

Gyu Seong Heo

List of Publications by Year in descending order

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31
papers

1,294
citations

430874

18
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

2500
citing authors

#	ARTICLE	IF	CITATIONS
1	Câ€“Xâ€“C Chemokine Receptor Type 4-Targeted Imaging in Glioblastoma Multiforme Using ⁶⁴ Cu-Radiolabeled Ultrasmall Gold Nanoclusters. ACS Applied Bio Materials, 2022, 5, 235-242.	4.6	3
2	Chemokine Receptor 2â€“targeted Molecular Imaging in Pulmonary Fibrosis. A Clinical Trial. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 78-89.	5.6	61
3	Targeted PET Imaging of Chemokine Receptor 2â€“Positive Monocytes and Macrophages in the Injured Heart. Journal of Nuclear Medicine, 2021, 62, 111-114.	5.0	31
4	CC Chemokine Receptor 2-Targeting Copper Nanoparticles for Positron Emission Tomography-Guided Delivery of Gemcitabine for Pancreatic Ductal Adenocarcinoma. ACS Nano, 2021, 15, 1186-1198.	14.6	32
5	CXCR4-Binding Positron Emission Tomography Tracers Link Monocyte Recruitment and Endothelial Injury in Murine Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 822-836.	2.4	13
6	CC Chemokine Receptor 5 Targeted Nanoparticles Imaging the Progression and Regression of Atherosclerosis Using Positron Emission Tomography/Computed Tomography. Molecular Pharmaceutics, 2021, 18, 1386-1396.	4.6	15
7	Ultrasmall Nanoclusters: Synthesis and Applications as an Emerging Platform for Imaging and Therapy. Current Analytical Chemistry, 2021, 17, 287-301.	1.2	1
8	The Latest Advances in Imaging Crosstalk Between the Immune System and Fibrosis in Cardiovascular Disease. Journal of Nuclear Medicine, 2021, 62, 1341-1346.	5.0	2
9	Assessment of ultrasmall nanocluster for early and accurate detection of atherosclerosis using positron emission tomography/computed tomography. Nanomedicine: Nanotechnology, Biology, and Medicine, 2021, 36, 102416.	3.3	5
10	Magnetic Resonance Imaging-Guided Focused Ultrasound-Based Delivery of Radiolabeled Copper Nanoclusters to Diffuse Intrinsic Pontine Glioma. ACS Applied Nano Materials, 2020, 3, 11129-11134.	5.0	17
11	CCR2 Positron Emission Tomography for the Assessment of Abdominal Aortic Aneurysm Inflammation and Rupture Prediction. Circulation: Cardiovascular Imaging, 2020, 13, e009889.	2.6	28
12	Folate Receptor 1-Targeted ⁸⁹ Zr-M9346A Immuno-PET for Image-Guided Intervention with Mirvetuximab Soravtansine in Triple-Negative Breast Cancer. Molecular Pharmaceutics, 2019, 16, 3996-4006.	4.6	12
13	Preparation of Degradable Polymeric Nanoparticles with Various Sizes and Surface Charges from Polycarbonate Block Copolymers. Macromolecular Research, 2019, 27, 1173-1178.	2.4	0
14	Molecular Imaging Visualizes Recruitment of Inflammatory Monocytes and Macrophages to the Injured Heart. Circulation Research, 2019, 124, 881-890.	4.5	94
15	Assessment of Copper Nanoclusters for Accurate in Vivo Tumor Imaging and Potential for Translation. ACS Applied Materials & Interfaces, 2019, 11, 19669-19678.	8.0	37
16	Functional, Degradable Zwitterionic Polyphosphoesters as Biocompatible Coating Materials for Metal Nanostructures. Langmuir, 2019, 35, 1503-1512.	3.5	13
17	A Vinyl Ether-Functional Polycarbonate as a Template for Multiple Postpolymerization Modifications. Macromolecules, 2018, 51, 3233-3242.	4.8	13
18	Focused ultrasound-enabled delivery of radiolabeled nanoclusters to the pons. Journal of Controlled Release, 2018, 283, 143-150.	9.9	45

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19	Focused Ultrasound Enabled Transâ€Blood Brain Barrier Delivery of Gold Nanoclusters: Effect of Surface Charges and Quantification Using Positron Emission Tomography. <i>Small</i> , 2018, 14, e1703115.	10.0	29
20	Syntheses of triblock bottlebrush polymers through sequential ROMPs: Expanding the functionalities of molecular brushes. <i>Journal of Polymer Science Part A</i> , 2017, 55, 2966-2970.	2.3	31
21	Functionalizable Hydrophilic Polycarbonate, Poly(5-methyl-5-(2-hydroxypropyl)aminocarbonyl-1,3-dioxan-2-one), Designed as a Degradable Alternative for PHPMA and PEG. <i>Macromolecules</i> , 2015, 48, 8797-8805.	4.8	29
22	Preparation and <i>in Vitro</i> Antimicrobial Activity of Silver-Bearing Degradable Polymeric Nanoparticles of Polyphosphoester- <i>block</i> -Poly(<i>scp</i> -lactide). <i>ACS Nano</i> , 2015, 9, 1995-2008.	14.6	84
23	Polymeric Nanostructures for Imaging and Therapy. <i>Chemical Reviews</i> , 2015, 115, 10967-11011.	47.7	420
24	Investigating the pharmacokinetics and biological distribution of silverâ€loaded polyphosphoesterâ€based nanoparticles using ¹¹¹ Ag as a radiotracer. <i>Journal of Labelled Compounds and Radiopharmaceuticals</i> , 2015, 58, 234-241.	1.0	21
25	Holistic Assessment of Covalently Labeled Coreâ€Shell Polymeric Nanoparticles with Fluorescent Contrast Agents for Theranostic Applications. <i>Langmuir</i> , 2014, 30, 631-641.	3.5	25
26	Development of a Vinyl Ether-Functionalized Polyphosphoester as a Template for Multiple Postpolymerization Conjugation Chemistries and Study of Core Degradable Polymeric Nanoparticles. <i>Macromolecules</i> , 2014, 47, 4634-4644.	4.8	64
27	Aldehyde-functional polycarbonates as reactive platforms. <i>Polymer Chemistry</i> , 2014, 5, 3555-3558.	3.9	22
28	Detection of Living Anionic Species in Polymerization Reactions Using Hyperpolarized NMR. <i>Journal of the American Chemical Society</i> , 2013, 135, 4636-4639.	13.7	60
29	Synthesis, Characterization, and In Vivo Efficacy of Shell Cross-Linked Nanoparticle Formulations Carrying Silver Antimicrobials as Aerosolized Therapeutics. <i>ACS Nano</i> , 2013, 7, 4977-4987.	14.6	44
30	Poly(<i>scp</i> -d-glucose carbonate) Block Copolymers: A Platform for Natural Product-Based Nanomaterials with Solvothermally Characteristic. <i>Biomacromolecules</i> , 2013, 14, 3346-3353.	5.4	38
31	Anhydride-functionalized fullerene: a versatile precursor for fullerene-based materials. <i>Tetrahedron Letters</i> , 2008, 49, 5540-5543.	1.4	5