

AndrÃ© Homeyer

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

817
citations

759055

12
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

1480
citing authors

#	ARTICLE	IF	CITATIONS
1	Medical Image Analysis. IEEE Pulse, 2011, 2, 60-70.	0.1	241
2	Stain Specific Standardization of Whole-Slide Histopathological Images. IEEE Transactions on Medical Imaging, 2016, 35, 404-415.	5.4	218
3	Deep learning nuclei detection: A simple approach can deliver state-of-the-art results. Computerized Medical Imaging and Graphics, 2018, 70, 43-52.	3.5	62
4	Zonated quantification of steatosis in an entire mouse liver. Computers in Biology and Medicine, 2016, 73, 108-118.	3.9	39
5	Data-Driven Discovery of Immune Contexture Biomarkers. Frontiers in Oncology, 2018, 8, 627.	1.3	29
6	NCI Imaging Data Commons. Cancer Research, 2021, 81, 4188-4193.	0.4	28
7	Practical quantification of necrosis in histological whole-slide images. Computerized Medical Imaging and Graphics, 2013, 37, 313-322.	3.5	27
8	Artificial Intelligence in Pathology: From Prototype to Product. Journal of Pathology Informatics, 2021, 12, 13.	0.8	20
9	Neural elements behind the hepatoprotection of remote preconditioning. Journal of Surgical Research, 2015, 193, 642-651.	0.8	19
10	Automated quantification of steatosis: agreement with stereological point counting. Diagnostic Pathology, 2017, 12, 80.	0.9	15
11	Automated density-based counting of FISH amplification signals for HER2 status assessment. Computer Methods and Programs in Biomedicine, 2019, 173, 77-85.	2.6	14
12	Fast and accurate identification of fat droplets in histological images. Computer Methods and Programs in Biomedicine, 2015, 121, 59-65.	2.6	13
13	A comparison of sampling strategies for histological image analysis. Journal of Pathology Informatics, 2012, 2, 11.	0.8	12
14	Limited Correlation Between Conventional Pathologist and Automatic Computer-Assisted Quantification of Hepatic Steatosis due to Difference Between Event-Based and Surface-Based Analysis. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1473-1477.	3.9	12
15	One Size Fits All. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 1-10.	0.6	8
16	Training Nuclei Detection Algorithms with Simple Annotations. Journal of Pathology Informatics, 2017, 8, 21.	0.8	8
17	Focused scores enable reliable discrimination of small differences in steatosis. Diagnostic Pathology, 2018, 13, 76.	0.9	7
18	Zooming in: high resolution 3D reconstruction of differently stained histological whole slide images. Proceedings of SPIE, 2014, , .	0.8	6

#	ARTICLE	IF	CITATIONS
19	Intrahepatic Size Regulation in a Surgical Model: Liver Resection-Induced Liver Regeneration Counteracts the Local Atrophy following Simultaneous Portal Vein Ligation. <i>European Surgical Research</i> , 2016, 57, 125-137.	0.6	5
20	Modulation of hepatic perfusion did not improve recovery from hepatic outflow obstruction. <i>BMC Pharmacology & Toxicology</i> , 2017, 18, 50.	1.0	5
21	Towards Interactive Breast Tumor Classification Using Transfer Learning. <i>Lecture Notes in Computer Science</i> , 2018, , 727-736.	1.0	5
22	Evaluating generic AutoML tools for computational pathology. <i>Informatics in Medicine Unlocked</i> , 2022, 29, 100853.	1.9	5
23	A fast and robust hepatocyte quantification algorithm including vein processing. <i>BMC Bioinformatics</i> , 2010, 11, 124.	1.2	4
24	Size of portally deprived liver lobe after portal vein ligation and additional partial hepatectomy: Result of balancing proliferation and apoptosis. <i>Scientific Reports</i> , 2020, 10, 4893.	1.6	4
25	A generic nuclei detection method for histopathological breast images. <i>Proceedings of SPIE</i> , 2016, , .	0.8	3
26	Additional partial hepatectomy at the time of portal vein ligation accelerates the regeneration of the future liver remnant. <i>Scientific Reports</i> , 2021, 11, 11740.	1.6	3
27	EMPAIA App interface: An open and vendor-neutral interface for AI applications in pathology. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 215, 106596.	2.6	3
28	A robust and extendable framework towards fully automated diagnosis of nonmass lesions in breast DCE-MRI. , 2014, , .		1
29	Object-Based Boundary Properties. <i>Informatik Aktuell</i> , 2013, , 199-204.	0.4	1
30	Concepts for Efficient and Reliable Multi-modal Breast Image Reading. <i>Lecture Notes in Computer Science</i> , 2010, , 121-128.	1.0	0