

Xingyu Li

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

284
citations

1162889

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1058333

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docs citations

27
times ranked

335
citing authors

#	ARTICLE	IF	CITATIONS
1	A Complete Color Normalization Approach to Histopathology Images Using Color Cues Computed From Saturation-Weighted Statistics. IEEE Transactions on Biomedical Engineering, 2015, 62, 1862-1873.	2.5	114
2	Discriminative Pattern Mining for Breast Cancer Histopathology Image Classification via Fully Convolutional Autoencoder. IEEE Access, 2019, 7, 36433-36445.	2.6	39
3	Circular Mixture Modeling of Color Distribution for Blind Stain Separation in Pathology Images. IEEE Journal of Biomedical and Health Informatics, 2017, 21, 150-161.	3.9	25
4	Stain Style Transfer of Histopathology Images via Structure-Preserved Generative Learning. Lecture Notes in Computer Science, 2020, , 153-162.	1.0	16
5	How much off-the-shelf knowledge is transferable from natural images to pathology images?. PLoS ONE, 2020, 15, e0240530.	1.1	10
6	Surgical Skill Evaluation From Robot-Assisted Surgery Recordings. , 2021, , .		10
7	Improving feature extraction from histopathological images through a fine-tuning ImageNet model. Journal of Pathology Informatics, 2022, 13, 100115.	0.8	10
8	The Pan-Cytokeratin Staining Intensity and Fractal Computational Analysis of Breast Tumor Malignant Growth Patterns Prognosticate the Occurrence of Distant Metastasis. Frontiers in Oncology, 2018, 8, 348.	1.3	9
9	Virtual histopathology with ultraviolet scattering and photoacoustic remote sensing microscopy. Optics Letters, 2021, 46, 5153-5156.	1.7	9
10	Size and Shape Filtering of Malignant Cell Clusters within Breast Tumors Identifies Scattered Individual Epithelial Cells as the Most Valuable Histomorphological Clue in the Prognosis of Distant Metastasis Risk. Cancers, 2019, 11, 1615.	1.7	8
11	AI-Empowered Computational Examination of Chest Imaging for COVID-19 Treatment: A Review. Frontiers in Artificial Intelligence, 2021, 4, 612914.	2.0	6
12	Blind stain decomposition for histo-pathology images using circular nature of chroma components. , 2015, , .		5
13	A Domain-Adapted Machine Learning Approach for Visual Evaluation and Interpretation of Robot-Assisted Surgery Skills. IEEE Robotics and Automation Letters, 2022, 7, 8202-8208.	3.3	5
14	Novel chromaticity similarity based color texture descriptor for digital pathology image analysis. PLoS ONE, 2018, 13, e0206996.	1.1	4
15	Cranial Implant Prediction by Learning an Ensemble of Slice-Based Skull Completion Networks. Lecture Notes in Computer Science, 2021, , 95-104.	1.0	4
16	Color texture representation using circular-processing based Hue-LBP for histo-pathology image analysis. , 2016, , .		3
17	Deep Neural Skill Assessment and Transfer: Application to Robotic Surgery Training. , 2021, , .		3
18	Surgical Procedure Understanding, Evaluation, and Interpretation: A Dictionary Factorization Approach. IEEE Transactions on Medical Robotics and Bionics, 2022, 4, 423-435.	2.1	2

#	ARTICLE	IF	CITATIONS
19	Shape-included label-consistent discriminative dictionary learning: An approach to detect and segment multi-class objects in images. , 2016, , .		1
20	Blind Stain Separation Using Model-Aware Generative Learning and Its Applications on Fluorescence Microscopy Images. Lecture Notes in Computer Science, 2021, , 98-107.	1.0	1
21	Diagnostic color estimation of tissue components in pathology images via von Mises mixture model. , 2015, , .		0
22	Computational scratch assay " A new frontier for image analysis: Preliminary study of multi-cellular segmentation. , 2017, , .		0
23	How much off-the-shelf knowledge is transferable from natural images to pathology images?. , 2020, 15, e0240530.		0
24	How much off-the-shelf knowledge is transferable from natural images to pathology images?. , 2020, 15, e0240530.		0
25	How much off-the-shelf knowledge is transferable from natural images to pathology images?. , 2020, 15, e0240530.		0
26	How much off-the-shelf knowledge is transferable from natural images to pathology images?. , 2020, 15, e0240530.		0
27	Multi-layer label-free H&E-like histology using ultraviolet scattering-augmented photoacoustic remote sensing microscopy. , 2022, , .		0