

Benoit Magnin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

945
citations

840776

11
h-index

794594

19
g-index

27
all docs

27
docs citations

27
times ranked

1462
citing authors

#	ARTICLE	IF	CITATIONS
1	Support vector machine-based classification of Alzheimer's disease from whole-brain anatomical MRI. <i>Neuroradiology</i> , 2009, 51, 73-83.	2.2	409
2	Discrimination between Alzheimer Disease, Mild Cognitive Impairment, and Normal Aging by Using Automated Segmentation of the Hippocampus. <i>Radiology</i> , 2008, 248, 194-201.	7.3	233
3	Comparative Study of MRI Biomarkers in the Substantia Nigra to Discriminate Idiopathic Parkinson Disease. <i>American Journal of Neuroradiology</i> , 2018, 39, 1460-1467.	2.4	51
4	Automatic segmentation methods for liver and hepatic vessels from CT and MRI volumes, applied to the Couinaud scheme. <i>Computers in Biology and Medicine</i> , 2019, 110, 42-51.	7.0	42
5	Transmural healing and MRI healing are associated with lower risk of bowel damage progression than endoscopic mucosal healing in Crohn's disease. <i>Alimentary Pharmacology and Therapeutics</i> , 2021, 53, 577-586.	3.7	35
6	Multimodal Magnetic Resonance Imaging Quantification of Brain Changes in Progressive Supranuclear Palsy. <i>Movement Disorders</i> , 2020, 35, 161-170.	3.9	31
7	Faecal calprotectin and magnetic resonance imaging in detecting Crohn's disease endoscopic postoperative recurrence. <i>World Journal of Gastroenterology</i> , 2018, 24, 641-650.	3.3	25
8	Shear wave elastography safety in fetus: A quantitative health risk assessment. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 519-524.	3.2	21
9	Quantification of steatosis in alcoholic and nonalcoholic fatty liver disease: Evaluation of four MR techniques versus biopsy. <i>European Journal of Radiology</i> , 2019, 118, 169-174.	2.6	17
10	Use of Augmented Reality in Gynecologic Surgery to Visualize Adenomyomas. <i>Journal of Minimally Invasive Gynecology</i> , 2019, 26, 1177-1180.	0.6	13
11	Identification of Atrophy Patterns in Alzheimer's Disease Based on SVM Feature Selection and Anatomical Parcellation. <i>Lecture Notes in Computer Science</i> , 2008, , 124-132.	1.3	13
12	Prediction of recurrence after surgery in colorectal cancer patients using radiomics from diagnostic contrast-enhanced computed tomography: a two-center study. <i>European Radiology</i> , 2022, 32, 405-414.	4.5	11
13	A robust multi-variability model based liver segmentation algorithm for CT-scan and MRI modalities. <i>Computerized Medical Imaging and Graphics</i> , 2019, 76, 101635.	5.8	9
14	Medical Image Processing and Numerical Simulation for Digital Hepatic Parenchymal Blood Flow. <i>Lecture Notes in Computer Science</i> , 2017, , 99-108.	1.3	9
15	A parallel framework for HCC detection in DCE-MRI sequences with wavelet-based description and SVM classification. , 2018, , .		7
16	Augmented Reality with Diffusion Tensor Imaging and Tractography during Laparoscopic Myomectomies. <i>Journal of Minimally Invasive Gynecology</i> , 2020, 27, 973-976.	0.6	7
17	Gastric Pneumatosis with Portal Venous Gas can be Treated Nonoperatively: A Retrospective Multi-institutional Study. <i>World Journal of Surgery</i> , 2022, 46, 784-790.	1.6	5
18	Bicuspid and tricuspid aortic valve do not have the same ascending aorta morphology. <i>Clinical Anatomy</i> , 2018, 31, 693-697.	2.7	4

#	ARTICLE	IF	CITATIONS
19	Metastatic melanoma treated by immunotherapy: discovering prognostic markers from radiomics analysis of pretreatment CT with feature selection and classification. International Journal of Computer Assisted Radiology and Surgery, 2022, 17, 1867-1877.	2.8	2
20	The role of computed tomography in adrenal gland infarction diagnosis during pregnancy: Two case reports. JMV-Journal De Medecine Vasculaire, 2021, 46, 28-31.	0.2	1
21	Mandible extensive intra osseous destructive lesion, a diagnostic challenge. Journal of Stomatology, Oral and Maxillofacial Surgery, 2020, 121, 445-449.	1.3	0
22	Douleurs abdominales aiguës, non obstétricales, chez la femme enceinte: place de l'imagerie. Imagerie De La Femme, 2021, 31, 145-145.	0.0	0
23	Tumeur de la granulosa sécrétant de la testostérone. Imagerie De La Femme, 2020, 30, 186-188.	0.0	0
24	The 3D Slicer RVXLiverSegmentation plug-in for interactive liver anatomy reconstruction from medical images. Journal of Open Source Software, 2022, 7, 3920.	4.6	0