Jiangang Chen

List of Publications by Year
in descending order

17 papers	351 citations	933447 10 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	393 citing authors

#	Article	IF	Citations
1	Identification of Melanoma From Hyperspectral Pathology Image Using 3D Convolutional Networks. IEEE Transactions on Medical Imaging, 2021, 40, 218-227.	8.9	59
2	In Situ Growth Kinetics of Hydroxyapatite on Electrospun Poly(<scp>dl</scp>-lactide) Fibers with Gelatin Grafted. Crystal Growth and Design, 2008, 8, 4576-4582.	3.0	56
3	The formation and physicochemical properties of PEGylated deep eutectic solvents. New Journal of Chemistry, 2019, 43, 8804-8810.	2.8	51
4	Quantitative analysis of citric acid/sodium hypophosphite modified cotton by HPLC and conductometric titration. Carbohydrate Polymers, 2015, 121, 92-98.	10.2	30
5	Comprehensive Study on Cellulose Swelling for Completely Recyclable Nonaqueous Reactive Dyeing. Industrial & Engineering Chemistry Research, 2015, 54, 2439-2446.	3.7	26
6	Characterization of dimethyl sulfoxide-treated wool and enhancement of reactive wool dyeing in non-aqueous medium. Textile Reseach Journal, 2016, 86, 533-542.	2.2	19
7	Quantitative Analysis and Automated Lung Ultrasound Scoring for Evaluating COVID-19 Pneumonia With Neural Networks. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 2507-2515.	3.0	19
8	Automated lung ultrasound scoring for evaluation of coronavirus disease 2019 pneumonia using two-stage cascaded deep learning model. Biomedical Signal Processing and Control, 2022, 75, 103561.	5.7	15
9	Fibrous Composites With Anisotropic Distribution of Mechanical Properties After Layer-by-Layer Deposition of Aligned Electrospun Fibers. Advanced Engineering Materials, 2010, 12, B529.	3.5	13
10	2-Nitrobenzyl Borate Based Photolabile Linker for Breakable Polymer Vesicles. Macromolecular Rapid Communications, 2016, 37, 514-520.	3.9	10
11	PCA-U-Net based breast cancer nest segmentation from microarray hyperspectral images. Fundamental Research, 2021, 1, 631-640.	3.3	10
12	Simultaneous Segmentation of Fetal Hearts and Lungs for Medical Ultrasound Images via an Efficient Multi-scale Model Integrated With Attention Mechanism. Ultrasonic Imaging, 2021, 43, 308-319.	2.6	10
13	Evaluation of Pulmonary Edema Using Ultrasound Imaging in Patients With COVID-19 Pneumonia Based on a Non-local Channel Attention ResNet. Ultrasound in Medicine and Biology, 2022, 48, 945-953.	1.5	10
14	Fabricating Triple-Sensitive Polymer Nano-Aggregates via an Aqueous Iminoboronate Multicomponent Reaction. Macromolecular Rapid Communications, 2017, 38, 1600805.	3.9	9
15	Molecular surface area based predictive models for the adsorption and diffusion of disperse dyes in polylactic acid matrix. Journal of Colloid and Interface Science, 2015, 458, 22-31.	9.4	6
16	Automated Pleural Line Detection Based on Radon Transform Using Ultrasound. Ultrasonic Imaging, 2021, 43, 19-28.	2.6	5
17	Antioxidant-assisted coloration of wool with xanthophylls extracted from corn distillersâ€™ dry grain. Coloration Technology, 2016, 132, 208-216.	1.5	3