

Seung-Young Lee

List of Publications by Year in descending order

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31
papers

3,944
citations

236612

25
h-index

414034

32
g-index

33
all docs

33
docs citations

33
times ranked

7168
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesteryl Ester Accumulation Induced by PTEN Loss and PI3K/AKT Activation Underlies Human Prostate Cancer Aggressiveness. <i>Cell Metabolism</i> , 2014, 19, 393-406.	7.2	671
2	Cellular uptake mechanism and intracellular fate of hydrophobically modified glycol chitosan nanoparticles. <i>Journal of Controlled Release</i> , 2009, 135, 259-267.	4.8	509
3	A Near-Infrared-Fluorescence-Quenched Gold-Nanoparticle Imaging Probe for In Vivo Drug Screening and Protease Activity Determination. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2804-2807.	7.2	310
4	Enhanced bone regeneration with BMP-2 loaded functional nanoparticle-hydrogel complex. <i>Journal of Controlled Release</i> , 2007, 121, 91-99.	4.8	178
5	Microsecond scale vibrational spectroscopic imaging by multiplex stimulated Raman scattering microscopy. <i>Light: Science and Applications</i> , 2015, 4, e265-e265.	7.7	172
6	Stability and cellular uptake of polymerized siRNA (poly-siRNA)/polyethylenimine (PEI) complexes for efficient gene silencing. <i>Journal of Controlled Release</i> , 2010, 141, 339-346.	4.8	170
7	The effect of surface functionalization of PLGA nanoparticles by heparin- or chitosan-conjugated Pluronic on tumor targeting. <i>Journal of Controlled Release</i> , 2010, 143, 374-382.	4.8	162
8	Polymeric Nanoparticle-Based Activatable Near-Infrared Nanosensor for Protease Determination In Vivo. <i>Nano Letters</i> , 2009, 9, 4412-4416.	4.5	149
9	Tumor-Homing Poly-siRNA/Glycol Chitosan Self-Cross-Linked Nanoparticles for Systemic siRNA Delivery in Cancer Treatment. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7203-7207.	7.2	149
10	Tumor-homing glycol chitosan/polyethylenimine nanoparticles for the systemic delivery of siRNA in tumor-bearing mice. <i>Journal of Controlled Release</i> , 2010, 144, 134-143.	4.8	145
11	Tumor Targeting Chitosan Nanoparticles for Dual-Modality Optical/MR Cancer Imaging. <i>Bioconjugate Chemistry</i> , 2010, 21, 578-582.	1.8	139
12	Targeted antibody and cytokine cancer immunotherapies through collagen affinity. <i>Science Translational Medicine</i> , 2019, 11, .	5.8	134
13	Formulation and in vitro characterization of an in situ gelable, photo-polymerizable Pluronic hydrogel suitable for injection. <i>Journal of Controlled Release</i> , 2007, 119, 313-319.	4.8	111
14	Neuroprotective ferulic acid (FA)-glycol chitosan (GC) nanoparticles for functional restoration of traumatically injured spinal cord. <i>Biomaterials</i> , 2014, 35, 2355-2364.	5.7	105
15	Blood-stable, tumor-adaptable disulfide bonded mPEG-(Cys) ₄ -PDLLA micelles for chemotherapy. <i>Biomaterials</i> , 2013, 34, 552-561.	5.7	102
16	Effect of the stability and deformability of self-assembled glycol chitosan nanoparticles on tumor-targeting efficiency. <i>Journal of Controlled Release</i> , 2012, 163, 2-9.	4.8	89
17	Dark Quenched Matrix Metalloproteinase Fluorogenic Probe for Imaging Osteoarthritis Development <i>in Vivo</i> . <i>Bioconjugate Chemistry</i> , 2008, 19, 1743-1747.	1.8	77
18	In-vivo tumor targeting of pluronic-based nano-carriers. <i>Journal of Controlled Release</i> , 2010, 147, 109-117.	4.8	72

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19	Inhibition of Copper Transport Induces Apoptosis in Triple-Negative Breast Cancer Cells and Suppresses Tumor Angiogenesis. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 873-885.	1.9	69
20	Avasimibe Encapsulated in Human Serum Albumin Blocks Cholesterol Esterification for Selective Cancer Treatment. <i>ACS Nano</i> , 2015, 9, 2420-2432.	7.3	68
21	FRET Imaging Reveals Different Cellular Entry Routes of Self-Assembled and Disulfide Bonded Polymeric Micelles. <i>Molecular Pharmaceutics</i> , 2013, 10, 3497-3506.	2.3	47
22	Multiplex three-dimensional optical mapping of tumor immune microenvironment. <i>Scientific Reports</i> , 2017, 7, 17031.	1.6	41
23	Three-Dimensional Analysis of the Human Pancreas. <i>Endocrinology</i> , 2018, 159, 1393-1400.	1.4	36
24	Multiplex Three-Dimensional Mapping of Macromolecular Drug Distribution in the Tumor Microenvironment. <i>Molecular Cancer Therapeutics</i> , 2019, 18, 213-226.	1.9	33
25	The effect of heparin on the gelation of Pluronic F-127 hydrogel. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2006, 284-285, 480-484.	2.3	27
26	In vivo NIRF Imaging of Tumor Targetability of Nanosized Liposomes in Tumor-Bearing Mice. <i>Macromolecular Bioscience</i> , 2012, 12, 849-856.	2.1	21
27	A Near-Infrared Fluorescence-Based Optical Thermosensor. <i>Chemistry - A European Journal</i> , 2009, 15, 6103-6106.	1.7	20
28	Thermal gelation and photo-polymerization of di-acrylated Pluronic F 127. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2007, 18, 1335-1353.	1.9	19
29	Nondestructive, multiplex three-dimensional mapping of immune infiltrates in core needle biopsy. <i>Laboratory Investigation</i> , 2019, 99, 1400-1413.	1.7	18
30	PEG-PDLLA Micelle Treatment Improves Axonal Function of the Corpus Callosum following Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2014, 31, 1172-1179.	1.7	13
31	Accelerated Micellization and Aggregation of Pluronic Micelles by Interaction with Heparin. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2010, 21, 727-739.	1.9	7