# Ki Young Choi

List of Publications by Year
in descending order



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|---|---|---|---|
| 57 papers | 6,273 citations | 81434 41 h-index | 169272 56 g-index |
| 59 all docs | 59 docs citations | 59 times ranked | 10681 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Surface-Functionalized Polymeric siRNA Nanoparticles for Tunable Targeting and Intracellular Delivery to Hematologic Cancer Cells. Biomacromolecules, 2022, 23, 2255-2263. | 2.6 | 6 |
| 2 | Emerging nanoformulation strategies for phytocompounds and applications from drug delivery to phototherapy to imaging. Bioactive Materials, 2022, 14, 182-205. | 8.6 | 19 |
| 3 | Discovery and Photoisomerization of New Pyrrolosesquiterpenoids Glaciapyrroles D and E, from Deep-Sea Sediment Streptomyces sp.. Marine Drugs, 2022, 20, 281. | 2.2 | 5 |
| 4 | Schisandrin C improves leaky gut conditions in intestinal cell monolayer, organoid, and nematode models by increasing tight junction protein expression. Phytomedicine, 2022, 103, 154209. | 2.3 | 6 |
| 5 | 2D to 3D transformation of gold nanosheets on human adipose-derived Î±-elastin nanotemplates. Journal of Industrial and Engineering Chemistry, 2021, 95, 66-72. | 2.9 | 0 |
| 6 | Advances in Nanomaterial-Mediated Photothermal Cancer Therapies: Toward Clinical Applications. Biomedicines, 2021, 9, 305. | 1.4 | 181 |
| 7 | Human adipose stem cell-derived extracellular nanovesicles for treatment of chronic liver fibrosis. Journal of Controlled Release, 2020, 320, 328-336. | 4.8 | 34 |
| 8 | Dual-targeting RNA nanoparticles for efficient delivery of polymeric siRNA to cancer cells. Chemical Communications, 2020, 56, 6624-6627. | 2.2 | 17 |
| 9 | Control of a toxic cyanobacterial bloom species, Microcystis aeruginosa, using the peptide HPA3NT3-A2. Environmental Science and Pollution Research, 2019, 26, 32255-32265. | 2.7 | 7 |
| 10 | Binary Targeting of siRNA to Hematologic Cancer Cells In Vivo Using Layerâ€byâ€Layer Nanoparticles. Advanced Functional Materials, 2019, 29, 1900018. | 7.8 | 86 |
| 11 | Size-controlled synthesis of polymerized DNA nanoparticles for targeted anticancer drug delivery. Chemical Communications, 2019, 55, 4905-4908. | 2.2 | 21 |
| 12 | Hyaluronic Acidâ€“Based Activatable Nanomaterials for Stimuliâ€Responsive Imaging and Therapeutics: Beyond CD44â€Mediated Drug Delivery. Advanced Materials, 2019, 31, e1803549. | 11.1 | 188 |
| 13 | Intracellularly Activatable Nanovasodilators To Enhance Passive Cancer Targeting Regime. Nano Letters, 2018, 18, 2637-2644. | 4.5 | 71 |
| 14 | Dextran sulfate nanoparticles as a theranostic nanomedicine for rheumatoid arthritis. Biomaterials, 2017, 131, 15-26. | 5.7 | 128 |
| 15 | Nanostructures: Highly Scalable, Closed-Loop Synthesis of Drug-Loaded, Layer-by-Layer Nanoparticles (Adv. Funct. Mater. 7/2016). Advanced Functional Materials, 2016, 26, 990-990. | 7.8 | 0 |
| 16 | Long-Circulating Au-TiO<sub>2</sub> Nanocomposite as a Sonosensitizer for ROS-Mediated Eradication of Cancer. Nano Letters, 2016, 16, 6257-6264. | 4.5 | 328 |
| 17 | Gold-Nanoclustered Hyaluronan Nano-Assemblies for Photothermally Maneuvered Photodynamic Tumor Ablation. ACS Nano, 2016, 10, 10858-10868. | 7.3 | 96 |
| 18 | Highly Scalable, Closedâ€Loop Synthesis of Drugâ€Loaded, Layerâ€byâ€Layer Nanoparticles. Advanced Functional Materials, 2016, 26, 991-1003. | 7.8 | 67 |

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|---|---|---|---|
| 19 | Designer Dual Therapy Nanolayered Implant Coatings Eradicate Biofilms and Accelerate Bone Tissue Repair. ACS Nano, 2016, 10, 4441-4450. | 7.3 | 193 |
| 20 | Tumor-Targeted Synergistic Blockade of MAPK and PI3K from a Layer-by-Layer Nanoparticle. Clinical Cancer Research, 2015, 21, 4410-4419. | 3.2 | 55 |
| 21 | Bioreducible core-crosslinked hyaluronic acid micelle for targeted cancer therapy. Journal of Controlled Release, 2015, 200, 158-166. | 4.8 | 101 |
| 22 | Bioreducible Shell-Cross-Linked Hyaluronic Acid Nanoparticles for Tumor-Targeted Drug Delivery. Biomacromolecules, 2015, 16, 447-456. | 2.6 | 114 |
| 23 | Hyaluronic acid nanoparticles for active targeting atherosclerosis. Biomaterials, 2015, 53, 341-348. | 5.7 | 116 |
| 24 | Inhibition of Notch signalling ameliorates experimental inflammatory arthritis. Annals of the Rheumatic Diseases, 2015, 74, 267-274. | 0.5 | 73 |
| 25 | The genotype-dependent influence of functionalized multiwalled carbon nanotubes on fetal development. Biomaterials, 2014, 35, 856-865. | 5.7 | 67 |
| 26 | Design Considerations of Iron-Based Nanoclusters for Noninvasive Tracking of Mesenchymal Stem Cell Homing. ACS Nano, 2014, 8, 4403-4414. | 7.3 | 89 |
| 27 | Bioreducible Carboxymethyl Dextran Nanoparticles for Tumorâ€Targeted Drug Delivery. Advanced Healthcare Materials, 2014, 3, 1829-1838. | 3.9 | 91 |
| 28 | Versatile RNA Interference Nanoplatform for Systemic Delivery of RNAs. ACS Nano, 2014, 8, 4559-4570. | 7.3 | 93 |
| 29 | A nanoparticle formula for delivering siRNA or miRNAs to tumor cells in cell culture and in vivo. Nature Protocols, 2014, 9, 1900-1915. | 5.5 | 44 |
| 30 | Self-assembled dextran sulphate nanoparticles for targeting rheumatoid arthritis. Chemical Communications, 2013, 49, 10349-10351. | 2.2 | 57 |
| 31 | Photo-crosslinked hyaluronic acid nanoparticles with improved stability for inÂvivo tumor-targeted drug delivery. Biomaterials, 2013, 34, 5273-5280. | 5.7 | 95 |
| 32 | Effect of Injection Routes on the Biodistribution, Clearance, and Tumor Uptake of Carbon Dots. ACS Nano, 2013, 7, 5684-5693. | 7.3 | 332 |
| 33 | Mesenchymal stem cell-based cell engineering with multifunctional mesoporous silica nanoparticles for tumor delivery. Biomaterials, 2013, 34, 1772-1780. | 5.7 | 147 |
| 34 | Bibliometric Analysis of Theranostics: Two Years in the Making. Theranostics, 2013, 3, 527-531. | 4.6 | 4 |
| 35 | Theranostic nanoparticles based on PEGylated hyaluronic acid for the diagnosis, therapy and monitoring of colon cancer. Biomaterials, 2012, 33, 6186-6193. | 5.7 | 139 |
| 36 | Facilitated intracellular delivery of peptide-guided nanoparticles in tumor tissues. Journal of Controlled Release, 2012, 157, 493-499. | 4.8 | 41 |

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|---|---|---|---|
| 37 | Amphiphilic hyaluronic acid-based nanoparticles for tumor-specific optical/MR dual imaging. Journal of Materials Chemistry, 2012, 22, 10444. | 6.7 | 28 |
| 38 | Hyaluronic acid-based nanocarriers for intracellular targeting: Interfacial interactions with proteins in cancer. Colloids and Surfaces B: Biointerfaces, 2012, 99, 82-94. | 2.5 | 221 |
| 39 | Real-time monitoring of caspase cascade activation in living cells. Journal of Controlled Release, 2012, 163, 55-62. | 4.8 | 22 |
| 40 | Site-Specific PEGylated Exendin-4 Modified with a High Molecular Weight Trimeric PEG Reduces Steric Hindrance and Increases Type 2 Antidiabetic Therapeutic Effects. Bioconjugate Chemistry, 2012, 23, 2214-2220. | 1.8 | 42 |
| 41 | Protease-Activated Drug Development. Theranostics, 2012, 2, 156-179. | 4.6 | 203 |
| 42 | Theranostic nanoplatforms for simultaneous cancer imaging and therapy: current approaches and future perspectives. Nanoscale, 2012, 4, 330-342. | 2.8 | 393 |
| 43 | A Facile, One-Step Nanocarbon Functionalization for Biomedical Applications. Nano Letters, 2012, 12, 3613-3620. | 4.5 | 82 |
| 44 | Tumor-targeting hyaluronic acid nanoparticles for photodynamic imaging and therapy. Biomaterials, 2012, 33, 3980-3989. | 5.7 | 268 |
| 45 | RÃ¼cktitelbild: Sticky Nanoparticles: A Platform for siRNA Delivery by a Bis(zinc(II)) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 427 T Chemie, 2012, 124, 576-576. | 1.6 | 0 |
| 46 | Sticky Nanoparticles: A Platform for siRNA Delivery by a Bis(zinc(II) dipicolylamine)â€Functionalized, Selfâ€Assembled Nanoconjugate. Angewandte Chemie - International Edition, 2012, 51, 445-449. | 7.2 | 90 |
| 47 | Multiplex Imaging of an Intracellular Proteolytic Cascade by using a Broadâ€Spectrum Nanoquencher. Angewandte Chemie - International Edition, 2012, 51, 1625-1630. | 7.2 | 60 |
| 48 | Back Cover: Sticky Nanoparticles: A Platform for siRNA Delivery by a Bis(zinc(II)) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (dipicolyla Angewandte Chemie - International Edition, 2012, 51, 558-558. | 7.2 | 1 |
| 49 | Manipulating the Power of an Additional Phase: A Flower-like Auâ^'Fe<sub>3</sub>O<sub>4</sub> Optical Nanosensor for Imaging Protease Expressions In vivo. ACS Nano, 2011, 5, 3043-3051. | 7.3 | 98 |
| 50 | Real Time, High Resolution Video Imaging of Apoptosis in Single Cells with a Polymeric Nanoprobe. Bioconjugate Chemistry, 2011, 22, 125-131. | 1.8 | 51 |
| 51 | Smart Nanocarrier Based on PEGylated Hyaluronic Acid for Cancer Therapy. ACS Nano, 2011, 5, 8591-8599. | 7.3 | 360 |
| 52 | PEGylation of hyaluronic acid nanoparticles improves tumor targetability in vivo. Biomaterials, 2011, 32, 1880-1889. | 5.7 | 298 |
| 53 | Ionic complex systems based on hyaluronic acid and PEGylated TNF-related apoptosis-inducing ligand for treatment of rheumatoid arthritis. Biomaterials, 2010, 31, 9057-9064. | 5.7 | 55 |
| 54 | Hydrotropic hyaluronic acid conjugates: Synthesis, characterization, and implications as a carrier of paclitaxel. International Journal of Pharmaceutics, 2010, 394, 154-161. | 2.6 | 88 |

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|---|---|---|---|
| 55 | Self-assembled hyaluronic acid nanoparticles for active tumor targeting. Biomaterials, 2010, 31, 106-114. | 5.7 | 500 |
| 56 | Self-assembled hyaluronic acid nanoparticles as a potential drug carrier for cancer therapy: synthesis, characterization, and in vivo biodistribution. Journal of Materials Chemistry, 2009, 19, 4102. | 6.7 | 240 |
| 57 | Preparation and characterization of hyaluronic acid-based hydrogel nanoparticles. Journal of Physics and Chemistry of Solids, 2008, 69, 1591-1595. | 1.9 | 35 |