

Johoon Kim

List of Publications by Year in descending order

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14
papers

1,105
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1957
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative positron emission tomography imaging in the presence of iodinated contrast media using electron density quantifications from dual-energy computed tomography. <i>Medical Physics</i> , 2021, 48, 273-286.	3.0	3
2	Ultras-small Antioxidant Cerium Oxide Nanoparticles for Regulation of Acute Inflammation. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 60852-60864.	8.0	40
3	Recent Advances in Molecular Imaging with Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2020, 31, 303-314.	3.6	95
4	Radioprotective Garment-Inspired Biodegradable Polymetal Nanoparticles for Enhanced CT Contrast Production. <i>Chemistry of Materials</i> , 2020, 32, 381-391.	6.7	20
5	Dextran-Coated Cerium Oxide Nanoparticles: A Computed Tomography Contrast Agent for Imaging the Gastrointestinal Tract and Inflammatory Bowel Disease. <i>ACS Nano</i> , 2020, 14, 10187-10197.	14.6	89
6	Multicolor spectral photon counting CT monitors and quantifies therapeutic cells and their encapsulating scaffold in a model of brain damage. <i>Nanotheranostics</i> , 2020, 4, 129-141.	5.2	19
7	Biodegradable Gold Nanoclusters with Improved Excretion Due to pH-Triggered Hydrophobic-to-Hydrophilic Transition. <i>Journal of the American Chemical Society</i> , 2020, 142, 7783-7794.	13.7	40
8	Effect of Gold Nanoparticle Size on Their Properties as Contrast Agents for Computed Tomography. <i>Scientific Reports</i> , 2019, 9, 14912.	3.3	157
9	Renally Excretable and Size-Tunable Silver Sulfide Nanoparticles for Dual-Energy Mammography or Computed Tomography. <i>Chemistry of Materials</i> , 2019, 31, 7845-7854.	6.7	33
10	Assessment of candidate elements for development of spectral photon-counting CT specific contrast agents. <i>Scientific Reports</i> , 2018, 8, 12119.	3.3	58
11	CD163+ macrophages promote angiogenesis and vascular permeability accompanied by inflammation in atherosclerosis. <i>Journal of Clinical Investigation</i> , 2018, 128, 1106-1124.	8.2	209
12	Use of Nanoparticle Contrast Agents for Cell Tracking with Computed Tomography. <i>Bioconjugate Chemistry</i> , 2017, 28, 1581-1597.	3.6	113
13	Effect of Gold Nanoparticle Size and Coating on Labeling Monocytes for CT Tracking. <i>Bioconjugate Chemistry</i> , 2017, 28, 260-269.	3.6	40
14	Tunable, biodegradable gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging. <i>Biomaterials</i> , 2016, 102, 87-97.	11.4	189