

Simmyung Yook

List of Publications by Year in descending order

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42
papers

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331670

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docs citations

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times ranked

1516
citing authors

#	ARTICLE	IF	CITATIONS
1	Doxorubicin and Anti-PD-L1 Antibody Conjugated Gold Nanoparticles for Colorectal Cancer Photochemotherapy. <i>Molecular Pharmaceutics</i> , 2019, 16, 1184-1199.	4.6	117
2	Intratumorally Injected ¹⁷⁷ Lu-Labeled Gold Nanoparticles: Gold Nanoseed Brachytherapy with Application for Neoadjuvant Treatment of Locally Advanced Breast Cancer. <i>Journal of Nuclear Medicine</i> , 2016, 57, 936-942.	5.0	92
3	Immunoadjuvants for cancer immunotherapy: A review of recent developments. <i>Acta Biomaterialia</i> , 2020, 114, 16-30.	8.3	78
4	Radiation Nanomedicine for EGFR-Positive Breast Cancer: Panitumumab-Modified Gold Nanoparticles Complexed to the ¹²⁵ I-Particle-Emitter, ¹⁷⁷ Lu. <i>Molecular Pharmaceutics</i> , 2015, 12, 3963-3972.	4.6	67
5	Local Radiation Treatment of HER2-Positive Breast Cancer Using Trastuzumab-Modified Gold Nanoparticles Labeled with ¹⁷⁷ Lu. <i>Pharmaceutical Research</i> , 2017, 34, 579-590.	3.5	61
6	Surface camouflage of pancreatic islets using 6-arm-PEG-catechol in combined therapy with tacrolimus and anti-CD154 monoclonal antibody for xenotransplantation. <i>Biomaterials</i> , 2011, 32, 7961-7970.	11.4	50
7	Surface modification of pancreatic islets using heparin-DOPA conjugate and anti-CD154 mAb for the prolonged survival of intrahepatic transplanted islets in a xenograft model. <i>Biomaterials</i> , 2012, 33, 295-303.	11.4	50
8	Polydopamine-tailored paclitaxel-loaded polymeric microspheres with adhered NIR-controllable gold nanoparticles for chemo-phototherapy of pancreatic cancer. <i>Drug Delivery</i> , 2019, 26, 629-640.	5.7	44
9	Tissue adhesive FK506-loaded polymeric nanoparticles for multi-layered nano-shielding of pancreatic islets to enhance xenograft survival in a diabetic mouse model. <i>Biomaterials</i> , 2018, 154, 182-196.	11.4	43
10	Recent progress in stimuli-responsive nanosystems for inducing immunogenic cell death. <i>Journal of Controlled Release</i> , 2021, 337, 505-520.	9.9	41
11	Stability and Biodistribution of Thiol-Functionalized and ¹⁷⁷ Lu-Labeled Metal Chelating Polymers Bound to Gold Nanoparticles. <i>Biomacromolecules</i> , 2016, 17, 1292-1302.	5.4	32
12	Inflammation-triggered local drug release ameliorates colitis by inhibiting dendritic cell migration and Th1/Th17 differentiation. <i>Journal of Controlled Release</i> , 2019, 316, 138-149.	9.9	31
13	Polymeric and lipid-based drug delivery systems for treatment of glioblastoma multiforme. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 79, 261-273.	5.8	30
14	Single synchronous delivery of FK506-loaded polymeric microspheres with pancreatic islets for the successful treatment of streptozocin-induced diabetes in mice. <i>Drug Delivery</i> , 2017, 24, 1350-1359.	5.7	29
15	Current Applications of Gold Nanoparticles for Medical Imaging and as Treatment Agents for Managing Pancreatic Cancer. <i>Macromolecular Research</i> , 2018, 26, 955-964.	2.4	29
16	Polymeric microsphere-facilitated site-specific delivery of quercetin prevents senescence of pancreatic islets in vivo and improves transplantation outcomes in mouse model of diabetes. <i>Acta Biomaterialia</i> , 2018, 75, 287-299.	8.3	29
17	Cetuximab conjugated temozolomide-loaded poly (lactic-co-glycolic acid) nanoparticles for targeted nanomedicine in EGFR overexpressing cancer cells. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 60, 101928.	3.0	29
18	Photoimmunotherapy with cetuximab-conjugated gold nanorods reduces drug resistance in triple negative breast cancer spheroids with enhanced infiltration of tumor-associated macrophages. <i>Journal of Controlled Release</i> , 2021, 329, 645-664.	9.9	29

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19	Enhancement of blood-brain barrier penetration and the neuroprotective effect of resveratrol. <i>Journal of Controlled Release</i> , 2022, 346, 1-19.	9.9	26
20	Enhanced Caspase-Mediated Abrogation of Autophagy by Temozolomide-Loaded and Panitumumab-Conjugated Poly(lactic-co-glycolic acid) Nanoparticles in Epidermal Growth Factor Receptor Overexpressing Glioblastoma Cells. <i>Molecular Pharmaceutics</i> , 2020, 17, 4386-4400.	4.6	25
21	Hypoxia-Mediated ROS Amplification Triggers Mitochondria-Mediated Apoptotic Cell Death via PD-L1/ROS-Responsive, Dual-Targeted, Drug-Laden Thioketal Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 22955-22969.	8.0	23
22	Engineering cell-particle hybrids of pancreatic islets and bioadhesive FK506-loaded polymeric microspheres for local immunomodulation in xenogeneic islet transplantation. <i>Biomaterials</i> , 2019, 221, 119415.	11.4	22
23	Intraperitoneally delivered stem cell spheroids localize in the liver and protect hepatocytes against GalN/LPS-induced fulminant hepatic toxicity. <i>Stem Cell Research and Therapy</i> , 2019, 10, 230.	5.5	20
24	Engineered islet cell clusters transplanted into subcutaneous space are superior to pancreatic islets in diabetes. <i>FASEB Journal</i> , 2017, 31, 5111-5121.	0.5	19
25	Bio-Inspired and Smart Nanoparticles for Triple Negative Breast Cancer Microenvironment. <i>Pharmaceutics</i> , 2021, 13, 287.	4.5	18
26	Heterospheroid formation improves therapeutic efficacy of mesenchymal stem cells in murine colitis through immunomodulation and epithelial regeneration. <i>Biomaterials</i> , 2021, 271, 120752.	11.4	18
27	Localized therapy using anti-PD-L1 anchored and NIR-responsive hollow gold nanoshell (HGNS) loaded with doxorubicin (DOX) for the treatment of locally advanced melanoma. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102349.	3.3	17
28	A three-dimensional assemblage of gingiva-derived mesenchymal stem cells and NO-releasing microspheres for improved differentiation. <i>International Journal of Pharmaceutics</i> , 2017, 520, 163-172.	5.2	16
29	Development of immunotherapy and nanoparticles-based strategies for the treatment of Parkinson's disease. <i>Journal of Pharmaceutical Investigation</i> , 2021, 51, 465-481.	5.3	13
30	Particulate-Based Single-Dose Local Immunosuppressive Regimen for Inducing Tolerogenic Dendritic Cells in Xenogeneic Islet Transplantation. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001157.	7.6	12
31	Immunomodulation effect of mesenchymal stem cells in islet transplantation. <i>Biomedicine and Pharmacotherapy</i> , 2021, 142, 112042.	5.6	12
32	Molecularly Engineered Islet Cell Clusters for Diabetes Mellitus Treatment. <i>Cell Transplantation</i> , 2012, 21, 1775-1789.	2.5	11
33	Immunotherapeutic strategies for the treatment of ovarian cancer: current status and future direction. <i>Journal of Industrial and Engineering Chemistry</i> , 2021, 94, 62-77.	5.8	11
34	Surface-Triggered In Situ Gelation for Tunable Conformal Hydrogel Coating of Therapeutic Cells and Biomedical Devices. <i>Advanced Functional Materials</i> , 2021, 31, 2010169.	14.9	11
35	Local release of NECA (5-(N-ethylcarboxamido)adenosine) from implantable polymeric sheets for enhanced islet revascularization in extrahepatic transplantation site. <i>Journal of Controlled Release</i> , 2020, 321, 509-518.	9.9	10
36	The impact of locally-delivered tacrolimus-releasing microspheres and polyethylene glycol-based islet surface modification on xenogeneic islet survival. <i>Journal of Controlled Release</i> , 2021, 336, 274-284.	9.9	10

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37	Single-dose intraperitoneal delivery of FK506-encapsulated polymeric microspheres for the alleviation of murine colitis. <i>Journal of Industrial and Engineering Chemistry</i> , 2020, 91, 121-128.	5.8	6
38	Cetuximab-anchored gold nanorod mediated photothermal ablation of breast cancer cell in spheroid model embedded with tumor associated macrophage. <i>Journal of Industrial and Engineering Chemistry</i> , 2022, 106, 177-188.	5.8	5
39	Triple-negative breast cancer treatment meets nanoparticles: Current status and future direction. <i>Journal of Drug Delivery Science and Technology</i> , 2022, 71, 103274.	3.0	2
40	Dose optimization of tacrolimus for improving survival time of PEGylated islets in a rat-to-mouse xenograft model. <i>Macromolecular Research</i> , 2016, 24, 1047-1054.	2.4	1
41	Hydrogel Coatings: Surface-Triggered In Situ Gelation for Tunable Conformal Hydrogel Coating of Therapeutic Cells and Biomedical Devices (<i>Adv. Funct. Mater.</i> 21/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170153.	14.9	1
42	Improvement of beta cell function in intraportal transplantation of islet cell cluster using secretion signal peptide-linked exendin-4 gene. <i>Macromolecular Research</i> , 2014, 22, 901-906.	2.4	0