

Anastasia Ingacheva

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

83
citations

2258059

3
h-index

2053705

5
g-index

24
all docs

24
docs citations

24
times ranked

69
citing authors

#	ARTICLE	IF	CITATIONS
1	Laboratory Microtomographs: Design and Data Processing Algorithms. Crystallography Reports, 2018, 63, 1057-1061.	0.6	26
2	HoughNet: Neural Network Architecture for Vanishing Points Detection. , 2019, , .		16
3	Polychromatic CT Data Improvement with One-Parameter Power Correction. Mathematical Problems in Engineering, 2019, 2019, 1-12.	1.1	9
4	High resolution 3D visualization of the spinal cord in a post-mortem murine model. Biomedical Optics Express, 2020, 11, 2235.	2.9	5
5	Vanishing points detection using combination of fast Hough transform and deep learning. , 2018, , .		5
6	Approach to recognition of flexible form for credit card expiration date recognition as example. , 2015, , .		3
7	CT image quality assessment based on morphometric analysis of artifacts. , 2017, , .		3
8	Segmentation criteria in the problem of porosity determination based on CT scans. , 2020, , .		3
9	Methods of Preprocessing Tomographic Images Taking into Account the Thermal Instability of the X-ray Tube. Optoelectronics, Instrumentation and Data Processing, 2019, 55, 138-147.	0.6	2
10	Enhanced Tomographic Sensing Multimodality with a Crystal Analyzer. Sensors, 2020, 20, 6970.	3.8	2
11	Method for numeric estimation of Cupping effect on CT images. , 2020, , .		2
12	CT metal artifact reduction by soft inequality constraints. , 2015, , .		1
13	Overview of machine vision methods in x-ray imaging and microtomography. , 2018, , .		1
14	Simultaneous iterative reconstruction method for high resolution x-ray phase-contrast tomography. , 2020, , .		1
15	A Way To Reduce The Artifacts Caused By Intensely Absorbing Areas In Computed Tomography. , 2015, , .		1
16	Automatic Beam Hardening Correction For CT Reconstruction. , 2017, , .		1
17	Iterative tomography reconstruction in a limited field of view. , 2020, , .		1
18	Optimal measurements strategy in micro-tomography: amount of data and representative elementary volume assessment and application to porous media. , 2020, , .		1

#	ARTICLE	IF	CITATIONS
19	To image analysis in computed tomography. , 2017, , .		0
20	Blur kernel estimation with algebraic tomography technique and intensity profiles of object boundaries. , 2018, , .		0
21	Analysis of computer images in the presence of metals. , 2018, , .		0
22	Mapping Of Enclosed Buildings Using Mobile Radio Tomography. , 2018, , .		0
23	Large scale tomographic reconstruction algorithm based on algebraic approach. , 2019, , .		0
24	Automatic Object Detection on Tomographic Projections. Journal of Surface Investigation, 2020, 14, 978-990.	0.5	0