Jutaek Nam

List of Publications by Year in Descending Order

39 papers	3,331 citations	23 h-index	39 g-index
39 ext. papers	3,985 ext. citations	11.9 avg, IF	5.46 L-index

#	Paper	IF	Citations
39	Generation of systemic antitumour immunity via the in situ modulation of the gut microbiome by an orally administered inulin gel. *Nature Biomedical Engineering*, **2021**, 5, 1377-1388	19	19
38	Lipid-based vaccine nanoparticles for induction of humoral immune responses against HIV-1 and SARS-CoV-2. *Journal of Controlled Release*, **2021**, 330, 529-539	11.7	16
37	Personalized combination nano-immunotherapy for robust induction and tumor infiltration of CD8 T cells. *Biomaterials*, **2021**, 274, 120844	15.6	3
36	Photothermal therapy combined with neoantigen cancer vaccination for effective immunotherapy against large established tumors and distant metastasis. *Advanced Therapeutics*, **2021**, 4, 2100093	4.9	3
35	Vaccine nanodiscs plus polyICLC elicit robust CD8+ T cell responses in mice and non-human primates. *Journal of Controlled Release*, **2021**, 337, 168-178	11.7	5
34	Amplifying STING activation by cyclic dinucleotide-manganese particles for local and systemic cancer metalloimmunotherapy. *Nature Nanotechnology*, **2021**, 16, 1260-1270	28.7	37
33	Modularly Programmable Nanoparticle Vaccine Based on Polyethyleneimine for Personalized Cancer Immunotherapy. *Advanced Science*, **2021**, 8, 2002577	13.6	16
32	Sugar-Nanocapsules Imprinted with Microbial Molecular Patterns for mRNA Vaccination. *Nano Letters*, **2020**, 20, 1499-1509	11.5	34
31	Cancer Immunotherapy via Targeting Cancer Stem Cells Using Vaccine Nanodiscs. *Nano Letters*, **2020**, 20, 7783-7792	11.5	24
30	Positron Emission Tomography-Guided Photodynamic Therapy with Biodegradable Mesoporous Silica Nanoparticles for Personalized Cancer Immunotherapy. *ACS Nano*, **2019**, 13, 12148-12161	16.7	81
29	Cancer nanomedicine for combination cancer immunotherapy. *Nature Reviews Materials*, **2019**, 4, 398-414	73.3	372
28	Elimination of established tumors with nanodisc-based combination chemoimmunotherapy. *Science Advances*, **2018**, 4, eaao1736	14.3	196
27	Chemo-photothermal therapy combination elicits anti-tumor immunity against advanced metastatic cancer. *Nature Communications*, **2018**, 9, 1074	17.4	443
26	Immunomodulating Nanomedicine for Cancer Therapy. *Nano Letters*, **2018**, 18, 6655-6659	11.5	82
25	Adjuvant-Loaded Spiky Gold Nanoparticles for Activation of Innate Immune Cells. *Cellular and Molecular Bioengineering*, **2017**, 10, 341-355	3.9	13
24	DNA templated synthesis of branched gold nanostructures with highly efficient near-infrared photothermal therapeutic effects. *RSC Advances*, **2016**, 6, 51658-51661	3.7	6
23	Inorganic Nanoparticle-Based Smart Drug Delivery Systems **2016**, 415-448		2

22	Light-responsible DNA hydrogel-gold nanoparticle assembly for synergistic cancer therapy. *Journal of Materials Chemistry B*, **2015**, 3, 1537-1543	7.3	51
21	DNA hydrogel delivery vehicle for light-triggered and synergistic cancer therapy. *Nanoscale*, **2015**, 7, 9433-7	7.7	68
20	Gold nanoparticle-mediated photothermal therapy: current status and future perspective. *Nanomedicine*, **2014**, 9, 2003-22	5.6	192
19	A sub 6 nanometer plasmonic gold nanoparticle for pH-responsive near-infrared photothermal cancer therapy. *New Journal of Chemistry*, **2014**, 38, 918-922	3.6	18
18	i-motif-driven Au nanomachines in programmed siRNA delivery for gene-silencing and photothermal ablation. *ACS Nano*, **2014**, 8, 5574-84	16.7	65
17	Theragnostic pH-sensitive gold nanoparticles for the selective surface enhanced Raman scattering and photothermal cancer therapy. *Analytical Chemistry*, **2013**, 85, 7674-81	7.8	81
16	pH-responsive gold nanoparticles-in-liposome hybrid nanostructures for enhanced systemic tumor delivery. *Nanoscale*, **2013**, 5, 10175-8	7.7	27
15	Surface engineering of inorganic nanoparticles for imaging and therapy. *Advanced Drug Delivery Reviews*, **2013**, 65, 622-48	18.5	262
14	pH-responsive assembly of gold nanoparticles and "spatiotemporally concerted" drug release for synergistic cancer therapy. *ACS Nano*, **2013**, 7, 3388-402	16.7	148
13	Novel synthesis of porous silver nanostructures using a starch template and their applications toward plasmonic sensors. *ChemPhysChem*, **2013**, 14, 2663-6	3.2	3
12	Combined two-photon microscopy and angiographic optical coherence tomography. *Journal of Biomedical Optics*, **2013**, 18, 80502	3.5	4
11	Detection of pH-induced aggregation of "smart" gold nanoparticles with photothermal optical coherence tomography. *Optics Letters*, **2013**, 38, 4429-32	3	15
10	Unique photothermal response and sustained photothermal effect of pH-responsive gold-nanoparticle aggregates. *ChemPhysChem*, **2012**, 13, 4105-9	3.2	7
9	Compact and Stable Quantum Dots with Positive, Negative, or Zwitterionic Surface: Specific Cell Interactions and Non-Specific Adsorptions by the Surface Charges. *Advanced Functional Materials*, **2011**, 21, 1558-1566	15.6	134
8	BIOMEDICAL MATERIALS: Compact and Stable Quantum Dots with Positive, Negative, or Zwitterionic Surface: Specific Cell Interactions and Non-Specific Adsorptions by the Surface Charges (Adv. Funct. Mater. 9/2011). *Advanced Functional Materials*, **2011**, 21, 1557-1557	15.6	
7	Strong polyelectrolyte quantum dot surface for stable bioconjugation and layer-by-layer assembly applications. *Chemical Communications*, **2011**, 47, 1758-60	5.8	29
6	One-Step Preparation of Strongly Luminescent and Highly Loaded CdSe Quantum Dot–Silica Films. *Journal of Physical Chemistry C*, **2010**, 114, 14362-14367	3.8	22
5	ZnTe/ZnSe (Core/Shell) Type-II Quantum Dots: Their Optical and Photovoltaic Properties. *Chemistry of Materials*, **2010**, 22, 233-240	9.6	152

4	One-pot fabrication of high-quality InP/ZnS (core/shell) quantum dots and their application to cellular imaging. *ChemPhysChem*, **2009**, 10, 1466-70	3.2	71
3	pH-Induced aggregation of gold nanoparticles for photothermal cancer therapy. *Journal of the American Chemical Society*, **2009**, 131, 13639-45	16.4	451
2	Spectral Switching of Type-II Quantum Dots by Charging. *Journal of Physical Chemistry C*, **2009**, 113, 6320-6323	3.6	33
1	Hyaluronic acid-quantum dot conjugates for in vivo lymphatic vessel imaging. *ACS Nano*, **2009**, 3, 1389-98	16.7	146