

# Tae Hee Kim

## List of Publications by Year in descending order

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51  
papers

3,810  
citations

186265

28  
h-index

206112

48  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5121  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold Nanoparticle/Carbon Fiber Hybrid Structure from the Eco-Friendly and Energy-Efficient Process for Electrochemical Biosensing. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 8815-8824.	6.7	6
2	Evaluation of 3D Templated Synthetic Vascular Graft Compared with Standard Graft in a Rat Model: Potential Use as an Artificial Vascular Graft in Cardiovascular Disease. <i>Materials</i> , 2021, 14, 1239.	2.9	14
3	Synthetic and natural microfibers induce gut damage in the brine shrimp <i>Artemia franciscana</i> . <i>Aquatic Toxicology</i> , 2021, 232, 105748.	4.0	39
4	Rapid development of dual porous poly(lactic acid) foam using fused deposition modeling (FDM) 3D printing for medical scaffold application. <i>Materials Science and Engineering C</i> , 2020, 110, 110693.	7.3	83
5	3D bioprinted complex constructs reinforced by hybrid multilayers of electrospun nanofiber sheets. <i>Biofabrication</i> , 2019, 11, 025015.	7.1	34
6	Recombinant batroxobin-coated nonwoven chitosan as hemostatic dressing for initial hemorrhage control. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 757-763.	7.5	17
7	Curcumin-Incorporated Polymeric Scaffolds and Their Potential for the Detection of Radical Molecules. <i>Macromolecular Research</i> , 2018, 26, 145-150.	2.4	0
8	Preparation and characterization of calcium carboxymethyl cellulose/chitosan blend nonwovens for hemostatic agents. <i>Textile Research Journal</i> , 2018, 88, 1902-1911.	2.2	14
9	PolySTAT-modified chitosan gauzes for improved hemostasis in external hemorrhage. <i>Acta Biomaterialia</i> , 2016, 31, 178-185.	8.3	134
10	A Synthetic Carbohydrate Conjugate Vaccine Candidate against Shigellosis: Improved Bioconjugation and Impact of Alum on Immunogenicity. <i>Bioconjugate Chemistry</i> , 2016, 27, 883-892.	3.6	67
11	Introducing Deodorant Property on Chitosan Nonwoven Fabric by Sericin Post-Treatment. <i>Textile Science and Engineering</i> , 2016, 53, 273-278.	0.4	2
12	Structure and liquid handling properties of water-insoluble carboxymethyl cellulose foam. <i>Fibers and Polymers</i> , 2015, 16, 726-734.	2.1	6
13	Poly(lactic-co-glycolic) acid microspheres encapsulated in Pluronic F-127 prolong hirudin delivery and improve functional recovery from a demyelination lesion. <i>Biomaterials</i> , 2014, 35, 8895-8902.	11.4	40
14	Fabrication of superabsorbent ultrathin nanofibers using mesoporous materials for antimicrobial drug-delivery applications. <i>Macromolecular Research</i> , 2013, 21, 1281-1288.	2.4	5
15	pH-dependent, thermosensitive polymeric nanocarriers for drug delivery to solid tumors. <i>Biomaterials</i> , 2013, 34, 4501-4509.	11.4	128
16	Filamentous, Mixed Micelles of Triblock Copolymers Enhance Tumor Localization of Indocyanine Green in a Murine Xenograft Model. <i>Molecular Pharmaceutics</i> , 2012, 9, 135-143.	4.6	46
17	Folate Conjugated Poly(ester amine) for Lung Cancer Therapy. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 3294-3298.	0.9	3
18	The therapeutic efficiency of FP-PEA/TAM67 gene complexes via folate receptor-mediated endocytosis in a xenograft mice model. <i>Biomaterials</i> , 2010, 31, 2435-2445.	11.4	35

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19	Evaluation of Temperature-Sensitive, Indocyanine Green-Encapsulating Micelles for Noninvasive Near-Infrared Tumor Imaging. <i>Pharmaceutical Research</i> , 2010, 27, 1900-1913.	3.5	116
20	The delivery of doxorubicin to 3-D multicellular spheroids and tumors in a murine xenograft model using tumor-penetrating triblock polymeric micelles. <i>Biomaterials</i> , 2010, 31, 7386-7397.	11.4	148
21	A comparative study on the dielectric and dynamic mechanical relaxation behavior of the regenerated silk fibroin films. <i>Macromolecular Research</i> , 2009, 17, 785-790.	2.4	13
22	Endomicroscopy and biocompatible fluorescent nanocomplexes for clinical translation of high-resolution optical molecular imaging. , 2009, , .		0
23	Poly (amino ester) Composed of Poly (ethylene glycol) and Aminosilane Prepared by Combinatorial Chemistry as a Gene Carrier. <i>Pharmaceutical Research</i> , 2008, 25, 875-885.	3.5	38
24	Efficient route to orthogonally protected precursors of 2-acylamino-2-deoxy-3-O-substituted- $\beta$ -D-glucopyranose derivatives and use thereof. <i>Tetrahedron Letters</i> , 2008, 49, 5339-5342.	1.4	13
25	Urocanic acid-modified chitosan-mediated PTEN delivery via aerosol suppressed lung tumorigenesis in K-rasLA1 mice. <i>Cancer Gene Therapy</i> , 2008, 15, 275-283.	4.6	52
26	Receptor-mediated gene delivery using chemically modified chitosan. <i>Biomedical Materials (Bristol)</i> , 2007, 2, S95-S100.	3.3	28
27	Receptor-Mediated Gene Delivery Using Chitosan Derivatives In Vitro and In Vivo. <i>Materials Science Forum</i> , 2007, 539-543, 641-646.	0.3	2
28	Galactosylated Chitosan/Carbonate Apatite Nanohybridization for Cell Specificity and High Transfection Efficiency as a DNA Carrier. <i>Key Engineering Materials</i> , 2007, 342-343, 437-440.	0.4	1
29	Receptor-Mediated Gene Delivery Using Chitosan Derivatives In Vitro and In Vivo. <i>Key Engineering Materials</i> , 2007, 342-343, 449-452.	0.4	1
30	Receptor-Mediated Gene Delivery Using Chitosan Derivatives in Vitro and in Vivo. <i>Macromolecular Symposia</i> , 2007, 249-250, 137-144.	0.7	2
31	A Degradable Hyperbranched Poly(ester amine) Based on Poloxamer Diacrylate and Polyethylenimine as a Gene Carrier. <i>Macromolecular Bioscience</i> , 2007, 7, 611-619.	4.1	51
32	A biodegradable poly(ester amine) based on polycaprolactone and polyethylenimine as a gene carrier. <i>Biomaterials</i> , 2007, 28, 735-744.	11.4	170
33	Chemical modification of chitosan as a gene carrier in vitro and in vivo. <i>Progress in Polymer Science</i> , 2007, 32, 726-753.	24.7	312
34	Aerosol delivery of Akt controls protein translation in the lungs of dual luciferase reporter mice. <i>Gene Therapy</i> , 2007, 14, 451-458.	4.5	21
35	Aerosol-delivered programmed cell death 4 enhanced apoptosis, controlled cell cycle and suppressed AP-1 activity in the lungs of AP-1 luciferase reporter mice. <i>Gene Therapy</i> , 2007, 14, 1353-1361.	4.5	38
36	A Novel Mucoadhesive Polymer Film Composed of Carbopol, Poloxamer and Hydroxypropylmethylcellulose. <i>Archives of Pharmacal Research</i> , 2007, 30, 381-386.	6.3	28

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37	Aerosol delivery of urocanic acid- $\epsilon$ -modified chitosan/programmed cell death 4 complex regulated apoptosis, cell cycle, and angiogenesis in lungs of K-ras null mice. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1041-1049.	4.1	103
38	Receptor-Mediated Gene Delivery into Antigen Presenting Cells Using Mannosylated Chitosan/DNA Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2006, 6, 2796-2803.	0.9	98
39	Galactose-carrying polymers as extracellular matrices for liver tissue engineering. <i>Biomaterials</i> , 2006, 27, 576-585.	11.4	168
40	Mannosylated chitosan nanoparticle- $\epsilon$ -based cytokine gene therapy suppressed cancer growth in BALB/c mice bearing CT-26 carcinoma cells. <i>Molecular Cancer Therapeutics</i> , 2006, 5, 1723-1732.	4.1	142
41	Synergistic effect of poly(ethylenimine) on the transfection efficiency of galactosylated chitosan/DNA complexes. <i>Journal of Controlled Release</i> , 2005, 105, 354-366.	9.9	131
42	Drug release from xyloglucan beads coated with Eudragit for oral drug delivery. <i>Archives of Pharmacal Research</i> , 2005, 28, 736-742.	6.3	19
43	Chitosan Derivatives as Gene Carriers. <i>Key Engineering Materials</i> , 2005, 288-289, 97-100.	0.4	3
44	Galactosylated chitosan/DNA nanoparticles prepared using water-soluble chitosan as a gene carrier. <i>Biomaterials</i> , 2004, 25, 3783-3792.	11.4	254
45	Visualization of transfection of hepatocytes by galactosylated chitosan-graft-poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Pharmaceutics</i> , 2003, 257, 103-110.	5.2	54
46	Efficient gene delivery by urocanic acid-modified chitosan. <i>Journal of Controlled Release</i> , 2003, 93, 389-402.	9.9	208
47	A novel degradable polycaprolactone networks for tissue engineering. <i>Biomaterials</i> , 2003, 24, 801-808.	11.4	610
48	Release of albumin from chitosan-coated pectin beads in vitro. <i>International Journal of Pharmaceutics</i> , 2003, 250, 371-383.	5.2	92
49	Chemical Modification of Chitosan for Gene Delivery. <i>Journal of Dispersion Science and Technology</i> , 2003, 24, 489-498.	2.4	14
50	Galactosylated chitosan-graft-poly(ethylene glycol) as hepatocyte-targeting DNA carrier. <i>Journal of Controlled Release</i> , 2001, 76, 349-362.	9.9	204
51	Novel Poly(Ester Amine) Based on Polycaprolactone and Polyethylenimine as a Gene Carrier: Effect of Hydrophobicity on Transfection Efficiency and Cytotoxicity. <i>Key Engineering Materials</i> , 0, 342-343, 453-456.	0.4	3