

Gabriela Hossu

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

1,127
citations

489802

18
h-index

563245

28
g-index

81
all docs

81
docs citations

81
times ranked

1861
citing authors

#	ARTICLE	IF	CITATIONS
1	^{>18</sup>F-FDOPA PET for the Noninvasive Prediction of Glioma Molecular Parameters: A Radiomics Study. <i>Journal of Nuclear Medicine</i>, 2022, 63, 147-157.}	2.8	28
2	Magnetic Resonance Elastography for Assessing Fibrosis in Patients with Crohn's Disease: A Pilot Study. <i>Digestive Diseases and Sciences</i> , 2022, 67, 4518-4524.	1.1	14
3	Intracerebral electrical stimulation of the right anterior fusiform gyrus impairs human face identity recognition. <i>NeuroImage</i> , 2022, 250, 118932.	2.1	15
4	Functional MRI-based study of emotional experience in patients with psychogenic non-epileptic seizures: Protocol for an observational case-control study—the EMOCRISES study. <i>PLoS ONE</i> , 2022, 17, e0262216.	1.1	4
5	Prospective Paired Comparison of 123I-FP-CIT SPECT Images Obtained With a 360°-CZT and a Conventional Camera. <i>Clinical Nuclear Medicine</i> , 2022, 47, 14-20.	0.7	6
6	Imaging assessment of dorsal scaphoid displacement in patients with scapholunate ligament tears: what is the best option for quantitative assessment?. <i>European Radiology</i> , 2022, 32, 3121-3130.	2.3	4
7	Case Report: Atonic PNES Capture in fMRI. <i>Frontiers in Neurology</i> , 2022, 13, 803145.	1.1	0
8	Kinematic 4D CT case-control study of wrist in dart throwing motion—in vivo—comparison with other maneuvers. <i>European Radiology</i> , 2022, , 1.	2.3	3
9	Effect of emergent carotid stenting during endovascular therapy for acute anterior circulation stroke patients with tandem occlusion: A multicenter, randomized, clinical trial (TITAN) protocol. <i>International Journal of Stroke</i> , 2021, 16, 342-348.	2.9	41
10	Do the upper lateral nasal cartilages exist? The concept of septolateral cartilages. <i>European Annals of Otorhinolaryngology, Head and Neck Diseases</i> , 2021, 138, 77-81.	0.4	12
11	Evaluation of Dorsal Subluxation of the Scaphoid in Patients With Scapholunate Ligament Tears: A 4D CT Study. <i>American Journal of Roentgenology</i> , 2021, 216, 141-149.	1.0	4
12	Predictive factors of functional independence after optimal reperfusion in anterior circulation ischaemic stroke with indication for intravenous thrombolysis plus mechanical thrombectomy. <i>European Journal of Neurology</i> , 2021, 28, 141-151.	1.7	6
13	Synthetic MRI is not yet ready for morphologic and functional assessment of patellar cartilage at 1.5 Tesla. <i>Diagnostic and Interventional Imaging</i> , 2021, 102, 181-187.	1.8	6
14	Evaluation of Dorsal Scaphoid Displacement Using Posterior Radioscaphoid Angle in Patients With Suspected Scapholunate Instability: A Preliminary Study. <i>Journal of Hand Surgery</i> , 2021, 46, 10-16.	0.7	4
15	Assessing the neuroanatomy knowledge and spatial ability of radiotherapy technologist undergraduates using an interactive volumetric simulation tool—the RadioLOG project. <i>European Radiology</i> , 2021, 31, 2132-2143.	2.3	0
16	In vivo characterization of physiological and metabolic changes related to isocitrate dehydrogenase 1 mutation expression by multiparametric MRI and MRS in a rat model with orthotopically grafted human-derived glioblastoma cell lines. <i>NMR in Biomedicine</i> , 2021, 34, e4490.	1.6	5
17	Solitary bone tumor imaging reporting and data system (BTI-RADS): initial assessment of a systematic imaging evaluation and comprehensive reporting method. <i>European Radiology</i> , 2021, 31, 7637-7652.	2.3	12
18	Direct transfer to angiosuite for patients with severe acute stroke treated with thrombectomy: the multicentre randomised controlled DIRECT ANGIO trial protocol. <i>BMJ Open</i> , 2021, 11, e040522.	0.8	10

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19	Recommandations pour la mise en place d'études multicentriques avec IRM. Journal D'imagerie Diagnostique Et Interventionnelle, 2021, , .	0.0	0
20	MR Imaging Biomarkers for Clinical Impairment and Disease Progression in Patients with Shoulder Adhesive Capsulitis: A Prospective Study. Journal of Clinical Medicine, 2021, 10, 3882.	1.0	2
21	Endovascular Therapy of Anterior Circulation Tandem Occlusions. Stroke, 2021, 52, 3097-3105.	1.0	48
22	Fetal biometry in ultrasound: A new approach to assess the long-term impact of simulation on learning patterns. Journal of Gynecology Obstetrics and Human Reproduction, 2021, 50, 102135.	0.6	3
23	Four-Dimensional CT Analysis of Dorsal Intercalated Segment Instability in patients with Suspected Scapholunate Instability. Journal of Wrist Surgery, 2021, 10, 234-240.	0.3	5
24	Effects of Carbidopa Premedication on 18F-FDOPA PET Imaging of Glioma: A Multiparametric Analysis. Cancers, 2021, 13, 5340.	1.7	6
25	Impact of Pretreatment Ischemic Location on Functional Outcome after Thrombectomy. Diagnostics, 2021, 11, 2038.	1.3	3
26	Evidence-based MR imaging follow-up strategy for desmoid-type fibromatosis. European Radiology, 2020, 30, 895-902.	2.3	14
27	Metal artifact reduction for intracranial projectiles on post mortem computed tomography. Diagnostic and Interventional Imaging, 2020, 101, 177-185.	1.8	8
28	Assessment of scapholunate instability with dynamic computed tomography. Journal of Hand Surgery: European Volume, 2020, 45, 375-382.	0.5	21
29	Intravoxel incoherent motion MRI for the initial characterization of non-fatty non-vascular soft tissue tumors. Diagnostic and Interventional Imaging, 2020, 101, 245-255.	1.8	4
30	First trimester screening for pre-eclampsia and intrauterine growth restriction using three-dimensional Doppler angiography (SPIRIT): protocol for a multicentre prospective study in nulliparous pregnant women. BMJ Open, 2020, 10, e037751.	0.8	3
31	The role of infarct location in patients with DWI-ASPECTS 0-5 acute stroke treated with thrombectomy. Neurology, 2020, 95, e3344-e3354.	1.5	16
32	French Vividness of Olfactory Imagery Questionnaire: A Potential Tool for Diagnosing Olfactory Loss by Assessing Olfactory Imagery?. Frontiers in Psychology, 2020, 11, 606667.	1.1	3
33	Longer Duration of Hypertension and MRI Microvascular Brain Alterations Are Associated with Lower Hippocampal Volumes in Older Individuals with Hypertension. Journal of Alzheimer's Disease, 2020, 74, 227-235.	1.2	19
34	Prospective assessment of reproducibility of three-dimensional ultrasound for fetal biometry. Diagnostic and Interventional Imaging, 2020, 101, 481-487.	1.8	5
35	Effect of workflow metrics on clinical outcomes of low diffusion-weighted imaging Alberta Stroke Program Early Computed Tomography Score (DWI-ASPECTS) patients subjected to mechanical thrombectomy. Journal of NeuroInterventional Surgery, 2020, 12, 742-746.	2.0	5
36	Correlation between tumor growth and hormonal therapy with MR signal characteristics of desmoid-type fibromatosis: A preliminary study. Diagnostic and Interventional Imaging, 2019, 100, 47-55.	1.8	11

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37	Full model-based iterative reconstruction (MBIR) in abdominal CT increases objective image quality, but decreases subjective acceptance. <i>European Radiology</i> , 2019, 29, 4016-4025.	2.3	42
38	Comparison between subtalar joint quantitative kinematic 4-D CT parameters in healthy volunteers and patients with joint stiffness or chronic ankle instability: A preliminary study. <i>European Journal of Radiology</i> , 2019, 114, 76-84.	1.2	12
39	Acute Stroke With Large Ischemic Core Treated by Thrombectomy. <i>Stroke</i> , 2019, 50, 1164-1171.	1.0	67
40	Impact of Emergent Cervical Carotid Stenting in Tandem Occlusion Strokes Treated by Thrombectomy: A Review of the TITAN Collaboration. <i>Frontiers in Neurology</i> , 2019, 10, 206.	1.1	68
41	Optimization of Fetal Biometry With 3D Ultrasound and Image Recognition (EPICEA): protocol for a prospective cross-sectional study. <i>BMJ Open</i> , 2019, 9, e031777.	0.8	3
42	Assessment of uteroplacental vascularisation in early first-trimester pregnancy with contrast-enhanced ultrasound and 3D power Doppler angiography: protocol for a prospective, cross-sectional, multicentre and non-randomised open study (â€œHOPE Studyâ€). <i>BMJ Open</i> , 2019, 9, e030353.	0.8	11
43	Cross-sectional variations of white and grey matter in older hypertensive patients with subjective memory complaints. <i>NeuroImage: Clinical</i> , 2018, 17, 804-810.	1.4	7
44	A face identity hallucination (palinopsia) generated by intracerebral stimulation of the face-selective right lateral fusiform cortex. <i>Cortex</i> , 2018, 99, 296-310.	1.1	41
45	Pretreatment lesional volume impacts clinical outcome and thrombectomy efficacy. <i>Annals of Neurology</i> , 2018, 83, 178-185.	2.8	45
46	Impact of microvascular obstruction on left ventricular local remodeling after reperfused myocardial infarction. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 499-510.	1.9	10
47	A guide for effective anatomical vascularization studies: useful <i>ex vivo</i> methods for both CT and MRI imaging before dissection. <i>Journal of Anatomy</i> , 2018, 232, 15-25.	0.9	13
48	Added Value of Bone Subtraction in Dual-energy Digital Radiography in the Detection of Pneumothorax. <i>Academic Radiology</i> , 2018, 25, 82-87.	1.3	8
49	Contrast-Enhanced 3-T Perfusion MRI With Quantitative Analysis for the Characterization of Musculoskeletal Tumors: Is It Worth the Trouble?. <i>American Journal of Roentgenology</i> , 2018, 211, 1092-1098.	1.0	18
50	Artificial intelligence assistance for fetal head biometry: Assessment of automated measurement software. <i>Diagnostic and Interventional Imaging</i> , 2018, 99, 709-716.	1.8	42
51	A radioanatomical correlation study of the cisterna chyli. <i>Journal of Anatomy</i> , 2018, 233, 679-684.	0.9	4
52	Radiology resident MR and CT image analysis skill assessment using an interactive volumetric simulation tool â€” the RadioLOG project. <i>European Radiology</i> , 2017, 27, 878-887.	2.3	6
53	Evidence-based recommendations for musculoskeletal kinematic 4D-CT studies using wide area-detector scanners: a phantom study with cadaveric correlation. <i>European Radiology</i> , 2017, 27, 437-446.	2.3	26
54	Effectiveness of an Integrated Video Recording and Replaying System in Robotic Surgical Training. <i>Annals of Surgery</i> , 2017, 265, 521-526.	2.1	20

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55	“Alarm-corrected” ergonomic armrest use could improve learning curves of novices on robotic simulator. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2017, 31, 100-106.	1.3	13
56	Qualitative 3-T Proton MR Spectroscopy for the Characterization of Musculoskeletal Neoplasms: Update on Diagnostic Performance and Indications. <i>American Journal of Roentgenology</i> , 2017, 208, 1312-1319.	1.0	15
57	Development of a biometric method to estimate age on hand radiographs. <i>Forensic Science International</i> , 2017, 271, 113-119.	1.3	9
58	Protocol optimization of sacroiliac joint MR Imaging at 3 Tesla: Impact of coil design and motion resistant sequences on image quality. <i>Diagnostic and Interventional Imaging</i> , 2017, 98, 865-871.	1.8	3
59	Quantitative analysis of scapholunate diastasis using stress speckle-tracking sonography: a proof-of-concept and feasibility study. <i>European Radiology</i> , 2017, 27, 5344-5351.	2.3	4
60	Aortic compliance variation in long male distance triathletes: A new insight into the athlete’s artery?. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 539-542.	0.6	12
61	Utero-placental vascularisation in normal and preeclamptic and intra-uterine growth restriction pregnancies: third trimester quantification using 3D power Doppler with comparison to placental vascular morphology (EVUPA): a prospective controlled study. <i>BMJ Open</i> , 2016, 6, e009909.	0.8	18
62	Optimizing z-axis coverage of abdominal CT scans of the urinary tract: a proposed alternative proximal landmark for acquisition planning. <i>British Journal of Radiology</i> , 2016, 89, 20160197.	1.0	2
63	The Face-Processing Network Is Resilient to Focal Resection of Human Visual Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 8425-8440.	1.7	49
64	Grey-Matter Metabolism in Relation with White-Matter Lesions in Older Hypertensive Patients with Subjective Memory Complaints: A Pilot Voxel-Based Analysis Study. <i>Cerebrovascular Diseases</i> , 2016, 42, 106-109.	0.8	8
65	Temporal epilepsy lesions may be detected by the voxel-based quantitative analysis of brain FDG-PET images using an original block-matching normalization software. <i>Annals of Nuclear Medicine</i> , 2016, 30, 272-278.	1.2	5
66	MDCT features of hepatocellular carcinoma (HCC) in non-cirrhotic liver. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 355-360.	1.8	17
67	Central pulse pressure is a determinant of heart and brain remodeling in the elderly. <i>Journal of Hypertension</i> , 2015, 33, 1378-1385.	0.3	7
68	Age-related changes in FDG brain uptake are more accurately assessed when applying an adaptive template to the SPM method of voxel-based quantitative analysis. <i>Annals of Nuclear Medicine</i> , 2015, 29, 921-928.	1.2	19
69	Beyond the core face-processing network: Intracerebral stimulation of a face-selective area in the right anterior fusiform gyrus elicits transient prosopagnosia. <i>Cortex</i> , 2015, 72, 140-155.	1.1	72
70	Impact of ROI Positioning and Lesion Morphology on Apparent Diffusion Coefficient Analysis for the Differentiation Between Benign and Malignant Nonfatty Soft-Tissue Lesions. <i>American Journal of Roentgenology</i> , 2015, 205, W106-W113.	1.0	20
71	Diagnostic and prognostic value of MRI T2 quantification in heart transplant patients. <i>Transplant International</i> , 2014, 27, 69-76.	0.8	21
72	Bone Marrow Edema Pattern Identification in Patients With Lytic Bone Lesions Using Digital Subtraction Angiography—Like Bone Subtraction on Large-Area Detector Computed Tomography. <i>Investigative Radiology</i> , 2014, 49, 156-164.	3.5	12

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73	Influence of Calcium on Choline Measurements by 1H MR Spectroscopy of Thigh Muscles. European Radiology, 2014, 24, 1309-1319.	2.3	5
74	An automatic MRI quality control procedure: Multisite reports for slice thickness and geometric accuracy. Irbm, 2013, 34, 300-305.	3.7	4
75	Prior experience in micro€surgery may improve the surgeon's performance in robotic surgical training. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, 351-358.	1.2	9
76	In vivo characterization of the vestibulo-cochlear nerve motion by MRI. NeuroImage, 2012, 59, 943-949.	2.1	2
77	Effects of reactive oxygen species on metabolism monitored by longitudinal 1H single voxel MRS follow-up in patients with mitochondrial disease or cerebral tumors. Journal of Physics: Conference Series, 2011, 261, 012011.	0.3	2
78	Five-Year Longitudinal MRI Follow-up and 1H Single Voxel MRS in 14 Patients with Gliomatosis Treated with Temodal, Radiotherapy and Antiangiogenic Therapy. Neuroradiology Journal, 2011, 24, 401-414.	0.6	4