Xin Cao

List of Publications by Year in descending order

21 papers	208 citations	1163117 8 h-index	1058476 14 g-index
21 all docs	21 docs citations	21 times ranked	198 citing authors

#	Article	IF	Citations
1	TDNet: transformer-based network for point cloud denoising. Applied Optics, 2022, 61, C80.	1.8	6
2	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
3	Multi-Scale Upsampling GAN Based Hole-Filling Framework for High-Quality 3D Cultural Heritage Artifacts. Applied Sciences (Switzerland), 2022, 12, 4581.	2.5	2
4	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
5	AMS-Net: An Attention-Based Multi-Scale Network for Classification of 3D Terracotta Warrior Fragments. Remote Sensing, 2021, 13, 3713.	4.0	2
6	Classification of 3D terracotta warriors fragments based on geospatial and texture information. Journal of Visualization, 2021, 24, 251-259.	1.8	9
7	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
8	A deep unsupervised clustering-based post-processing framework for high-fidelity Cerenkov luminescence tomography. Journal of Applied Physics, 2020, 128, 193104.	2.5	5
9	A fuzzy artificial neural network-based method for Cerenkov luminescence tomography. AIP Advances, 2019, 9, 065105.	1.3	4
10	A Novel Stacked Denoising Autoencoder-Based Reconstruction Framework for Cerenkov Luminescence Tomography. IEEE Access, 2019, 7, 85178-85189.	4.2	15
11	Adaptively Hybrid 3rd Simplified Spherical Harmonics With Diffusion Equation-Based Multispectral Cerenkov Luminescence Tomography. IEEE Access, 2019, 7, 160779-160785.	4.2	4
12	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
13	Hybrid model based unified scheme for endoscopic Cerenkov and radio-luminescence tomography: Simulation demonstration. Journal of Applied Physics, 2018, 123, .	2.5	2
14	Fuzzy autoencoder for multiple change detection in remote sensing images. Journal of Applied Remote Sensing, 2018, 12, 1.	1.3	10
15	Harnessing the Power of Cerenkov Luminescence Imaging for Gastroenterology: Cerenkov Luminescence Endoscopy. Current Medical Imaging, 2017, 13, 50-57.	0.8	8
16	Intensity Enhanced Cerenkov Luminescence Imaging Using Terbium-Doped Gd_2O_2S Microparticles. ACS Applied Materials & Interfaces, 2015, 7, 11775-11782.	8.0	29
17	Sensitivity improvement of Cerenkov luminescence endoscope with terbium doped Gd2O2S nanoparticles. Applied Physics Letters, 2015, 106, .	3.3	11
18	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

#	Article	IF	Citations
19	Performance evaluation of endoscopic Cerenkov luminescence imaging system: in vitro and pseudotumor studies. Biomedical Optics Express, 2014, 5, 3660.	2.9	21
20	Feasibility study of endoscopic x-ray luminescence computed tomography: Simulation demonstration and phantom application. Journal of Applied Physics, 2013, 114, .	2.5	8
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