

Chunhong Hu

List of Publications by Year in descending order

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12
papers

82
citations

1478505

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1474206

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docs citations

12
times ranked

99
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-dimensional visualization of the microvasculature of bile duct ligation-induced liver fibrosis in rats by x-ray phase-contrast imaging computed tomography. <i>Scientific Reports</i> , 2015, 5, 11500.	3.3	21
2	Visualization of microvasculature and thrombi by X-ray phase-contrast computed tomography in hepatocellular carcinoma. <i>Journal of Synchrotron Radiation</i> , 2016, 23, 600-605.	2.4	12
3	Phase-contrast computed tomography: A correlation study between portal pressure and three dimensional microvasculature of ex vivo liver samples from carbon tetrachloride-induced liver fibrosis in rats. <i>Microvascular Research</i> , 2019, 125, 103884.	2.5	9
4	Insight into Bile Duct Reaction to Obstruction from a Three-dimensional Perspective Using ex Vivo Phase-Contrast CT. <i>Radiology</i> , 2021, 299, 597-610.	7.3	9
5	Characterization of microvessels and parenchyma in in-line phase contrast imaging CT: healthy liver, cirrhosis and hepatocellular carcinoma. <i>Quantitative Imaging in Medicine and Surgery</i> , 2019, 9, 1037-1046.	2.0	8
6	An iterative image reconstruction algorithm combined with forward and backward diffusion filtering for in-line X-ray phase-contrast computed tomography. <i>Journal of Synchrotron Radiation</i> , 2018, 25, 1450-1459.	2.4	6
7	A new in-line X-ray phase-contrast computed tomography reconstruction algorithm based on adaptive-weighted anisotropic TpV regularization for insufficient data. <i>Journal of Synchrotron Radiation</i> , 2019, 26, 1330-1342.	2.4	6
8	Targeting delivery of synergistic dual drugs with elastic PEG-modified multi-functional nanoparticles for hepatocellular carcinoma therapy. <i>International Journal of Pharmaceutics</i> , 2022, 616, 121567.	5.2	5
9	Image reconstruction algorithm for in-line phase contrast imaging computed tomography with an improved anisotropic diffusion model. <i>Journal of X-Ray Science and Technology</i> , 2015, 23, 311-320.	1.0	3
10	Phase-contrast CT. <i>Academic Radiology</i> , 2017, 24, 67-75.	2.5	2
11	Comparison of microstructural imaging of the root canal isthmus using propagation-based X-ray phase-contrast and absorption computed tomography. <i>Journal of Microscopy</i> , 2021, 284, 74-82.	1.8	1
12	Use of the volume-averaged Murray's deviation method for the characterization of branching geometry in liver fibrosis: a preliminary study on vascular circulation. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022, 12, 979-991.	2.0	0