodium alginate. <i>Biological and Pharmaceutical Bulletin</i> , <b>2008</b> , 31, 2277-82	2.3	82
257	Novel gelatin microcapsule with bioavailability enhancement of ibuprofen using spray-drying technique. <i>International Journal of Pharmaceutics</i> , <b>2008</b> , 355, 277-84	6.5	79
256	Doxorubicin and Anti-PD-L1 Antibody Conjugated Gold Nanoparticles for Colorectal Cancer Photochemotherapy. <i>Molecular Pharmaceutics</i> , <b>2019</b> , 16, 1184-1199	5.6	72
255	Chitosan-based polyelectrolyte complexes as potential nanoparticulate carriers: physicochemical and biological characterization. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 1302-14	4.5	72
254	Multimodal selenium nanoshell-capped Au@mSiO <sub>2</sub> nanoplatform for NIR-responsive chemo-photothermal therapy against metastatic breast cancer. <i>NPG Asia Materials</i> , <b>2018</b> , 10, 197-216	10.3	71
253	Fabrication and evaluation of pH-modulated solid dispersion for telmisartan by spray-drying technique. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 441, 424-32	6.5	71
252	Combination of NIR therapy and regulatory T cell modulation using layer-by-layer hybrid nanoparticles for effective cancer photoimmunotherapy. <i>Theranostics</i> , <b>2018</b> , 8, 4574-4590	12.1	70
251	Plug-and-Play Nanorization of Coarse Black Phosphorus for Targeted Chemo-photoimmunotherapy of Colorectal Cancer. <i>ACS Nano</i> , <b>2018</b> , 12, 10061-10074	16.7	68
250	Multilayer-Coated Liquid Crystalline Nanoparticles for Effective Sorafenib Delivery to Hepatocellular Carcinoma. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 20360-8	9.5	67
249	pH sensitive polyelectrolyte complex micelles for highly effective combination chemotherapy. <i>Journal of Materials Chemistry B</i> , <b>2014</b> , 2, 6324-6333	7.3	66
248	Effect of hydroxypropylcellulose and Tween 80 on physicochemical properties and bioavailability of ezetimibe-loaded solid dispersion. <i>Carbohydrate Polymers</i> , <b>2015</b> , 130, 26-31	10.3	64
247	Comparison of a solid SMEDDS and solid dispersion for enhanced stability and bioavailability of clopidogrel napadisilate. <i>Carbohydrate Polymers</i> , <b>2014</b> , 114, 365-374	10.3	62
246	Nanoparticle-based combination drug delivery systems for synergistic cancer treatment. <i>Journal of Pharmaceutical Investigation</i> , <b>2016</b> , 46, 325-339	6.3	61

245	Nitric oxide-releasing chitosan film for enhanced antibacterial and in vivo wound-healing efficacy. <i>International Journal of Biological Macromolecules</i> , <b>2015</b> , 79, 217-25	7.9	60
244	Development of vorinostat-loaded solid lipid nanoparticles to enhance pharmacokinetics and efficacy against multidrug-resistant cancer cells. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 1978-88	4.5	58
243	Facile construction of bioreducible crosslinked polypeptide micelles for enhanced cancer combination therapy. <i>Acta Biomaterialia</i> , <b>2017</b> , 63, 135-149	10.8	58
242	Preparation and evaluation of raloxifene-loaded solid dispersion nanoparticle by spray-drying technique without an organic solvent. <i>International Journal of Pharmaceutics</i> , <b>2013</b> , 443, 50-7	6.5	58
241	Combined hyperthermia and chemotherapy as a synergistic anticancer treatment. <i>Journal of Pharmaceutical Investigation</i> , <b>2019</b> , 49, 519-526	6.3	56
240	Folate receptor-mediated celestrol and irinotecan combination delivery using liposomes for effective chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 170, 718-728	6	56
239	Development of Solid Self-Emulsifying Formulation for Improving the Oral Bioavailability of Erlotinib. <i>AAPS PharmSciTech</i> , <b>2016</b> , 17, 466-73	3.9	55
238	Irinotecan-encapsulated double-reverse thermosensitive nanocarrier system for rectal administration. <i>Drug Delivery</i> , <b>2017</b> , 24, 502-510	7	55
237	Influence of hydrophilic polymers on functional properties and wound healing efficacy of hydrocolloid based wound dressings. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 501, 160-6	6.5	55
236	Engineering of caveolae-specific self-micellizing anticancer lipid nanoparticles to enhance the chemotherapeutic efficacy of oxaliplatin in colorectal cancer cells. <i>Acta Biomaterialia</i> , <b>2016</b> , 42, 220-231	10.8	55
235	Block ionomer complexes of PEG-block-poly(4-vinylbenzylphosphonate) and cationic surfactants as highly stable, pH responsive drug delivery system. <i>Journal of Controlled Release</i> , <b>2012</b> , 160, 486-94	11.7	53
234	Prussian blue nanoparticles: Synthesis, surface modification, and application in cancer treatment. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 549, 31-49	6.5	52
233	Enhancing the in vitro anti-cancer efficacy of artesunate by loading into poly-D,L-lactide-co-glycolide (PLGA) nanoparticles. <i>Archives of Pharmacol Research</i> , <b>2015</b> , 38, 716-24	6.1	50
232	Irinotecan-loaded double-reversible thermogel with improved antitumor efficacy without initial burst effect and toxicity for intramuscular administration. <i>Acta Biomaterialia</i> , <b>2017</b> , 54, 239-248	10.8	49
231	Graphene oxide-wrapped PEGylated liquid crystalline nanoparticles for effective chemo-photothermal therapy of metastatic prostate cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 143, 271-277	6	49
230	Silver nanoparticle-embedded graphene oxide-methotrexate for targeted cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 153, 95-103	6	48
229	Development and optimization of self-nanoemulsifying drug delivery system with enhanced bioavailability by Box-Behnken design and desirability function. <i>Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 101, 4584-96	3.9	48
228	Development of paclitaxel-loaded liposomal nanocarrier stabilized by triglyceride incorporation. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 4465-4477	7.3	48

227	Development of Bioactive PEGylated Nanostructured Platforms for Sequential Delivery of Doxorubicin and Imatinib to Overcome Drug Resistance in Metastatic Tumors. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 9280-9290	9.5	47
226	Folate-targeted nanostructured chitosan/chondroitin sulfate complex carriers for enhanced delivery of bortezomib to colorectal cancer cells. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 14, 40-51	9.1	47
225	Formulation and optimization of raloxifene-loaded solid lipid nanoparticles to enhance oral bioavailability. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2014</b> , 14, 4820-31	1.3	46
224	Synergistic anticancer activity of combined histone deacetylase and proteasomal inhibitor-loaded zein nanoparticles in metastatic prostate cancers. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , <b>2017</b> , 13, 885-896	6	45
223	Progressive slowdown/prevention of cellular senescence by CD9-targeted delivery of rapamycin using lactose-wrapped calcium carbonate nanoparticles. <i>Scientific Reports</i> , <b>2017</b> , 7, 43299	4.9	44
222	Tumor-targeting, pH-sensitive nanoparticles for docetaxel delivery to drug-resistant cancer cells. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 5249-62	7.3	44
221	Silymarin-loaded solid nanoparticles provide excellent hepatic protection: physicochemical characterization and in vivo evaluation. <i>International Journal of Nanomedicine</i> , <b>2013</b> , 8, 3333-43	7.3	43
220	Transferrin-Conjugated Polymeric Nanoparticle for Receptor-Mediated Delivery of Doxorubicin in Doxorubicin-Resistant Breast Cancer Cells. <i>Pharmaceutics</i> , <b>2019</b> , 11,	6.4	43
219	Nanoparticles for dendritic cell-based immunotherapy. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 542, 253-265	6.5	41
218	Fabrication of poly(ethylene oxide) hydrogels for wound dressing application using E-beam. <i>Macromolecular Research</i> , <b>2014</b> , 22, 131-138	1.9	41
217	Physicochemical characterization of tacrolimus-loaded solid dispersion with sodium carboxymethyl cellulose and sodium lauryl sulfate. <i>Archives of Pharmacal Research</i> , <b>2009</b> , 32, 893-8	6.1	41
216	Multiple polysaccharide-drug complex-loaded liposomes: A unique strategy in drug loading and cancer targeting. <i>Carbohydrate Polymers</i> , <b>2017</b> , 173, 57-66	10.3	40
215	Copper sulfide: An emerging adaptable nanoplatform in cancer theranostics. <i>International Journal of Pharmaceutics</i> , <b>2019</b> , 562, 135-150	6.5	40
214	Development and Evaluation of Artesunate-Loaded Chitosan-Coated Lipid Nanocapsule as a Potential Drug Delivery System Against Breast Cancer. <i>AAPS PharmSciTech</i> , <b>2015</b> , 16, 1307-16	3.9	40
213	Targeted co-delivery of polypyrrole and rapamycin by trastuzumab-conjugated liposomes for combined chemo-photothermal therapy. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 527, 61-71	6.5	39
212	Multifunctional nanoparticles as somatostatin receptor-targeting delivery system of polyaniline and methotrexate for combined chemo-photothermal therapy. <i>Acta Biomaterialia</i> , <b>2018</b> , 68, 154-167	10.8	39
211	Development of a novel sodium fusidate-loaded triple polymer hydrogel wound dressing: Mechanical properties and effects on wound repair. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 497, 114-22	6.5	39
210	Preparation and characterization of solid dispersion using a novel amphiphilic copolymer to enhance dissolution and oral bioavailability of sorafenib. <i>Powder Technology</i> , <b>2015</b> , 283, 260-265	5.2	38

209	In situ fabrication of mesoporous silica-coated silver-gold hollow nanoshell for remotely controllable chemo-photothermal therapy via phase-change molecule as gatekeepers. <i>International Journal of Pharmaceutics</i> , <b>2018</b> , 548, 92-103	6.5	38
208	Enhanced solubility and oral bioavailability of itraconazole by combining membrane emulsification and spray drying technique. <i>International Journal of Pharmaceutics</i> , <b>2012</b> , 434, 264-71	6.5	38
207	Multi-responsive albumin-lonidamine conjugated hybridized gold nanoparticle as a combined photothermal-chemotherapy for synergistic tumor ablation. <i>Acta Biomaterialia</i> , <b>2020</b> , 101, 531-543	10.8	38
206	Novel dual drug-loaded block ionomer complex micelles for enhancing the efficacy of chemotherapy treatments. <i>Journal of Biomedical Nanotechnology</i> , <b>2014</b> , 10, 1304-12	4	37
205	Emerging potential of stimulus-responsive nanosized anticancer drug delivery systems for systemic applications. <i>Archives of Pharmacal Research</i> , <b>2018</b> , 41, 111-129	6.1	37
204	Doxorubicin and paclitaxel co-bound lactosylated albumin nanoparticles having targetability to hepatocellular carcinoma. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 152, 183-191	6	36
203	Polypeptide Derivative of Metformin with the Combined Advantage of a Gene Carrier and Anticancer Activity. <i>ACS Biomaterials Science and Engineering</i> , <b>2019</b> , 5, 5159-5168	5.5	36
202	Enhanced oral bioavailability of fenofibrate using polymeric nanoparticulated systems: physicochemical characterization and in vivo investigation. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 1819-30	7.3	36
201	PEGylated polyaminoacid-capped mesoporous silica nanoparticles for mitochondria-targeted delivery of celastrol in solid tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 165, 56-66	6	36
200	Enhancement of oral bioavailability of fenofibrate by solid self-microemulsifying drug delivery systems. <i>Drug Development and Industrial Pharmacy</i> , <b>2013</b> , 39, 1431-8	3.6	36
199	Mechanical properties and in vivo healing evaluation of a novel Centella asiatica-loaded hydrocolloid wound dressing. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 490, 240-7	6.5	36
198	Current developments in nanotechnology for improved cancer treatment, focusing on tumor hypoxia. <i>Journal of Controlled Release</i> , <b>2020</b> , 324, 413-429	11.7	36
197	Effects of Formulation Variables on the Particle Size and Drug Encapsulation of Imatinib-Loaded Solid Lipid Nanoparticles. <i>AAPS PharmSciTech</i> , <b>2016</b> , 17, 652-62	3.9	35
196	Liquid crystalline nanoparticles encapsulating cisplatin and docetaxel combination for targeted therapy of breast cancer. <i>Biomaterials Science</i> , <b>2016</b> , 4, 1340-50	7.4	35
195	PEGylated thermosensitive lipid-coated hollow gold nanoshells for effective combinational chemo-photothermal therapy of pancreatic cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 160, 73-83	6	35
194	Hyaluronic acid-decorated poly(lactic-co-glycolic acid) nanoparticles for combined delivery of docetaxel and tanespimycin. <i>Carbohydrate Polymers</i> , <b>2015</b> , 123, 313-23	10.3	35
193	Docetaxel-loaded thermosensitive and bioadhesive nanomicelles as a rectal drug delivery system for enhanced chemotherapeutic effect. <i>Pharmaceutical Research</i> , <b>2013</b> , 30, 1860-70	4.5	35
192	Novel sodium fusidate-loaded film-forming hydrogel with easy application and excellent wound healing. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 495, 67-74	6.5	34



191	Systemic delivery of axitinib with nanohybrid liposomal nanoparticles inhibits hypoxic tumor growth. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 408-416	7.3	34
190	Preparation and evaluation of immediate release ibuprofen solid dispersions using polyethylene glycol 4000. <i>Biological and Pharmaceutical Bulletin</i> , <b>2008</b> , 31, 939-45	2.3	34
189	Development of novel fast-dissolving tacrolimus solid dispersion-loaded prolonged release tablet. <i>European Journal of Pharmaceutical Sciences</i> , <b>2014</b> , 54, 1-7	5.1	33
188	Albumin nanoparticles with synergistic antitumor efficacy against metastatic lung cancers. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 158, 157-166	6	33
187	Layer-by-layer assembly of hierarchical nanoarchitectures to enhance the systemic performance of nanoparticle albumin-bound paclitaxel. <i>International Journal of Pharmaceutics</i> , <b>2017</b> , 519, 11-21	6.5	32
186	Modulation of Pharmacokinetic and Cytotoxicity Profile of Imatinib Base by Employing Optimized Nanostructured Lipid Carriers. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 2912-27	4.5	32
185	Polypeptide-based Micelles for Delivery of Irinotecan: Physicochemical and In vivo Characterization. <i>Pharmaceutical Research</i> , <b>2015</b> , 32, 1947-56	4.5	32
184	Molecularly targeted co-delivery of a histone deacetylase inhibitor and paclitaxel by lipid-protein hybrid nanoparticles for synergistic combinational chemotherapy. <i>Oncotarget</i> , <b>2017</b> , 8, 14925-14940	3.3	32
183	Tissue adhesive FK506-loaded polymeric nanoparticles for multi-layered nano-shielding of pancreatic islets to enhance xenograft survival in a diabetic mouse model. <i>Biomaterials</i> , <b>2018</b> , 154, 182-196	15.6	32
182	Solid matrix-based lipid nanoplatfoms as carriers for combinational therapeutics in cancer. <i>Journal of Pharmaceutical Investigation</i> , <b>2017</b> , 47, 461-473	6.3	31
181	Development of a rebamipide solid dispersion system with improved dissolution and oral bioavailability. <i>Archives of Pharmacal Research</i> , <b>2015</b> , 38, 522-33	6.1	31
180	A novel surface-attached carvedilol solid dispersion with enhanced solubility and dissolution. <i>Archives of Pharmacal Research</i> , <b>2013</b> , 36, 79-85	6.1	31
179	Palladium nanoparticle-decorated 2-D graphene oxide for effective photodynamic and photothermal therapy of prostate solid tumors. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 169, 429-437	6	31
178	Nanomedicines for oral administration based on diverse nanoplatfom. <i>Journal of Pharmaceutical Investigation</i> , <b>2016</b> , 46, 351-362	6.3	30
177	Reprogramming the T cell response to cancer by simultaneous, nanoparticle-mediated PD-L1 inhibition and immunogenic cell death. <i>Journal of Controlled Release</i> , <b>2019</b> , 315, 126-138	11.7	30
176	Block Ionomer Complex Micelles with Cross-Linked Cores for Drug Delivery. <i>Polymer Science - Series A</i> , <b>2009</b> , 51, 708-718	1.2	30
175	Enhanced oral bioavailability of flurbiprofen by combined use of micelle solution and inclusion compound. <i>Archives of Pharmacal Research</i> , <b>2010</b> , 33, 95-101	6.1	29
174	Novel piroxicam-loaded nanospheres generated by the electro spraying technique: physicochemical characterisation and oral bioavailability evaluation. <i>Journal of Microencapsulation</i> , <b>2016</b> , 33, 323-30	3.4	29

173	Development of novel cilostazol-loaded solid SNEDDS using a SPG membrane emulsification technique: Physicochemical characterization and in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 150, 216-222	6	28
172	Novel fenofibric acid-loaded controlled release pellet bioequivalent to choline fenofibrate-loaded commercial product in beagle dogs. <i>International Journal of Pharmaceutics</i> , <b>2015</b> , 490, 273-80	6.5	28
171	Docetaxel-loaded polylactic acid-co-glycolic acid nanoparticles: formulation, physicochemical characterization and cytotoxicity studies. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2013</b> , 13, 5948-56	1.3	28
170	Hyaluronic acid-capped compact silica-supported mesoporous titania nanoparticles for ligand-directed delivery of doxorubicin. <i>Acta Biomaterialia</i> , <b>2018</b> , 80, 364-377	10.8	28
169	Comparative study on solid self-nanoemulsifying drug delivery and solid dispersion system for enhanced solubility and bioavailability of ezetimibe. <i>International Journal of Nanomedicine</i> , <b>2015</b> , 10, 6147-59	7.3	27
168	Combined phototherapy in anti-cancer treatment: therapeutics design and perspectives. <i>Journal of Pharmaceutical Investigation</i> , <b>2016</b> , 46, 505-517	6.3	27
167	Development of polymeric irinotecan nanoparticles using a novel lactone preservation strategy. <i>International Journal of Pharmaceutics</i> , <b>2016</b> , 512, 75-86	6.5	26
166	Cross-linked Polymeric Micelles based on Block Ionomer Complexes. <i>Mendeleev Communications</i> , <b>2013</b> , 23, 179-186	1.9	26
165	Polypeptide-based nanogels co-encapsulating a synergistic combination of doxorubicin with 17-AAG show potent anti-tumor activity in ErbB2-driven breast cancer models. <i>Journal of Controlled Release</i> , <b>2015</b> , 208, 59-66	11.7	26
164	Cationic drug-based self-assembled polyelectrolyte complex micelles: Physicochemical, pharmacokinetic, and anticancer activity analysis. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 146, 152-60	6	25
163	Polyamino Acid Layer-by-Layer (LbL) Constructed Silica-Supported Mesoporous Titania Nanocarriers for Stimuli-Responsive Delivery of microRNA 708 and Paclitaxel for Combined Chemotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 24392-24405	9.5	25
162	Comparison of a revaprazan-loaded solid dispersion, solid SNEDDS and inclusion compound: Physicochemical characterisation and pharmacokinetics. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 162, 420-426	6	25
161	Preparation and characterization of spray-dried valsartan-loaded Eudragit <sup>®</sup> E PO solid dispersion microparticles. <i>Asian Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 11, 744-750	9	24
160	Enhancing activity of artesunate against breast cancer cells via induced-apoptosis pathway by loading into lipid carriers. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , <b>2016</b> , 44, 1979-1987	6.1	24
159	The influence of bile salt on the chemotherapeutic response of docetaxel-loaded thermosensitive nanomicelles. <i>International Journal of Nanomedicine</i> , <b>2014</b> , 9, 3815-24	7.3	24
158	Development of valsartan-loaded gelatin microcapsule without crystal change using hydroxypropylmethylcellulose as a stabilizer. <i>Drug Delivery</i> , <b>2010</b> , 17, 322-9	7	24
157	Enhanced solubility and bioavailability of sibutramine base by solid dispersion system with aqueous medium. <i>Biological and Pharmaceutical Bulletin</i> , <b>2010</b> , 33, 279-84	2.3	24
156	Novel electrosprayed nanospherules for enhanced aqueous solubility and oral bioavailability of poorly water-soluble fenofibrate. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 213-21	7.3	24



155	Receptor-targeted, drug-loaded, functionalized graphene oxides for chemotherapy and photothermal therapy. <i>International Journal of Nanomedicine</i> , <b>2016</b> , 11, 2799-813	7.3	24
154	Smart Nanocarriers for the Delivery of Nucleic Acid-Based Therapeutics: A Comprehensive Review. <i>Biotechnology Journal</i> , <b>2021</b> , 16, e1900408	5.6	24
153	Combined photothermal and photodynamic therapy by hyaluronic acid-decorated polypyrrole nanoparticles. <i>Nanomedicine</i> , <b>2017</b> , 12, 1511-1523	5.6	23
152	Polymeric microsphere-facilitated site-specific delivery of quercetin prevents senescence of pancreatic islets in vivo and improves transplantation outcomes in mouse model of diabetes. <i>Acta Biomaterialia</i> , <b>2018</b> , 75, 287-299	10.8	23
151	Polypeptide nanogels with hydrophobic moieties in the cross-linked ionic cores: synthesis, characterization and implications for anticancer drug delivery. <i>Journal of Drug Targeting</i> , <b>2013</b> , 21, 981-994	5.4	23
150	Hyaluronic acid wreathed, trio-stimuli receptive and on-demand triggerable nanoconstruct for anchored combinatorial cancer therapy. <i>Carbohydrate Polymers</i> , <b>2020</b> , 249, 116815	10.3	23
149	Rational combination immunotherapeutic approaches for effective cancer treatment. <i>Journal of Controlled Release</i> , <b>2019</b> , 294, 114-130	11.7	23
148	Solid self-nanoemulsifying drug delivery system (SNEDDS) for enhanced oral bioavailability of poorly water-soluble tacrolimus: physicochemical characterisation and pharmacokinetics. <i>Journal of Microencapsulation</i> , <b>2015</b> , 32, 503-10	3.4	22
147	Development of a novel solid lipid nanoparticles-loaded dual-reverse thermosensitive nanomicelle for intramuscular administration with sustained release and reduced toxicity. <i>RSC Advances</i> , <b>2015</b> , 5, 43687-43694	3.7	22
146	Preparation of High-Payload, Prolonged-Release Biodegradable Poly(lactic-co-glycolic acid)-Based Tacrolimus Microspheres Using the Single-Jet Electrospray Method. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2016</b> , 64, 171-8	1.9	22
145	Novel revaprazan-loaded gelatin microsphere with enhanced drug solubility and oral bioavailability. <i>Journal of Microencapsulation</i> , <b>2018</b> , 35, 421-427	3.4	22
144	A novel solid dispersion system for natural product-loaded medicine: silymarin-loaded solid dispersion with enhanced oral bioavailability and hepatoprotective activity. <i>Journal of Microencapsulation</i> , <b>2014</b> , 31, 619-26	3.4	22
143	Application of Box-Behnken design in the preparation and optimization of fenofibrate-loaded self-microemulsifying drug delivery system (SMEDDS). <i>Journal of Microencapsulation</i> , <b>2014</b> , 31, 31-40	3.4	22
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138	Folate-Mediated Targeted Delivery of Combination Chemotherapeutics Loaded Reduced Graphene Oxide for Synergistic Chemo-Photothermal Therapy of Cancers. <i>Pharmaceutical Research</i> , <b>2016</b> , 33, 2815-27	4.5	21

137	Role of zein incorporation on hydrophobic drug-loading capacity and colloidal stability of phospholipid nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2018</b> , 171, 514-521	6	21
136	PEGylated lipid bilayer-wrapped nano-graphene oxides for synergistic co-delivery of doxorubicin and rapamycin to prevent drug resistance in cancers. <i>Nanotechnology</i> , <b>2017</b> , 28, 295101	3.4	20
135	Method for the Instant In-Flight Manufacture of Black Phosphorus to Assemble Core@Shell Nanocomposites for Targeted Photoimmunotherapy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 24959-24970	9.5	20
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133	Hydrophobic binding peptide-conjugated hybrid lipid-mesoporous silica nanoparticles for effective chemo-photothermal therapy of pancreatic cancer. <i>Drug Delivery</i> , <b>2017</b> , 24, 1690-1702	7	20
132	In vivo wound-healing effects of novel benzalkonium chloride-loaded hydrocolloid wound dressing. <i>Drug Development Research</i> , <b>2015</b> , 76, 157-65	5.1	20
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130	Transferrin-conjugated pH-sensitive platform for effective delivery of porous palladium nanoparticles and paclitaxel in cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2019</b> , 176, 265-275	6	20
129	Comparison of three different types of cilostazol-loaded solid dispersion: Physicochemical characterization and pharmacokinetics in rats. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2017</b> , 154, 89-95	6	19
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122	Incorporation of chemotherapeutic agent and photosensitizer in a low temperature-sensitive liposome for effective chemo-hyperthermic anticancer activity. <i>Expert Opinion on Drug Delivery</i> , <b>2017</b> , 14, 155-164	8	19
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22	Formulation of novel dry powder inhalation for fluticasone propionate and salmeterol xinafoate with capsule-based device. <i>Pharmaceutical Development and Technology</i> , <b>2018</b> , 23, 158-166	3.4	3
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20	Effects of Noscarnin on hypertrophic scarring in the rabbit ear model: histopathological aspects. <i>Archives of Pharmacal Research</i> , <b>2012</b> , 35, 1999-2006	6.1	3
19	The Pharmacological Effects of Benachio-F(II) on Rat Gastrointestinal Functions. <i>Biomolecules and Therapeutics</i> , <b>2015</b> , 23, 350-6	4.2	3
18	Fabrication of aerosol-based nanoparticles and their applications in biomedical fields. <i>Journal of Pharmaceutical Investigation</i> , <b>2021</b> , 51, 1-15	6.3	3
17	Particulate-Based Single-Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation. <i>Advanced Healthcare Materials</i> , <b>2021</b> , 10, e2001157	10.1	3
16	Degradation kinetics study of 1-palmitoyl-2-linoleoyl-3-acetyl-rac-glycerol (PLAG) by a validated stability-indicating RP-HPLC method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 374-380	3.5	3
15	An albumin nanocomplex-based endosomal pH-activatable on/off probe system. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2016</b> , 144, 327-334	6	2
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13	Comparison of the physicochemical properties, aqueous solubility, and oral bioavailability of rivaroxaban-loaded high-pressure homogenised and Shirasu porous glass membrane emulsified solid self-nanoemulsifying drug delivery systems. <i>Journal of Molecular Liquids</i> , <b>2021</b> , 346, 117057	6	2
12	Preparation and evaluation of dabrafenib-loaded, CD47-conjugated human serum albumin-based nanoconstructs for chemoimmunomodulation. <i>Colloids and Surfaces B: Biointerfaces</i> , <b>2021</b> , 208, 112093	6	2

11	Influence of hydrophilic polymers on mechanical property and wound recovery of hybrid bilayer wound dressing system for delivering thermally unstable probiotic.. <i>Materials Science and Engineering C</i> , <b>2022</b> , 112696	8.3	1
10	CROSS-LINKED POLYMER MICELLES WITH BIODEGRADABLE IONIC CORES FOR ANTI-CANCER DRUG DELIVERY <b>2009</b> , 50, 372-373		1
9	Surface-Triggered In Situ Gelation for Tunable Conformal Hydrogel Coating of Therapeutic Cells and Biomedical Devices. <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2010169	15.6	1
8	Nanovaccines silencing IL-10 production at priming phase for boosting immune responses to melanoma. <i>Journal of Controlled Release</i> , <b>2021</b> , 338, 211-223	11.7	1
7	Recent advancements in lipid-mRNA nanoparticles as a treatment option for cancer immunotherapy.. <i>Journal of Pharmaceutical Investigation</i> , <b>2022</b> , 1-12	6.3	1
6	Diet and lipid-lowering drug use among people with dyslipidemia in Korea. <i>Asia Pacific Journal of Clinical Nutrition</i> , <b>2019</b> , 28, 476-485	1	1
5	Hydrogel Coatings: Surface-Triggered In Situ Gelation for Tunable Conformal Hydrogel Coating of Therapeutic Cells and Biomedical Devices (Adv. Funct. Mater. 21/2021). <i>Advanced Functional Materials</i> , <b>2021</b> , 31, 2170153	15.6	0
4	The impact of locally-delivered tacrolimus-releasing microspheres and polyethylene glycol-based islet surface modification on xenogeneic islet survival. <i>Journal of Controlled Release</i> , <b>2021</b> , 336, 274-284 <sup>11.7</sup>	11.7	0
3	Streamlined plug-in aerosol prototype for reconfigurable manufacture of nano-drug delivery systems.. <i>Biomaterials</i> , <b>2022</b> , 284, 121511	15.6	0
2	Retraction Note: Effects of DA-5513 on alcohol metabolism and alcoholic fatty liver in rats. <i>Laboratory Animal Research</i> , <b>2020</b> , 36, 18	1.9	
1	Evaluation of antimicrobial effect of DA-5502 in gingivitis and periodontal diseases. <i>Journal of Pharmaceutical Investigation</i> , <b>2018</b> , 48, 443-450	6.3	