

Kyung Taek Oh

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115
papers

3,397
citations

30
h-index

54
g-index

117
ext. papers

3,922
ext. citations

6.4
avg, IF

5.35
L-index

#	Paper	IF	Citations
115	Tumor pH-responsive flower-like micelles of poly(L-lactic acid)-b-poly(ethylene glycol)-b-poly(L-histidine). <i>Journal of Controlled Release</i> , 2007 , 123, 19-26	11.7	364
114	Doxorubicin-loaded polymeric micelle overcomes multidrug resistance of cancer by double-targeting folate receptor and early endosomal pH. <i>Small</i> , 2008 , 4, 2043-50	11	286
113	A smart polysaccharide/drug conjugate for photodynamic therapy. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 1644-7	16.4	224
112	A virus-mimetic nanogel vehicle. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 2418-21	16.4	191
111	Doxorubicin-loaded human serum albumin nanoparticles surface-modified with TNF-related apoptosis-inducing ligand and transferrin for targeting multiple tumor types. <i>Biomaterials</i> , 2012 , 33, 1536-46	15.6	185
110	Rabies Virus-Inspired Silica-Coated Gold Nanorods as a Photothermal Therapeutic Platform for Treating Brain Tumors. <i>Advanced Materials</i> , 2017 , 29, 1605563	24	146
109	Binary mixing of micelles using Pluronics for a nano-sized drug delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 82, 190-5	6	86
108	Electrostatic charge conversion processes in engineered tumor-identifying polypeptides for targeted chemotherapy. <i>Biomaterials</i> , 2012 , 33, 1884-93	15.6	65
107	Folate receptor-mediated celastrol and irinotecan combination delivery using liposomes for effective chemotherapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 170, 718-728	6	56
106	A smart flower-like polymeric micelle for pH-triggered anticancer drug release. <i>International Journal of Pharmaceutics</i> , 2009 , 375, 163-9	6.5	56
105	Irinotecan-encapsulated double-reverse thermosensitive nanocarrier system for rectal administration. <i>Drug Delivery</i> , 2017 , 24, 502-510	7	55
104	pH-sensitive properties of surface charge-switched multifunctional polymeric micelle. <i>International Journal of Pharmaceutics</i> , 2009 , 376, 134-40	6.5	55
103	Liposomal Formulations for Nose-to-Brain Delivery: Recent Advances and Future Perspectives. <i>Pharmaceutics</i> , 2019 , 11,	6.4	51
102	Hyaluronated fullerenes with photoluminescent and antitumoral activity. <i>Chemical Communications</i> , 2013 , 49, 282-4	5.8	50
101	Irinotecan-loaded double-reversible thermogel with improved antitumor efficacy without initial burst effect and toxicity for intramuscular administration. <i>Acta Biomaterialia</i> , 2017 , 54, 239-248	10.8	49
100	Transferrin-Conjugated Polymeric Nanoparticle for Receptor-Mediated Delivery of Doxorubicin in Doxorubicin-Resistant Breast Cancer Cells. <i>Pharmaceutics</i> , 2019 , 11,	6.4	43
99	Poly(L-aspartic acid) nanogels for lysosome-selective antitumor drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 101, 298-306	6	41

98	A novel pH-responsive polysaccharidic ionic complex for proapoptotic D-(KLAKLAK) ₂ peptide delivery. <i>Chemical Communications</i> , 2011 , 47, 3852-4	5.8	38
97	The reversal of drug-resistance in tumors using a drug-carrying nanoparticular system. <i>International Journal of Molecular Sciences</i> , 2009 , 10, 3776-92	6.3	38
96	Gold nanocluster-loaded hybrid albumin nanoparticles with fluorescence-based optical visualization and photothermal conversion for tumor detection/ablation. <i>Journal of Controlled Release</i> , 2019 , 304, 7-18	11.7	37
95	Emerging potential of stimulus-responsive nanosized anticancer drug delivery systems for systemic applications. <i>Archives of Pharmacal Research</i> , 2018 , 41, 111-129	6.1	37
94	Doxorubicin and paclitaxel co-bound lactosylated albumin nanoparticles having targetability to hepatocellular carcinoma. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 152, 183-191	6	36
93	Hyaluronated nanoparticles with pH- and enzyme-responsive drug release properties. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 116, 359-64	6	36
92	PEGylated thermosensitive lipid-coated hollow gold nanoshells for effective combinational chemo-photothermal therapy of pancreatic cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 73-83	6	35
91	Triblock copolymers for nano-sized drug delivery systems. <i>Journal of Pharmaceutical Investigation</i> , 2017 , 47, 27-35	6.3	34
90	One-pot synthesis of carbon dots with intrinsic folic acid for synergistic imaging-guided photothermal therapy of prostate cancer cells. <i>Biomaterials Science</i> , 2019 , 7, 5187-5196	7.4	34
89	Albumin nanoparticles with synergistic antitumor efficacy against metastatic lung cancers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 158, 157-166	6	33
88	Facile synthesis of multilayered polysaccharidic vesicles. <i>Journal of Controlled Release</i> , 2014 , 187, 83-90	11.7	32
87	A feasibility study of a pH sensitive nanomedicine using doxorubicin loaded poly(aspartic acid-graft-imidazole)-block-poly(ethylene glycol) micelles. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 1152-1159	7.3	31
86	Nanomedicines for oral administration based on diverse nanoplatform. <i>Journal of Pharmaceutical Investigation</i> , 2016 , 46, 351-362	6.3	30
85	pH-Responsive hyaluronated liposomes for docetaxel delivery. <i>International Journal of Pharmaceutics</i> , 2018 , 547, 377-384	6.5	29
84	pH-sensitive short worm-like micelles targeting tumors based on the extracellular pH. <i>Journal of Materials Chemistry B</i> , 2014 , 2, 6363-6370	7.3	29
83	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> , 2017 , 150, 216-222	6	28
82	Recent advance of pH-sensitive nanocarriers targeting solid tumors. <i>Journal of Pharmaceutical Investigation</i> , 2017 , 47, 383-394	6.3	27
81	A nano-complex system to overcome antagonistic photo-chemo combination cancer therapy. <i>Journal of Controlled Release</i> , 2019 , 295, 164-173	11.7	27

80	Principles and applications of nanomaterial-based hyperthermia in cancer therapy. <i>Archives of Pharmacal Research</i> , 2020 , 43, 46-57	6.1	26
79	Beta-carotene-bound albumin nanoparticles modified with chlorin e6 for breast tumor ablation based on photodynamic therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 171, 123-133	6	25
78	Development of a pH-sensitive polymer using poly(aspartic acid-graft-imidazole)-block-poly(ethylene glycol) for acidic pH targeting systems. <i>Macromolecular Research</i> , 2011 , 19, 453-460	1.9	25
77	Comparison of a revaprazan-loaded solid dispersion, solid SNEDDS and inclusion compound: Physicochemical characterisation and pharmacokinetics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018 , 162, 420-426	6	25
76	Chlorella-gold nanorods hydrogels generating photosynthesis-derived oxygen and mild heat for the treatment of hypoxic breast cancer. <i>Journal of Controlled Release</i> , 2019 , 294, 77-90	11.7	24
75	Novel revaprazan-loaded gelatin microsphere with enhanced drug solubility and oral bioavailability. <i>Journal of Microencapsulation</i> , 2018 , 35, 421-427	3.4	22
74	Development of a novel l-sulpiride-loaded quaternary microcapsule: Effect of TPGS as an absorption enhancer on physicochemical characterization and oral bioavailability. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 250-257	6	22
73	Gold Nanoparticles Bearing a Tumor pH-Sensitive Cyclodextrin Cap. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 24450-24458	9.5	21
72	Comparison of three different types of cilostazol-loaded solid dispersion: Physicochemical characterization and pharmacokinetics in rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 154, 89-95	6	19
71	Small gold nanorods-loaded hybrid albumin nanoparticles with high photothermal efficacy for tumor ablation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 179, 340-351	6	19
70	3-Diethylaminopropyl-bearing glycol chitosan as a protein drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 585-90	6	19
69	Dendritic Cell-Targeted pH-Responsive Extracellular Vesicles for Anticancer Vaccination. <i>Pharmaceutics</i> , 2019 , 11,	6.4	17
68	A nanosized delivery system of superparamagnetic iron oxide for tumor MR imaging. <i>International Journal of Pharmaceutics</i> , 2012 , 439, 342-8	6.5	17
67	Preparation of chlorine e6-conjugated single-wall carbon nanotube for photodynamic therapy. <i>Macromolecular Research</i> , 2011 , 19, 848-852	1.9	17
66	Development of a new tri-block copolymer with a functional end and its feasibility for treatment of metastatic breast cancer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 144, 73-80	6	17
65	Poisonous Caterpillar-Inspired Chitosan Nanofiber Enabling Dual Photothermal and Photodynamic Tumor Ablation. <i>Pharmaceutics</i> , 2019 , 11,	6.4	16
64	βCyclodextrin-phenylacetic acid mesh as a drug trap. <i>Carbohydrate Polymers</i> , 2018 , 184, 390-400	10.3	15
63	Development of novel prasugrel base microsphere-loaded tablet with enhanced stability: Physicochemical characterization and in vivo evaluation in beagle dogs. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 146, 754-61	6	15

62	Revaprazan-loaded surface-modified solid dispersion: physicochemical characterization and in vivo evaluation. <i>Pharmaceutical Development and Technology</i> , 2019 , 24, 788-793	3.4	14
61	Hoechst 33258-conjugated hyaluronated fullerene for efficient photodynamic tumor therapy and necrotic tumor targeting. <i>Journal of Bioactive and Compatible Polymers</i> , 2015 , 30, 275-288	2	14
60	Cyclic RGD-conjugated Pluronic blending system for active, targeted drug delivery. <i>International Journal of Nanomedicine</i> , 2018 , 13, 4627-4639	7.3	14
59	Development of a robust pH-sensitive polyelectrolyte ionomer complex for anticancer nanocarriers. <i>International Journal of Nanomedicine</i> , 2016 , 11, 703-13	7.3	14
58	Extremely small-sized globular poly(ethylene glycol)-cyclic RGD conjugates targeting integrin α_n tumor cells. <i>International Journal of Pharmaceutics</i> , 2017 , 528, 1-7	6.5	13
57	A charge-reversible nanocarrier using PEG-PLL (-Ce6, DMA)-PLA for photodynamic therapy. <i>International Journal of Nanomedicine</i> , 2017 , 12, 6185-6196	7.3	13
56	A novel prototype of albumin nanoparticles fabricated by supramolecular cyclodextrin-adamantane association. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 281-290	6	13
55	Development of pH-responsive poly(β -cyclodextrin) derivative nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 119, 14-21	6	13
54	A conjugation of stearic acid to apotransferrin, fattigation-platform, as a core to form self-assembled nanoparticles: Encapsulation of a hydrophobic paclitaxel and receptor-driven cancer targeting. <i>Journal of Drug Delivery Science and Technology</i> , 2017 , 41, 222-230	4.5	13
53	Physicochemical characterizations of amphiphilic block copolymers with different MWs and micelles for development of anticancer drug nanocarriers. <i>Macromolecular Research</i> , 2012 , 20, 944-953	1.9	12
52	A stable nanoplatform for antitumor activity using PEG-PLL-PLA triblock co-polyelectrolyte. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 153, 10-18	6	11
51	Development of a docetaxel micellar formulation using poly(ethylene glycol)-polylactide-poly(ethylene glycol) (PEG-PLA-PEG) with successful reconstitution for tumor targeted drug delivery. <i>Drug Delivery</i> , 2018 , 25, 1362-1371	7	11
50	A novel solid self-nanoemulsifying drug delivery system (S-SNEDDS) for improved stability and oral bioavailability of an oily drug, 1-palmitoyl-2-linoleoyl-3-acetyl-rac-glycerol. <i>Drug Delivery</i> , 2017 , 24, 1018-1025	7	11
49	Poly(L-aspartic acid) derivative soluble in a volatile organic solvent for biomedical application. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 97, 190-5	6	11
48	Near infrared light-responsive heat-emitting hemoglobin hydrogels for photothermal cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 176, 156-166	6	11
47	Synergistic photodynamic therapeutic effect of indole-3-acetic acid using a pH sensitive nano-carrier based on poly(aspartic acid-graft-imidazole)-poly(ethylene glycol). <i>Journal of Materials Chemistry B</i> , 2017 , 5, 8498-8505	7.3	10
46	pH-Responsive globular poly(ethylene glycol) for photodynamic tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 148, 173-180	6	10
45	Development of pH-responsive starch-glycol chitosan nanogels for proapoptotic (KLAKLAK) ₂ peptide delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 345-354	2	10

44	Facile synthesis of multimeric micelles. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7287-91	16.4	10
43	Preparation of multifunctional polymeric micelles for antiviral treatment. <i>Macromolecular Research</i> , 2010 , 18, 747-752	1.9	10
42	Facile fabrication of highly photothermal-effective albumin-assisted gold nanoclusters for treating breast cancer. <i>International Journal of Pharmaceutics</i> , 2018 , 553, 363-374	6.5	10
41	Tumor-Homing pH-Sensitive Extracellular Vesicles for Targeting Heterogeneous Tumors. <i>Pharmaceutics</i> , 2020 , 12,	6.4	9
40	Functional poly(L-lysine) derivative nanogels with acidic pH-pulsed antitumor drug release properties. <i>Journal of Pharmaceutical Investigation</i> , 2014 , 44, 351-356	6.3	9
39	Photoresponsive hyaluronate nanogel as an anticancer drug carrier. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 791-796	3.2	9
38	New potential application of hydroxypropyl-β-cyclodextrin in solid self-nanoemulsifying drug delivery system and solid dispersion. <i>Carbohydrate Polymers</i> , 2021 , 271, 118433	10.3	9
37	Novel dabigatran etexilate hemisuccinate-loaded polycap: Physicochemical characterisation and in vivo evaluation in beagle dogs. <i>International Journal of Pharmaceutics</i> , 2017 , 525, 60-70	6.5	8
36	Effect of inorganic mesoporous carriers on 1-palmitoyl-2-linoleoyl-3-acetyl-rac-glycerol-loaded solid self-emulsifying drug delivery system: Physicochemical characterization and bioavailability in rats. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 160, 331-336	6	8
35	Cyclic RGD-Conjugated Hyaluronate Dot Bearing Cleavable Doxorubicin for Multivalent Tumor Targeting. <i>Biomacromolecules</i> , 2020 , 21, 2525-2535	6.9	8
34	Indocyanine Green and Curcumin Co-Loaded Nano-Fireball-Like Albumin Nanoparticles Based on Near-Infrared-Induced Hyperthermia for Tumor Ablation. <i>International Journal of Nanomedicine</i> , 2020 , 15, 6469-6484	7.3	8
33	Characterization of a triblock copolymer, poly(ethylene glycol)-polylactide-poly(ethylene glycol), with different structures for anticancer drug delivery applications. <i>Polymer Bulletin</i> , 2017 , 74, 1595-1609 ^{2,4}		7
32	Co-delivery of D-(KLAKLAK) ₂ peptide and doxorubicin using a pH-sensitive nanocarrier for synergistic anticancer treatment. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 4299-4308	7.3	7
31	Mitochondria-selective photodynamic tumor therapy using globular PEG nanoparticles. <i>Macromolecular Research</i> , 2016 , 24, 634-639	1.9	7
30	Co-delivery of D-(KLAKLAK) Peptide and Chlorin e6 using a Liposomal Complex for Synergistic Cancer Therapy. <i>Pharmaceutics</i> , 2019 , 11,	6.4	7
29	Artificial nano-pin as a temporal molecular glue for the targeting of acidic tumor cells. <i>Polymers for Advanced Technologies</i> , 2014 , 25, 842-850	3.2	7
28	Characterization and pharmacokinetic study of itraconazole solid dispersions prepared by solvent-controlled precipitation and spray-dry methods. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 1707-1715	4.8	6
27	Hyperthermal paclitaxel-bound albumin nanoparticles co-loaded with indocyanine green and hyaluronidase for treating pancreatic cancers. <i>Archives of Pharmacal Research</i> , 2021 , 44, 182-193	6.1	6

26	A nano-sized blending system comprising identical triblock copolymers with different hydrophobicity for fabrication of an anticancer drug nanovehicle with high stability and solubilizing capacity. <i>International Journal of Nanomedicine</i> , 2019 , 14, 3629-3644	7.3	5
25	A pH-Sensitive Polymer for Cancer Targeting Prepared by One-Step Modulation of Functional Side Groups. <i>Macromolecular Research</i> , 2019 , 27, 795-802	1.9	5
24	A Mixed Micellar Formulation for the Transdermal Delivery of an Indirubin Analog. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5
23	Development of pH-sensitive nanogels for cancer treatment using crosslinked poly(aspartic acid-graft-imidazole)-block-poly(ethylene glycol). <i>Journal of Applied Polymer Science</i> , 2018 , 135, 46268	2.9	5
22	A nanosystem for water-insoluble drugs prepared by a new technology, nanoparticulation using a solid lipid and supercritical fluid. <i>Archives of Pharmacal Research</i> , 2013 , 36, 1369-76	6.1	5
21	An On-Demand pH-Sensitive Nanocluster for Cancer Treatment by Combining Photothermal Therapy and Chemotherapy. <i>Pharmaceutics</i> , 2020 , 12,	6.4	5
20	Particle-in-Particle Platform for Nanoconfinement-Induced Oncothermia.. <i>ACS Applied Bio Materials</i> , 2018 , 1, 1927-1941	4.1	5
19	Development of a gene carrier using a triblock co-polyelectrolyte with poly(ethylene imine)-poly(lactic acid)-poly(ethylene glycol). <i>Journal of Bioactive and Compatible Polymers</i> , 2017 , 32, 280-292	2	4
18	Highly Red Light-Emitting Erbium- and Lutetium-Doped Core-Shell Upconverting Nanoparticles Surface-Modified with PEG-Folic Acid/TCPP for Suppressing Cervical Cancer HeLa Cells. <i>Pharmaceutics</i> , 2020 , 12,	6.4	4
17	Photo-Based Nanomedicines Using Polymeric Systems in the Field of Cancer Imaging and Therapy. <i>Biomedicines</i> , 2020 , 8,	4.8	4
16	Tumor-Targeting Liposomes with Transient Holes Allowing Intact Rituximab Internally. <i>Biomacromolecules</i> , 2021 , 22, 723-731	6.9	4
15	Comparison of Three Different Aqueous Microenvironments for Enhancing Oral Bioavailability of Sildenafil: Solid Self-Nanoemulsifying Drug Delivery System, Amorphous Microspheres and Crystalline Microspheres. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5797-5810	7.3	4
14	Formulation of novel dry powder inhalation for fluticasone propionate and salmeterol xinafoate with capsule-based device. <i>Pharmaceutical Development and Technology</i> , 2018 , 23, 158-166	3.4	3
13	Development of tiotropium inhalation formulations for the treatment of chronic obstructive pulmonary disease. <i>Journal of Pharmaceutical Investigation</i> , 2013 , 43, 71-74	6.3	3
12	Alendronate/cRGD-Decorated Ultrafine Hyaluronate Dot Targeting Bone Metastasis. <i>Biomedicines</i> , 2020 , 8,	4.8	3
11	Development of AE147 Peptide-Conjugated Nanocarriers for Targeting uPAR-Overexpressing Cancer Cells. <i>International Journal of Nanomedicine</i> , 2021 , 16, 5437-5449	7.3	3
10	Facile fabrication of hyaluronated starch nanogels for efficient docetaxel delivery. <i>Journal of Bioactive and Compatible Polymers</i> , 2019 , 34, 321-330	2	2
9	An albumin nanocomplex-based endosomal pH-activatable on/off probe system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 144, 327-334	6	2

8	Gas-forming poly(ethylene glycol)-b-poly(L-lactic acid) micelles. <i>Polymers for Advanced Technologies</i> , 2013 , 24, 551-556	3.2	2
7	Preparation and Characterization of a Lutein Solid Dispersion to Improve Its Solubility and Stability. <i>AAPS PharmSciTech</i> , 2021 , 22, 169	3.9	2
6	HM10660A, a long-acting HIFN-1b, is a potent candidate for the treatment of hepatitis C through an enhanced biological half-life. <i>International Journal of Pharmaceutics</i> , 2017 , 534, 89-96	6.5	1
5	Transferrin-Conjugated pH-Responsive β -Cyclodextrin Nanoparticles for Antitumoral Topotecan Delivery. <i>Pharmaceutics</i> , 2020 , 12,	6.4	1
4	Preparation of Gastro-retentive Tablets Employing Controlled Superporous Networks for Improved Drug Bioavailability. <i>AAPS PharmSciTech</i> , 2020 , 21, 320	3.9	1
3	Photoreactive-proton-generating hyaluronidase/albumin nanoparticles-loaded PEG-hydrogel enhances antitumor efficacy and disruption of the hyaluronic acid extracellular matrix in AsPC-1 tumors. <i>Materials Today Bio</i> , 2021 , 12, 100164	9.9	0
2	Development of pH-responsive cyclodextrin nanoparticles for tumor-specific photodynamic therapy. <i>Polymers for Advanced Technologies</i> , 2020 , 31, 3228-3237	3.2	0
1	Correction: Synergistic photodynamic therapeutic effect of indole-3-acetic acid using a pH sensitive nano-carrier based on poly(aspartic acid-graft-imidazole)-poly(ethylene glycol). <i>Journal of Materials Chemistry B</i> , 2018 , 6, 337	7.3	