

# Jinhwan Kim

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

2,279  
citations

331259

21  
h-index

552369

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27  
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27  
docs citations

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times ranked

4191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photothermally Triggered Cytosolic Drug Delivery <i>via</i> Endosome Disruption Using a Functionalized Reduced Graphene Oxide. <i>ACS Nano</i> , 2013, 7, 6735-6746.	7.3	397
2	Microengineered human blood-brain barrier platform for understanding nanoparticle transport mechanisms. <i>Nature Communications</i> , 2020, 11, 175.	5.8	236
3	Synergistic nanomedicine by combined gene and photothermal therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 98, 99-112.	6.6	221
4	Single-Layered MoS <sub>2</sub> -PEI-PEG Nanocomposite-Mediated Gene Delivery Controlled by Photo and Redox Stimuli. <i>Small</i> , 2016, 12, 1184-1192.	5.2	174
5	Transfection and intracellular trafficking properties of carbon dot-gold nanoparticle molecular assembly conjugated with PEI-pDNA. <i>Biomaterials</i> , 2013, 34, 7168-7180.	5.7	151
6	Phenylboronic acid-sugar grafted polymer architecture as a dual stimuli-responsive gene carrier for targeted anti-angiogenic tumor therapy. <i>Biomaterials</i> , 2016, 75, 102-111.	5.7	119
7	Light-Induced Acid Generation on a Gatekeeper for Smart Nitric Oxide Delivery. <i>ACS Nano</i> , 2016, 10, 4199-4208.	7.3	105
8	Tumor-Homing, Size-Tunable Clustered Nanoparticles for Anticancer Therapeutics. <i>ACS Nano</i> , 2014, 8, 9358-9367.	7.3	90
9	DNA-Au Nanomachine Equipped with i-Motif and G-Quadruplex for Triple Combinatorial Anti-Tumor Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1705416.	7.8	87
10	Poly-paclitaxel/cyclodextrin-SPION nano-assembly for magnetically guided drug delivery system. <i>Journal of Controlled Release</i> , 2016, 231, 68-76.	4.8	83
11	Programmed Nanoparticle-Loaded Nanoparticles for Deep-Penetrating 3D Cancer Therapy. <i>Advanced Materials</i> , 2018, 30, e1707557.	11.1	82
12	Photothermally Controllable Cytosolic Drug Delivery Based On Core-Shell MoS <sub>2</sub> -Porous Silica Nanoplates. <i>Chemistry of Materials</i> , 2016, 28, 6417-6424.	3.2	74
13	i-Motif-Driven Au Nanomachines in Programmed siRNA Delivery for Gene-Silencing and Photothermal Ablation. <i>ACS Nano</i> , 2014, 8, 5574-5584.	7.3	72
14	Nanotherapeutics engineered to cross the blood-brain barrier for advanced drug delivery to the central nervous system. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 73, 8-18.	2.9	49
15	Stimuli-Regulated Enzymatically Degradable Smart Graphene-Oxide-Polymer Nanocarrier Facilitating Photothermal Gene Delivery. <i>Advanced Healthcare Materials</i> , 2016, 5, 1918-1930.	3.9	48
16	Functional-DNA-Driven Dynamic Nanoconstructs for Biomolecule Capture and Drug Delivery. <i>Advanced Materials</i> , 2018, 30, e1707351.	11.1	47
17	Single-cell analysis reveals effective siRNA delivery in brain tumors with microbubble-enhanced ultrasound and cationic nanoparticles. <i>Science Advances</i> , 2021, 7, .	4.7	47
18	Engineered biomimetic nanoparticle for dual targeting of the cancer stem-like cell population in sonic hedgehog medulloblastoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 24205-24212.	3.3	32

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19	Self-assembled nanocomplex between polymerized phenylboronic acid and doxorubicin for efficient tumor-targeted chemotherapy. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 848-858.	2.8	30
20	Andrographolide-loaded polymerized phenylboronic acid nanoconstruct for stimuli-responsive chemotherapy. <i>Journal of Controlled Release</i> , 2017, 259, 203-211.	4.8	29
21	Doxorubicin/Ce6-Loaded Nanoparticle Coated with Polymer via Singlet Oxygen-Sensitive Linker for Photodynamically Assisted Chemotherapy. <i>Nanotheranostics</i> , 2017, 1, 196-207.	2.7	28
22	Polymersomes with singlet oxygen-labile poly( $\beta$ -aminoacrylate) membrane for NIR light-controlled combined chemo-phototherapy. <i>Journal of Controlled Release</i> , 2020, 327, 627-640.	4.8	23
23	Gold nanoparticles conjugated with DNA aptamer for photoacoustic detection of human matrix metalloproteinase-9. <i>Photoacoustics</i> , 2022, 25, 100307.	4.4	21
24	In vivo self-degradable graphene nanomedicine operated by DNAzyme and photo-switch for controlled anticancer therapy. <i>Biomaterials</i> , 2020, 263, 120402.	5.7	17
25	Cancer Therapy: Programmed Nanoparticle-Loaded Nanoparticles for Deep-Penetrating 3D Cancer Therapy ( <i>Adv. Mater.</i> 29/2018). <i>Advanced Materials</i> , 2018, 30, 1870213.	11.1	15
26	Gene Delivery: Single-Layered MoS <sub>2</sub> -PEI-PEG Nanocomposite-Mediated Gene Delivery Controlled by Photo and Redox Stimuli ( <i>Small</i> 9/2016). <i>Small</i> , 2016, 12, 1183-1183.	5.2	2
27	Photothermal Gene Delivery: Stimuli-Regulated Enzymatically Degradable Smart Graphene-Oxide-Polymer Nanocarrier Facilitating Photothermal Gene Delivery ( <i>Adv. Healthcare Mater.</i> 15/2016). <i>Advanced Healthcare Materials</i> , 2016, 5, 1917-1917.	3.9	0