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