Eun Ji Chung

List of Publications by Year
in descending order

54 papers	1,893 citations	218381 26 h-index	264894 42 g-index
56 all docs	56 docs citations	56 times ranked	2607 citing authors

#	Article	IF	Citations
1	Self-assembling peptide-based building blocks in medical applications. Advanced Drug Delivery Reviews, 2017, 110-111, 65-79.	6.6	169
2	Fibrin-binding, peptide amphiphile micelles for targeting glioblastoma. Biomaterials, 2014, 35, 1249-1256.	5.7	144
3	Inhibition of atherosclerosis-promoting microRNAs via targeted polyelectrolyte complex micelles. Journal of Materials Chemistry B, 2014, 2, 8142-8153.	2.9	89
4	Targeting cell adhesion molecules with nanoparticles using <i>inÂvivo</i> and flow-based <i>inÂvitro</i> models of atherosclerosis. Experimental Biology and Medicine, 2017, 242, 799-812.	1.1	79
5	Theranostic Nanoparticles for Tracking and Monitoring Disease State. SLAS Technology, 2018, 23, 281-293.	1.0	79
6	Peptide and antibody ligands for renal targeting: nanomedicine strategies for kidney disease. Biomaterials Science, 2017, 5, 1450-1459.	2.6	69
7	Improving kidney targeting: The influence of nanoparticle physicochemical properties on kidney interactions. Journal of Controlled Release, 2021, 334, 127-137.	4.8	63
8	Active targeting of early and mid-stage atherosclerotic plaques using self-assembled peptide amphiphile micelles. Biomaterials, 2014, 35, 8678-8686.	5.7	61
9	In vivo biodistribution and clearance of peptide amphiphile micelles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 479-487.	1.7	56
10	miR-145 micelles mitigate atherosclerosis by modulating vascular smooth muscle cell phenotype. Biomaterials, 2021, 273, 120810.	5.7	53
11	Design and in vivo characterization of kidney-targeting multimodal micelles for renal drug delivery. Nano Research, 2018, 11, 5584-5595.	5.8	52
12	Gadolinium-Functionalized Peptide Amphiphile Micelles for Multimodal Imaging of Atherosclerotic Lesions. ACS Omega, 2016, 1, 996-1003.	1.6	49
13	Oral delivery of metformin by chitosan nanoparticles for polycystic kidney disease. Journal of Controlled Release, 2021, 329, 1198-1209.	4.8	49
14	Biocompatibility and Characterization of a Peptide Amphiphile Hydrogel for Applications in Peripheral Nerve Regeneration. Tissue Engineering - Part A, 2015, 21, 1333-1342.	1.6	47
15	Hybrid, metal oxide-peptide amphiphile micelles for molecular magnetic resonance imaging of atherosclerosis. Journal of Nanobiotechnology, 2018, 16, 92.	4.2	47
16	Monocyteâ€Targeting Supramolecular Micellar Assemblies: A Molecular Diagnostic Tool for Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 367-376.	3.9	46
17	Bulk and nanoscale polypeptide based polyelectrolyte complexes. Advances in Colloid and Interface Science, 2017, 239, 187-198.	7.0	44
18	Targeting and therapeutic peptides in nanomedicine for atherosclerosis. Experimental Biology and Medicine, 2016, 241, 891-898.	1.1	43

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19	Peptide-based targeting of immunosuppressive cells in cancer. Bioactive Materials, 2020, 5, 92-101.	8.6	41
20	Recent Advances in Targeted, Selfâ€Assembling Nanoparticles to Address Vascular Damage Due to Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 2408-2422.	3.9	40
21	The role of hydroxyapatite in citric acid-based nanocomposites: Surface characteristics, degradation, and osteogenicity in vitro. Acta Biomaterialia, 2011, 7, 4057-4063.	4.1	39
22	The effect of size, charge, and peptide ligand length on kidney targeting by small, organic nanoparticles. Bioengineering and Translational Medicine, 2020, 5, e10173.	3.9	37
23	In situ forming collagenâ€"hyaluronic acid membrane structures: Mechanism of self-assembly and applications in regenerative medicine. Acta Biomaterialia, 2013, 9, 5153-5161.	4.1	35
24	Early tissue response to citric acidâ€"based microâ€•and nanocomposites. Journal of Biomedical Materials Research - Part A, 2011, 96A, 29-37.	2.1	33
25	A biodegradable tri-component graft for anterior cruciate ligament reconstruction. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 704-712.	1.3	29
26	Low-Pressure Foaming: A Novel Method for the Fabrication of Porous Scaffolds for Tissue Engineering. Tissue Engineering - Part C: Methods, 2012, 18, 113-121.	1.1	28
27	Nanomedicine for Cystic Fibrosis. SLAS Technology, 2019, 24, 169-180.	1.0	28
28	Protein Mimetic and Anticancer Properties of Monocyte-Targeting Peptide Amphiphile Micelles. ACS Biomaterials Science and Engineering, 2017, 3, 3273-3282.	2.6	24
29	siRNA-Conjugated Nanoparticles to Treat Ovarian Cancer. SLAS Technology, 2019, 24, 137-150.	1.0	24
30	Long-term in vivo response to citric acid-based nanocomposites for orthopaedic tissue engineering. Journal of Materials Science: Materials in Medicine, 2011, 22, 2131-2138.	1.7	23
31	Hydroxyapatite-binding micelles for the detection of vascular calcification in atherosclerosis. Journal of Materials Chemistry B, 2019, 7, 6449-6457.	2.9	23
32	Clinical progress of nanomedicine-based RNA therapies. Bioactive Materials, 2022, 12, 203-213.	8.6	23
33	Osteogenic Potential of BMP-2-Releasing Self-Assembled Membranes. Tissue Engineering - Part A, 2013, 19, 2664-2673.	1.6	22
34	Pancreatic Cancer Gene Therapy Delivered by Nanoparticles. SLAS Technology, 2019, 24, 151-160.	1.0	22
35	CCR2-targeted micelles for anti-cancer peptide delivery and immune stimulation. Journal of Controlled Release, 2021, 329, 614-623.	4.8	22
36	Overcoming physiological barriers by nanoparticles for intravenous drug delivery to the lymph nodes. Experimental Biology and Medicine, 2021, 246, 2358-2371.	1.1	20

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37	Targeted polyelectrolyte complex micelles treat vascular complications inÂvivo. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	20
38	Collagenaseâ€Cleavable Peptide Amphiphile Micelles as a Novel Theranostic Strategy in Atherosclerosis. Advanced Therapeutics, 2020, 3, 1900196.	1.6	18
39	Exosomes in Atherosclerosis, a Double-Edged Sword: Their Role in Disease Pathogenesis and Their Potential as Novel Therapeutics. AAPS Journal, 2021, 23, 95.	2.2	17
40	Transdermal Delivery of Kidney-Targeting Nanoparticles Using Dissolvable Microneedles. Cellular and Molecular Bioengineering, 2020, 13, 475-486.	1.0	15
41	Shape Effects of Peptide Amphiphile Micelles for Targeting Monocytes. Molecules, 2018, 23, 2786.	1.7	13
42	Immunization using ApoB-100 peptideâ€"linked nanoparticles reduces atherosclerosis. JCI Insight, 2022, 7, .	2.3	11
43	Synthesis of Monocyte-targeting Peptide Amphiphile Micelles for Imaging of Atherosclerosis. Journal of Visualized Experiments, 2017, , .	0.2	8
44	Targeting and therapeutic peptide-based strategies for polycystic kidney disease. Advanced Drug Delivery Reviews, 2020, 161-162, 176-189.	6.6	8
45	â€œFirst do no harmâ€: kidney drug targeting to avoid toxicity in ADPKD. American Journal of Physiology - Renal Physiology, 2018, 315, F535-F536.	1.3	6
46	Calcium-Binding Nanoparticles for Vascular Disease. Regenerative Engineering and Translational Medicine, 2019, 5, 74-85.	1.6	6
47	Therapeutic Response of miR-145 Micelles on Patient-Derived Vascular Smooth Muscle Cells. Frontiers in Digital Health, 0, 4, .	1.5	6
48	Strategies to deliver RNA by nanoparticles for therapeutic potential. Molecular Aspects of Medicine, 2022, 83, 100991.	2.7	5
49	Calcium-binding nanoparticles for vascular disease. Regenerative Engineering and Translational Medicine, 2019, 5, 74-85.	1.6	4
50	Nanoparticle Strategies for Biomedical Applications: Reviews from the University of Southern California Viterbi School of Engineering. SLAS Technology, 2019, 24, 135-136.	1.0	2
51	Engineering Citric Acid-Based Porous Scaffolds for Bone Regeneration. Methods in Molecular Biology, 2018, 1758, 1-10.	0.4	1
52	Hydrophobically assembled nanoparticles. , 2020, , 325-347.		1
53	Cardiovascular Disease: Monocyteâ€Targeting Supramolecular Micellar Assemblies: A Molecular Diagnostic Tool for Atherosclerosis (Adv. Healthcare Mater. 3/2015). Advanced Healthcare Materials, 2015, 4, 324-324.	3.9	0
54	Abstract 16526: Nanoparticle-mediated Targeting of Endothelial mir92a-PPAP2B Signaling Axis in Atherosclerosis. Circulation, 2015, 132, .	1.6	0