Xin Cao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8885470/publications.pdf

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21	208	1163117 8	1058476 14
papers	citations	h-index	g-index

21	21	21	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feasibility study of novel endoscopic Cerenkov luminescence imaging system in detecting and quantifying gastrointestinal disease: first human results. European Radiology, 2015, 25, 1814-1822.	4.5	58
2	Intensity Enhanced Cerenkov Luminescence Imaging Using Terbium-Doped Gd₂O₂S Microparticles. ACS Applied Materials & Interfaces, 2015, 7, 11775-11782.	8.0	29
3	Performance evaluation of endoscopic Cerenkov luminescence imaging system: in vitro and pseudotumor studies. Biomedical Optics Express, 2014, 5, 3660.	2.9	21
4	A Novel Stacked Denoising Autoencoder-Based Reconstruction Framework for Cerenkov Luminescence Tomography. IEEE Access, 2019, 7, 85178-85189.	4.2	15
5	Sensitivity improvement of Cerenkov luminescence endoscope with terbium doped Gd2O2S nanoparticles. Applied Physics Letters, 2015, 106, .	3.3	11
6	Fuzzy autoencoder for multiple change detection in remote sensing images. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	10
7	Classification of 3D terracotta warriors fragments based on geospatial and texture information. Journal of Visualization, 2021, 24, 251-259.	1.8	9
8	Feasibility study of endoscopic x-ray luminescence computed tomography: Simulation demonstration and phantom application. Journal of Applied Physics, 2013, 114, .	2.5	8
9	Harnessing the Power of Cerenkov Luminescence Imaging for Gastroenterology: Cerenkov Luminescence Endoscopy. Current Medical Imaging, 2017, 13, 50-57.	0.8	8
10	TDNet: transformer-based network for point cloud denoising. Applied Optics, 2022, 61, C80.	1.8	6
11	SPPD: A Novel Reassembly Method for 3D Terracotta Warrior Fragments Based on Fracture Surface Information. ISPRS International Journal of Geo-Information, 2021, 10, 525.	2.9	5
12	A deep unsupervised clustering-based post-processing framework for high-fidelity Cerenkov luminescence tomography. Journal of Applied Physics, 2020, 128, 193104.	2.5	5
13	A fuzzy artificial neural network-based method for Cerenkov luminescence tomography. AIP Advances, 2019, 9, 065105.	1.3	4
14	Adaptively Hybrid $3^{ext{rd}}$ Simplified Spherical Harmonics With Diffusion Equation-Based Multispectral Cerenkov Luminescence Tomography. IEEE Access, 2019, 7, 160779-160785.	4.2	4
15	Simplification method for 3D Terracotta Warrior fragments based on local structure and deep neural networks. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2020, 37, 1711.	1.5	3
16	Establishment and Optimization of Radiomics Algorithms for Prediction of KRAS Gene Mutation by Integration of NSCLC Gene Mutation Mutual Exclusion Information. Frontiers in Pharmacology, 2022, 13, 862581.	3.5	3
17	A novel denoising framework for cerenkov luminescence imaging based on spatial information improved clustering and curvature-driven diffusion. Journal of Innovative Optical Health Sciences, 2018, 11, 1850017.	1.0	2
18	Hybrid model based unified scheme for endoscopic Cerenkov and radio-luminescence tomography: Simulation demonstration. Journal of Applied Physics, 2018, 123, .	2.5	2

#	Article	IF	Citations
19	AMS-Net: An Attention-Based Multi-Scale Network for Classification of 3D Terracotta Warrior Fragments. Remote Sensing, 2021, 13, 3713.	4.0	2
20	Multi-Scale Upsampling GAN Based Hole-Filling Framework for High-Quality 3D Cultural Heritage Artifacts. Applied Sciences (Switzerland), 2022, 12, 4581.	2.5	2
21	UMA-Net: an unsupervised representation learningnetwork for 3D point cloud classification. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 0, , .	1.5	1