AndrÃ© Homeyer

List of Publications by Year
in descending order

30 papers	817 citations	759233 12 h-index	501196 28 g-index
30 all docs	30 docs citations	30 times ranked	1480 citing authors

#	Article	IF	Citations
1	EMPAIA App interface: An open and vendor-neutral interface for AI applications in pathology. Computer Methods and Programs in Biomedicine, 2022, 215, 106596.	4.7	3
2	Evaluating generic AutoML tools for computational pathology. Informatics in Medicine Unlocked, 2022, 29, 100853.	3.4	5
3	Artificial Intelligence in Pathology: From Prototype to Product. Journal of Pathology Informatics, 2021, 12, 13.	1.7	20
4	NCI Imaging Data Commons. Cancer Research, 2021, 81, 4188-4193.	0.9	28
5	Additional partial hepatectomy at the time of portal vein ligation accelerates the regeneration of the future liver remnant. Scientific Reports, 2021, 11, 11740.	3.3	3
6	Size of portally deprived liver lobe after portal vein ligation and additional partial hepatectomy: Result of balancing proliferation and apoptosis. Scientific Reports, 2020, 10, 4893.	3.3	4
7	Automated density-based counting of FISH amplification signals for HER2 status assessment. Computer Methods and Programs in Biomedicine, 2019, 173, 77-85.	4.7	14
8	Data-Driven Discovery of Immune Contexture Biomarkers. Frontiers in Oncology, 2018, 8, 627.	2.8	29
9	Deep learning nuclei detection: A simple approach can deliver state-of-the-art results. Computerized Medical Imaging and Graphics, 2018, 70, 43-52.	5.8	62
10	Focused scores enable reliable discrimination of small differences in steatosis. Diagnostic Pathology, 2018, 13, 76.	2.0	7
11	Towards Interactive Breast Tumor Classification Using Transfer Learning. Lecture Notes in Computer Science, 2018, , 727-736.	1.3	5
12	Modulation of hepatic perfusion did not improve recovery from hepatic outflow obstruction. BMC Pharmacology & Toxicology, 2017, 18, 50.	2.4	5
13	Automated quantification of steatosis: agreement with stereological point counting. Diagnostic Pathology, 2017, 12, 80.	2.0	15
14	Training Nuclei Detection Algorithms with Simple Annotations. Journal of Pathology Informatics, 2017, 8, 21.	1.7	8
15	One Size Fits All. Applied Immunohistochemistry and Molecular Morphology, 2016, 24, 1-10.	1.2	8
16	Intrahepatic Size Regulation in a Surgical Model: Liver Resection-Induced Liver Regeneration Counteracts the Local Atrophy following Simultaneous Portal Vein Ligation. European Surgical Research, 2016, 57, 125-137.	1.3	5
17	A generic nuclei detection method for histopathological breast images. Proceedings of SPIE, 2016, , .	0.8	3
18	Zonated quantification of steatosis in an entire mouse liver. Computers in Biology and Medicine, 2016, 73, 108-118.	7.0	39

#	Article	IF	Citations
19	Stain Specific Standardization of Whole-Slide Histopathological Images. IEEE Transactions on Medical Imaging, 2016, 35, 404-415.	8.9	218
20	Fast and accurate identification of fat droplets in histological images. Computer Methods and Programs in Biomedicine, 2015, 121, 59-65.	4.7	13
21	Neural elements behind the hepatoprotection of remote perconditioning. Journal of Surgical Research, 2015, 193, 642-651.	1.6	19
22	Zooming in: high resolution 3D reconstruction of differently stained histological whole slide images. Proceedings of SPIE, 2014, , .	0.8	6
23	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.	6.3	12
24	A robust and extendable framework towards fully automated diagnosis of nonmass lesions in breast DCE-MRI. , 2014, , .		1
25	Practical quantification of necrosis in histological whole-slide images. Computerized Medical Imaging and Graphics, 2013, 37, 313-322.	5.8	27
26	Object-Based Boundary Properties. Informatik Aktuell, 2013, , 199-204.	0.6	1
27	A comparison of sampling strategies for histological image analysis. Journal of Pathology Informatics, 2012, 2, 11.	1.7	12
28	Medical Image Analysis. IEEE Pulse, 2011, 2, 60-70.	0.3	241
29	A fast and robust hepatocyte quantification algorithm including vein processing. BMC Bioinformatics, 2010, 11, 124.	2.6	4
30	Concepts for Efficient and Reliable Multi-modal Breast Image Reading. Lecture Notes in Computer Science, 2010, , 121-128.	1.3	0