

Jun-Young Lee

List of Publications by Year in descending order

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18
papers

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1163117

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#	ARTICLE	IF	CITATIONS
1	Red Blood Cell Membrane Bioengineered Zr-89 Labelled Hollow Mesoporous Silica Nanosphere for Overcoming Phagocytosis. <i>Scientific Reports</i> , 2019, 9, 7419.	3.3	31
2	Radioisotope Co-57 incorporated layered double hydroxide nanoparticles as a cancer imaging agent. <i>RSC Advances</i> , 2016, 6, 48415-48419.	3.6	23
3	Discovery of boronic acid-based fluorescent probes targeting amyloid-beta plaques in Alzheimer's disease. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 1784-1788.	2.2	12
4	Synthesis and evaluation of ⁶⁸ Ga- ⁶⁸ EDBE-folate for positron emission tomography imaging of overexpressed folate receptors on CT26 tumor cells. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2018, 61, 4-10.	1.0	12
5	Acetazolamide-based [18F]-PET tracer: In vivo validation of carbonic anhydrase IX as a sole target for imaging of CA-IX expressing hypoxic solid tumors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 915-921.	2.2	11
6	Biological behavior of nanoparticles with Zr-89 for cancer targeting based on their distinct surface composition. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8237-8245.	5.8	11
7	Tumor Targeting Effect of Triphenylphosphonium Cations and Folic Acid Coated with Zr-89-Labeled Silica Nanoparticles. <i>Molecules</i> , 2020, 25, 2922.	3.8	9
8	Novel multifunctional 18F-labelled PET tracer with prostate-specific membrane antigen-targeting and hypoxia-sensitive moieties. <i>European Journal of Medicinal Chemistry</i> , 2020, 189, 112099.	5.5	9
9	Synthesis and evaluation of folate-immobilized ¹⁹⁸ Au@SiO ₂ nanocomposite materials for the diagnosis of folate-receptor overexpressed tumor. <i>Bulletin of the Korean Chemical Society</i> , 2016, 37, 219-225.	1.9	8
10	Acid resistant zirconium phosphate for the long term application of 68Ge/68Ga generator system. <i>Applied Radiation and Isotopes</i> , 2016, 118, 343-349.	1.5	6
11	Radiosynthesis, biological evaluation and preliminary microPET study of 18F-labeled 5-resorcinolic triazolone derivative based on ganetesib targeting HSP90. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 3658-3664.	2.2	5
12	Synthesis and evaluation of triphenylphosphonium conjugated 18F-labeled silica nanoparticles for PET imaging. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 1099-1106.	1.5	5
13	One-pot synthesis of chelator-free 89Zr-incorporated hierarchical hematite nanoclusters for in vitro evaluation. <i>Journal of Nanoparticle Research</i> , 2019, 21, 1.	1.9	4
14	Medical radioisotope 89Zr production with RFT-30 cyclotron. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 330, 455-460.	1.5	4
15	Development of 68Ga-SCN-DOTA-Capsaicin as an Imaging Agent Targeting Apoptosis and Cell Cycle Arrest in Breast Cancer. <i>Cancer Biotherapy and Radiopharmaceuticals</i> , 2017, 32, 169-175.	1.0	2
16	Chitosan-TiO ₂ composite: A potential 68Ge/68Ga generator column material. <i>Applied Radiation and Isotopes</i> , 2019, 149, 206-213.	1.5	2
17	Synthesis of imatinib, a tyrosine kinase inhibitor, labeled with carbon-14. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2020, 63, 174-182.	1.0	2
18	TiO ₂ Decorated Low-Molecular Chitosan a Microsized Adsorbent for a 68Ge/68Ga Generator System. <i>Molecules</i> , 2021, 26, 3185.	3.8	1