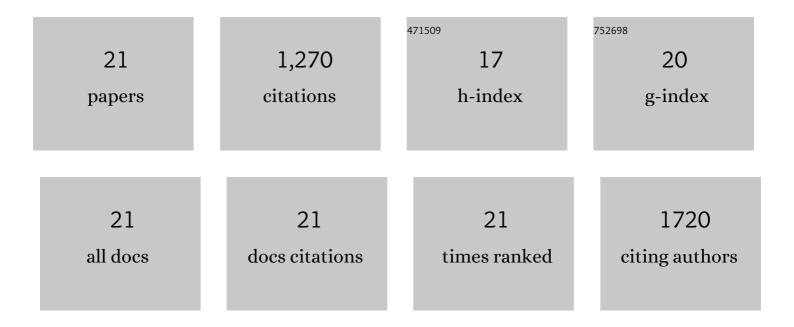
## Jessica C Hsu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4119063/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Tunable, biodegradable gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging. Biomaterials, 2016, 102, 87-97.	11.4	189
2	Effect of Gold Nanoparticle Size on Their Properties as Contrast Agents for Computed Tomography. Scientific Reports, 2019, 9, 14912.	3.3	157
3	Use of Nanoparticle Contrast Agents for Cell Tracking with Computed Tomography. Bioconjugate Chemistry, 2017, 28, 1581-1597.	3.6	113
4	Recent Advances in Molecular Imaging with Gold Nanoparticles. Bioconjugate Chemistry, 2020, 31, 303-314.	3.6	95
5	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
6	Gold silver alloy nanoparticles (GSAN): an imaging probe for breast cancer screening with dual-energy mammography or computed tomography. Nanoscale, 2016, 8, 13740-13754.	5.6	84
7	Repurposing ferumoxytol: Diagnostic and therapeutic applications of an FDA-approved nanoparticle. Theranostics, 2022, 12, 796-816.	10.0	83
8	Nanoparticle contrast agents for Xâ€ray imaging applications. Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, 2020, 12, e1642.	6.1	69
9	An all-in-one nanoparticle (AION) contrast agent for breast cancer screening with DEM-CT-MRI-NIRF imaging. Nanoscale, 2018, 10, 17236-17248.	5.6	60
10	In Vivo Molecular K-Edge Imaging of Atherosclerotic Plaque Using Photon-counting CT. Radiology, 2021, 300, 98-107.	7.3	55
11	Precision targeting of bacterial pathogen via bi-functional nanozyme activated by biofilm microenvironment. Biomaterials, 2021, 268, 120581.	11.4	54
12	Ultrasmall Antioxidant Cerium Oxide Nanoparticles for Regulation of Acute Inflammation. ACS Applied Materials & Interfaces, 2021, 13, 60852-60864.	8.0	40
13	Wulff in a cage gold nanoparticles as contrast agents for computed tomography and photoacoustic imaging. Nanoscale, 2018, 10, 18749-18757.	5.6	34
14	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
15	Silver telluride nanoparticles as biocompatible and enhanced contrast agents for X-ray imaging: an <i>in vivo</i> breast cancer screening study. Nanoscale, 2021, 13, 163-174.	5.6	25
16	Silver chalcogenide nanoparticles: a review of their biomedical applications. Nanoscale, 2021, 13, 19306-19323.	5.6	23
17	Radioprotective Garment-Inspired Biodegradable Polymetal Nanoparticles for Enhanced CT Contrast Production. Chemistry of Materials, 2020, 32, 381-391.	6.7	20
18	Novel Treatment for Glioblastoma Delivered by a Radiation Responsive and Radiopaque Hydrogel. ACS Biomaterials Science and Engineering, 2021, 7, 3209-3220.	5.2	20

JESSICA C HSU

#	Article	IF	CITATIONS
19	The Reliability of Cone Density Measurements in the Presence of Rods. Translational Vision Science and Technology, 2018, 7, 21.	2.2	18
20	Effect of Nanoparticle Synthetic Conditions on Ligand Coating Integrity and Subsequent Nano-Biointeractions. ACS Applied Materials & amp; Interfaces, 2021, 13, 58401-58410.	8.0	7
21	Evaluation of silver sulfide nanoparticles as a contrast agent for spectral photon-counting digital mammography: a phantom study. , 2019, , .		2