Ji-Ho Park

List of Publications by Citations

80 papers	7,236 citations	31 h-index	85 g-index
87 ext. papers	8,221 ext. citations	9.2 avg, IF	6.19 L-index

#	Paper	IF	Citations
80	Biodegradable luminescent porous silicon nanoparticles for in vivo applications. *Nature Materials*, **2009**, 8, 331-6	27	1527
79	Computationally guided photothermal tumor therapy using long-circulating gold nanorod antennas. *Cancer Research*, **2009**, 69, 3892-900	10.1	881
78	Magnetic Iron Oxide Nanoworms for Tumor Targeting and Imaging. *Advanced Materials*, **2008**, 20, 1630-1635	24	471
77	Nanoparticles that communicate in vivo to amplify tumour targeting. *Nature Materials*, **2011**, 10, 545-52	27	435
76	Endocytosis and exocytosis of nanoparticles in mammalian cells. *International Journal of Nanomedicine*, **2014**, 9 Suppl 1, 51-63	7.3	403
75	Hybrid nanoparticles for detection and treatment of cancer. *Advanced Materials*, **2012**, 24, 3779-802	24	356
74	Exosome engineering for efficient intracellular delivery of soluble proteins using optically reversible protein-protein interaction module. *Nature Communications*, **2016**, 7, 12277	17.4	287
73	Micellar hybrid nanoparticles for simultaneous magnetofluorescent imaging and drug delivery. *Angewandte Chemie - International Edition*, **2008**, 47, 7284-8	16.4	280
72	Cooperative nanomaterial system to sensitize, target, and treat tumors. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 981-6	11.5	256
71	Cooperative nanoparticles for tumor detection and photothermally triggered drug delivery. *Advanced Materials*, **2010**, 22, 880-5	24	208
70	Liposomal Indocyanine Green for Enhanced Photothermal Therapy. *ACS Applied Materials & Interfaces*, **2017**, 9, 5683-5691	9.5	134
69	Exosome Classification by Pattern Analysis of Surface-Enhanced Raman Spectroscopy Data for Lung Cancer Diagnosis. *Analytical Chemistry*, **2017**, 89, 6695-6701	7.8	131
68	Liposome-based engineering of cells to package hydrophobic compounds in membrane vesicles for tumor penetration. *Nano Letters*, **2015**, 15, 2938-44	11.5	115
67	Surface chemistry of gold nanoparticles mediates their exocytosis in macrophages. *ACS Nano*, **2014**, 8, 6232-41	16.7	111
66	Photothermal inhibition of neural activity with near-infrared-sensitive nanotransducers. *ACS Nano*, **2014**, 8, 8040-9	16.7	107
65	Rekindling RNAi Therapy: Materials Design Requirements for In Vivo siRNA Delivery. *Advanced Materials*, **2019**, 31, e1903637	24	104
64	Immunogene therapy with fusogenic nanoparticles modulates macrophage response to Staphylococcus aureus. *Nature Communications*, **2018**, 9, 1969	17.4	77

63	Selective photosensitizer delivery into plasma membrane for effective photodynamic therapy. *Journal of Controlled Release*, **2014**, 191, 98-104	11.7	67
62	Enhanced Performance of a Molecular Photoacoustic Imaging Agent by Encapsulation in Mesoporous Silicon Nanoparticles. *Advanced Materials*, **2018**, 30, e1800512	24	67
61	Cellular Engineering with Membrane Fusogenic Liposomes to Produce Functionalized Extracellular Vesicles. *ACS Applied Materials & Interfaces*, **2016**, 8, 6790-5	9.5	58
60	Local heating of discrete droplets using magnetic porous silicon-based photonic crystals. *Journal of the American Chemical Society*, **2006**, 128, 7938-46	16.4	53
59	Electro-optical Neural Platform Integrated with Nanoplasmonic Inhibition Interface. *ACS Nano*, **2016**, 10, 4274-81	16.7	52
58	Micellar Hybrid Nanoparticles for Simultaneous Magnetofluorescent Imaging and Drug Delivery. *Angewandte Chemie*, **2008**, 120, 7394-7398	3.6	52
57	Nanoparticle platforms for combined photothermal and photodynamic therapy. *Biomedical Engineering Letters*, **2013**, 3, 67-73	3.6	46
56	Zein-alginate based oral drug delivery systems: Protection and release of therapeutic proteins. *International Journal of Pharmaceutics*, **2016**, 515, 300-306	6.5	40
55	Liposomal delivery systems for intestinal lymphatic drug transport. *Biomaterials Research*, **2016**, 20, 36	16.8	39
54	Establishment of a controlled insulin delivery system using a glucose-responsive double-layered nanogel. *RSC Advances*, **2015**, 5, 14482-14491	3.7	36
53	Intraoperative pulmonary neoplasm identification using near-infrared fluorescence imaging. *European Journal of Cardio-thoracic Surgery*, **2016**, 49, 1497-502	3	35
52	Angle-resolved light scattering of individual rod-shaped bacteria based on Fourier transform light scattering. *Scientific Reports*, **2014**, 4, 5090	4.9	34
51	Single-Cell Photothermal Neuromodulation for Functional Mapping of Neural Networks. *ACS Nano*, **2019**, 13, 544-551	16.7	33
50	Immunoglobulin Fc-fused, neuropilin-1-specific peptide shows efficient tumor tissue penetration and inhibits tumor growth via anti-angiogenesis. *Journal of Controlled Release*, **2015**, 216, 56-68	11.7	31
49	Highly sensitive and selective anticancer effect by conjugated HA-cisplatin in non-small cell lung cancer overexpressed with CD44. *Experimental Lung Research*, **2014**, 40, 475-84	2.3	31
48	Affinity-Driven Design of Cargo-Switching Nanoparticles to Leverage a Cholesterol-Rich Microenvironment for Atherosclerosis Therapy. *ACS Nano*, **2020**, 14, 6519-6531	16.7	30
47	Cooperative tumour cell membrane targeted phototherapy. *Nature Communications*, **2017**, 8, 15880	17.4	29
46	Surgical suture releasing macrophage-targeted drug-loaded nanoparticles for an enhanced anti-inflammatory effect. *Biomaterials Science*, **2017**, 5, 1670-1677	7.4	29

45	One-Wave Optical Phase Conjugation Mirror by Actively Coupling Arbitrary Light Fields into a Single-Mode Reflector. *Physical Review Letters*, **2015**, 115, 153902	7.4	24
44	Effective Retinal Penetration of Lipophilic and Lipid-Conjugated Hydrophilic Agents Delivered by Engineered Liposomes. *Molecular Pharmaceutics*, **2017**, 14, 423-430	5.6	23
43	Label-free high-resolution 3-D imaging of gold nanoparticles inside live cells using optical diffraction tomography. *Methods*, **2018**, 136, 160-167	4.6	23
42	Gold Nanorod-based Photo-PCR System for One-Step, Rapid Detection of Bacteria. *Nanotheranostics*, **2017**, 1, 178-185	5.6	22
41	Photothermally Amplified Therapeutic Liposomes for Effective Combination Treatment of Cancer. *ACS Applied Materials & Interfaces*, **2018**, 10, 6118-6123	9.5	21
40	Intratumoral depletion of regulatory T cells using CD25-targeted photodynamic therapy in a mouse melanoma model induces antitumoral immune responses. *Oncotarget*, **2017**, 8, 47440-47453	3.3	21
39	Cyclodextrin polymer improves atherosclerosis therapy and reduces ototoxicity. *Journal of Controlled Release*, **2020**, 319, 77-86	11.7	21
38	Macrophage-Mediated Exocytosis of Elongated Nanoparticles Improves Hepatic Excretion and Cancer Phototherapy. *ACS Applied Materials & Interfaces*, **2018**, 10, 28450-28457	9.5	19
37	Magnetophoretic Sorting of Single Cell-Containing Microdroplets. *Micromachines*, **2016**, 7,	3.3	19
36	Phage display-identified PD-L1-binding peptides reinvigorate T-cell activity and inhibit tumor progression. *Biomaterials*, **2020**, 247, 119984	15.6	17
35	Cytotoxic Effects of Plant Sap-Derived Extracellular Vesicles on Various Tumor Cell Types. *Journal of Functional Biomaterials*, **2020**, 11,	4.8	17
34	Cell-free production and streamlined assay of cytosol-penetrating antibodies. *Biotechnology and Bioengineering*, **2016**, 113, 2107-12	4.9	14
33	Plasmonic liposomes for synergistic photodynamic and photothermal therapy. *Journal of Materials Chemistry B*, **2014**, 2, 2592-2597	7.3	14
32	The Potential of Exosomes Derived from Chronic Myelogenous Leukaemia Cells as a Biomarker. *Anticancer Research*, **2018**, 38, 3935-3942	2.3	14
31	Evaluation of cell penetrating peptide coated Mn:ZnS nanoparticles for paclitaxel delivery to cancer cells. *Scientific Reports*, **2018**, 8, 1899	4.9	13
30	Nanomedicine for the Treatment of Rheumatoid Arthritis. *Molecular Pharmaceutics*, **2021**, 18, 539-549	5.6	13
29	In-vitro cytotoxicity assessment of carbon-nanodot-conjugated Fe-aminoclay (CD-FeAC) and its bio-imaging applications. *Journal of Nanobiotechnology*, **2015**, 13, 88	9.4	12
28	Evaluation of Intraoperative Near-Infrared Fluorescence Visualization of the Lung Tumor Margin With Indocyanine Green Inhalation. *JAMA Surgery*, **2020**, 155, 732-740	5.4	9

27	Biodistribution and Pharmacokinectics of Liposomes and Exosomes in a Mouse Model of Sepsis. *Pharmaceutics*, **2021**, 13,	6.4	9
26	Macrophage-Targeted Indocyanine Green-Neomannosyl Human Serum Albumin for Intraoperative Sentinel Lymph Node Mapping in Porcine Esophagus. *Annals of Thoracic Surgery*, **2016**, 102, 1149-55	2.7	8
25	Single-Molecule Co-Immunoprecipitation Reveals Functional Inheritance of EGFRs in Extracellular Vesicles. *Small*, **2018**, 14, e1802358	11	8
24	Cyclic tangential flow filtration system for isolation of extracellular vesicles. *APL Bioengineering*, **2021**, 5, 016103	6.6	7
23	Self-targeted knockdown of CD44 improves cisplatin sensitivity of chemoresistant non-small cell lung cancer cells. *Cancer Chemotherapy and Pharmacology*, **2019**, 83, 399-410	3.5	7
22	Enteric Polymer-Coated Porous Silicon Nanoparticles for Site-Specific Oral Delivery of IgA Antibody. *ACS Biomaterials Science and Engineering*, **2020**,	5.5	6
21	Ultrasound-mediated drug delivery by gas bubbles generated from a chemical reaction. *Journal of Drug Targeting*, **2018**, 26, 172-181	5.4	5
20	Efficient Capture and Raman Analysis of Circulating Tumor Cells by Nano-Undulated AgNPs-rGO Composite SERS Substrates. *Sensors*, **2020**, 20,	3.8	5
19	A Proteomic Approach to Understand the Clinical Significance of Acute Myeloid Leukemia-Derived Extracellular Vesicles Reflecting Essential Characteristics of Leukemia. *Molecular and Cellular Proteomics*, **2020**, 20, 100017	7.6	5
18	Convection-enhanced delivery of liposomal drugs for effective treatment of glioblastoma multiforme. *Drug Delivery and Translational Research*, **2020**, 10, 1876-1887	6.2	4
17	Antitumor Efficacy of Focused Ultrasound-MFL Nanoparticles Combination Therapy in Mouse Breast Cancer Xenografts. *Materials*, **2020**, 13,	3.5	4
16	Anti-Metastatic Effects of Plant Sap-Derived Extracellular Vesicles in a 3D Microfluidic Cancer Metastasis Model. *Journal of Functional Biomaterials*, **2020**, 11,	4.8	4
15	Extracellular vesicle (EV)-polyphenol nanoaggregates for microRNA-based cancer diagnosis. *NPG Asia Materials*, **2019**, 11,	10.3	4
14	Bio-inspired nanotadpoles with component-specific functionality. *Journal of Materials Chemistry B*, **2014**, 2, 6462-6466	7.3	3
13	GCC2 as a New Early Diagnostic Biomarker for Non-Small Cell Lung Cancer. *Cancers*, **2021**, 13,	6.6	3
12	Gold nanorods with an ultrathin anti-biofouling siloxane layer for combinatorial anticancer therapy. *Journal of Drug Targeting*, **2020**, 28, 780-788	5.4	2
11	Liposomal borrelidin for treatment of metastatic breast cancer. *Drug Delivery and Translational Research*, **2018**, 8, 1380-1388	6.2	2
10	Lung cancer exosome specific protein 1(LESP-1) as a potential factor for diagnosis and treatment of non-small cell lung cancer.. *Journal of Clinical Oncology*, **2020**, 38, e15550-e15550	2.2	1

9	Polypeptide-Based K Ionophore as a Strong Immunogenic Cell Death Inducer for Cancer Immunotherapy.. *ACS Applied Bio Materials*, **2021**, 4, 8333-8342	4.1	1
8	Engineered immune cells with nanomaterials to improve adoptive cell therapy. *Biomedical Engineering Letters*, **2021**, 11, 183-195	3.6	1
7	Management of lymph node metastasis via local chemotherapy can prevent distant metastasis and improve survival in mice. *Journal of Controlled Release*, **2021**, 329, 847-857	11.7	1
6	Dual size-exclusion chromatography for efficient isolation of extracellular vesicles from bone marrow derived human plasma. *Scientific Reports*, **2021**, 11, 217	4.9	1
5	Effective Delivery of Exogenous Compounds to the Optic Nerve by Intravitreal Injection of Liposome. *Korean Journal of Ophthalmology: KJO*, **2018**, 32, 417-423	1.2	1
4	How Did Conventional Nanoparticle-Mediated Photothermal Therapy Become "Hot" in Combination with Cancer Immunotherapy?. *Cancers*, **2022**, 14,	6.6	1
3	Photothermal Transfection for Effective Nonviral Genome Editing.. *ACS Applied Bio Materials*, **2021**, 4, 5678-5685	4.1	0
2	Drug delivery: Magnetic Luminescent Porous Silicon Microparticles for Localized Delivery of Molecular Drug Payloads (Small 22/2010). *Small*, **2010**, 6, 2545-2545	11	
1	Porous Materials for Immune Modulation. *Open Material Sciences*, **2018**, 4, 1-14	0.4	