

Jinhwan Kim

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

2,279
citations

331259

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552369

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docs citations

27
times ranked

4191
citing authors

#	ARTICLE	IF	CITATIONS
1	Gold nanoparticles conjugated with DNA aptamer for photoacoustic detection of human matrix metalloproteinase-9. <i>Photoacoustics</i> , 2022, 25, 100307.	4.4	21
2	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
3	Microengineered human blood-brain barrier platform for understanding nanoparticle transport mechanisms. <i>Nature Communications</i> , 2020, 11, 175.	5.8	236
4	Polymersomes with singlet oxygen-labile poly(β -aminoacrylate) membrane for NIR light-controlled combined chemo-phototherapy. <i>Journal of Controlled Release</i> , 2020, 327, 627-640.	4.8	23
5	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
6	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
7	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
8	DNA-Au Nanomachine Equipped with α -Motif and G-Quadruplex for Triple Combinatorial Anti-Tumor Therapy. <i>Advanced Functional Materials</i> , 2018, 28, 1705416.	7.8	87
9	Programmed Nanoparticle-Loaded Nanoparticles for Deep-Penetrating 3D Cancer Therapy. <i>Advanced Materials</i> , 2018, 30, e1707557.	11.1	82
10	Functional-DNA-Driven Dynamic Nanoconstructs for Biomolecule Capture and Drug Delivery. <i>Advanced Materials</i> , 2018, 30, e1707351.	11.1	47
11	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
12	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
13	Andrographolide-loaded polymerized phenylboronic acid nanoconstruct for stimuli-responsive chemotherapy. <i>Journal of Controlled Release</i> , 2017, 259, 203-211.	4.8	29
14	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
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	Single-Layered MoS ₂ -PEI-PEG Nanocomposite-Mediated Gene Delivery Controlled by Photo and Redox Stimuli. <i>Small</i> , 2016, 12, 1184-1192.	5.2	174
17	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
18	Photothermally Controllable Cytosolic Drug Delivery Based On Core-Shell MoS ₂ -Porous Silica Nanoplates. <i>Chemistry of Materials</i> , 2016, 28, 6417-6424.	3.2	74

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19	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
20	Gene Delivery: Single-Layered MoS ₂ –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
21	Light-Induced Acid Generation on a Gatekeeper for Smart Nitric Oxide Delivery. <i>ACS Nano</i> , 2016, 10, 4199-4208.	7.3	105
22	Synergistic nanomedicine by combined gene and photothermal therapy. <i>Advanced Drug Delivery Reviews</i> , 2016, 98, 99-112.	6.6	221
23	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
24	Tumor-Homing, Size-Tunable Clustered Nanoparticles for Anticancer Therapeutics. <i>ACS Nano</i> , 2014, 8, 9358-9367.	7.3	90
25	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
26	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
27	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