# Eun Ji Chung

List of Publications by Year
in descending order

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Strategies to deliver RNA by nanoparticles for therapeutic potential. Molecular Aspects of Medicine, 2022, 83, 100991. | 2.7 | 5 |
| 2 | Clinical progress of nanomedicine-based RNA therapies. Bioactive Materials, 2022, 12, 203-213. | 8.6 | 23 |
| 3 | Immunization using ApoB-100 peptideâ€“linked nanoparticles reduces atherosclerosis. JCI Insight, 2022, 7, . | 2.3 | 11 |
| 4 | CCR2-targeted micelles for anti-cancer peptide delivery and immune stimulation. Journal of Controlled Release, 2021, 329, 614-623. | 4.8 | 22 |
| 5 | Oral delivery of metformin by chitosan nanoparticles for polycystic kidney disease. Journal of Controlled Release, 2021, 329, 1198-1209. | 4.8 | 49 |
| 6 | Overcoming physiological barriers by nanoparticles for intravenous drug delivery to the lymph nodes. Experimental Biology and Medicine, 2021, 246, 2358-2371. | 1.1 | 20 |
| 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 | miR-145 micelles mitigate atherosclerosis by modulating vascular smooth muscle cell phenotype. Biomaterials, 2021, 273, 120810. | 5.7 | 53 |
| 9 | 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 |
| 10 | 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 |
| 11 | Hydrophobically assembled nanoparticles. , 2020, , 325-347. | | 1 |
| 12 | Targeting and therapeutic peptide-based strategies for polycystic kidney disease. Advanced Drug Delivery Reviews, 2020, 161-162, 176-189. | 6.6 | 8 |
| 13 | 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 |
| 14 | Transdermal Delivery of Kidney-Targeting Nanoparticles Using Dissolvable Microneedles. Cellular and Molecular Bioengineering, 2020, 13, 475-486. | 1.0 | 15 |
| 15 | Collagenaseâ€Cleavable Peptide Amphiphile Micelles as a Novel Theranostic Strategy in Atherosclerosis. Advanced Therapeutics, 2020, 3, 1900196. | 1.6 | 18 |
| 16 | Peptide-based targeting of immunosuppressive cells in cancer. Bioactive Materials, 2020, 5, 92-101. | 8.6 | 41 |
| 17 | Nanomedicine for Cystic Fibrosis. SLAS Technology, 2019, 24, 169-180. | 1.0 | 28 |
| 18 | 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 |

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|---|---|---|---|
| 19 | Hydroxyapatite-binding micelles for the detection of vascular calcification in atherosclerosis. Journal of Materials Chemistry B, 2019, 7, 6449-6457. | 2.9 | 23 |
| 20 | Pancreatic Cancer Gene Therapy Delivered by Nanoparticles. SLAS Technology, 2019, 24, 151-160. | 1.0 | 22 |
| 21 | siRNA-Conjugated Nanoparticles to Treat Ovarian Cancer. SLAS Technology, 2019, 24, 137-150. | 1.0 | 24 |
| 22 | Calcium-Binding Nanoparticles for Vascular Disease. Regenerative Engineering and Translational Medicine, 2019, 5, 74-85. | 1.6 | 6 |
| 23 | Calcium-binding nanoparticles for vascular disease. Regenerative Engineering and Translational Medicine, 2019, 5, 74-85. | 1.6 | 4 |
| 24 | Engineering Citric Acid-Based Porous Scaffolds for Bone Regeneration. Methods in Molecular Biology, 2018, 1758, 1-10. | 0.4 | 1 |
| 25 | Theranostic Nanoparticles for Tracking and Monitoring Disease State. SLAS Technology, 2018, 23, 281-293. | 1.0 | 79 |
| 26 | Hybrid, metal oxide-peptide amphiphile micelles for molecular magnetic resonance imaging of atherosclerosis. Journal of Nanobiotechnology, 2018, 16, 92. | 4.2 | 47 |
| 27 | Shape Effects of Peptide Amphiphile Micelles for Targeting Monocytes. Molecules, 2018, 23, 2786. | 1.7 | 13 |
| 28 | 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 |
| 29 | Design and in vivo characterization of kidney-targeting multimodal micelles for renal drug delivery. Nano Research, 2018, 11, 5584-5595. | 5.8 | 52 |
| 30 | A biodegradable tri-component graft for anterior cruciate ligament reconstruction. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 704-712. | 1.3 | 29 |
| 31 | 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 |
| 32 | Peptide and antibody ligands for renal targeting: nanomedicine strategies for kidney disease. Biomaterials Science, 2017, 5, 1450-1459. | 2.6 | 69 |
| 33 | Protein Mimetic and Anticancer Properties of Monocyte-Targeting Peptide Amphiphile Micelles. ACS Biomaterials Science and Engineering, 2017, 3, 3273-3282. | 2.6 | 24 |
| 34 | Self-assembling peptide-based building blocks in medical applications. Advanced Drug Delivery Reviews, 2017, 110-111, 65-79. | 6.6 | 169 |
| 35 | Bulk and nanoscale polypeptide based polyelectrolyte complexes. Advances in Colloid and Interface Science, 2017, 239, 187-198. | 7.0 | 44 |
| 36 | Synthesis of Monocyte-targeting Peptide Amphiphile Micelles for Imaging of Atherosclerosis. Journal of Visualized Experiments, 2017, , . | 0.2 | 8 |

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|---|---|---|---|
| 37 | Targeting and therapeutic peptides in nanomedicine for atherosclerosis. Experimental Biology and Medicine, 2016, 241, 891-898. | 1.1 | 43 |
| 38 | Gadolinium-Functionalized Peptide Amphiphile Micelles for Multimodal Imaging of Atherosclerotic Lesions. ACS Omega, 2016, 1, 996-1003. | 1.6 | 49 |
| 39 | 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 |
| 40 | Recent Advances in Targeted, Selfâ€Assembling Nanoparticles to Address Vascular Damage Due to Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 2408-2422. | 3.9 | 40 |
| 41 | Monocyteâ€Targeting Supramolecular Micellar Assemblies: A Molecular Diagnostic Tool for Atherosclerosis. Advanced Healthcare Materials, 2015, 4, 367-376. | 3.9 | 46 |
| 42 | In vivo biodistribution and clearance of peptide amphiphile micelles. Nanomedicine: Nanotechnology, Biology, and Medicine, 2015, 11, 479-487. | 1.7 | 56 |
| 43 | 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 |
| 44 | Abstract 16526: Nanoparticle-mediated Targeting of Endothelial mir92a-PPAP2B Signaling Axis in Atherosclerosis. Circulation, 2015, 132, . | 1.6 | 0 |
| 45 | Inhibition of atherosclerosis-promoting microRNAs via targeted polyelectrolyte complex micelles. Journal of Materials Chemistry B, 2014, 2, 8142-8153. | 2.9 | 89 |
| 46 | Active targeting of early and mid-stage atherosclerotic plaques using self-assembled peptide amphiphile micelles. Biomaterials, 2014, 35, 8678-8686. | 5.7 | 61 |
| 47 | Fibrin-binding, peptide amphiphile micelles for targeting glioblastoma. Biomaterials, 2014, 35, 1249-1256. | 5.7 | 144 |
| 48 | Osteogenic Potential of BMP-2-Releasing Self-Assembled Membranes. Tissue Engineering - Part A, 2013, 19, 2664-2673. | 1.6 | 22 |
| 49 | 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 |
| 50 | 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 |
| 51 | 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 |
| 52 | 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 |
| 53 | Early tissue response to citric acidâ€"based microâ€•and nanocomposites. Journal of Biomedical Materials Research - Part A, 2011, 96A, 29-37. | 2.1 | 33 |
| 54 | Therapeutic Response of miR-145 Micelles on Patient-Derived Vascular Smooth Muscle Cells. Frontiers in Digital Health, 0, 4, . | 1.5 | 6 |