Gabriela Hossu

List of Publications by Year
in descending order

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78	1,127	430874	501196
papers	citations	18 h-index	28 g-index

81	81	81	1709
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Beyond the core face-processing network: Intracerebral stimulation of a face-selective area in the right anterior fusiform gyrus elicits transient prosopagnosia. Cortex, 2015, 72, 140-155.	2.4	72
2	Impact of Emergent Cervical Carotid Stenting in Tandem Occlusion Strokes Treated by Thrombectomy: A Review of the TITAN Collaboration. Frontiers in Neurology, 2019, 10, 206.	2.4	68
3	Acute Stroke With Large Ischemic Core Treated by Thrombectomy. Stroke, 2019, 50, 1164-1171.	2.0	67
4	The Face-Processing Network Is Resilient to Focal Resection of Human Visual Cortex. Journal of Neuroscience, 2016, 36, 8425-8440.	3.6	49
5	Endovascular Therapy of Anterior Circulation Tandem Occlusions. Stroke, 2021, 52, 3097-3105.	2.0	48
6	Pretreatment lesional volume impacts clinical outcome and thrombectomy efficacy. Annals of Neurology, 2018, 83, 178-185.	5.3	45
7	Artificial intelligence assistance for fetal head biometry: Assessment of automated measurement software. Diagnostic and Interventional Imaging, 2018, 99, 709-716.	3.2	42
8	Full model-based iterative reconstruction (MBIR) in abdominal CT increases objective image quality, but decreases subjective acceptance. European Radiology, 2019, 29, 4016-4025.	4.5	42
9	A face identity hallucination (palinopsia) generated by intracerebral stimulation of the face-selective right lateral fusiform cortex. Cortex, 2018, 99, 296-310.	2.4	41
10	Effect of emergent carotid stenting during endovascular therapy for acute anterior circulation stroke patients with tandem occlusion: A multicenter, randomized, clinical trial (TITAN) protocol. International Journal of Stroke, 2021, 16, 342-348.	5.9	41
11	¹⁸F-FDOPA PET for the Noninvasive Prediction of Glioma Molecular Parameters: A Radiomics Study. Journal of Nuclear Medicine, 2022, 63, 147-157.	5.0	28
12	Evidence-based recommendations for musculoskeletal kinematic 4D-CT studies using wide area-detector scanners: a phantom study with cadaveric correlation. European Radiology, 2017, 27, 437-446.	4.5	26
13	Diagnostic and prognostic value of MRI T2 quantification in heart transplant patients. Transplant International, 2014, 27, 69-76.	1.6	21
14	Assessment of scapholunate instability with dynamic computed tomography. Journal of Hand Surgery: European Volume, 2020, 45, 375-382.	1.0	21
15	Impact of ROI Positioning and Lesion Morphology on Apparent Diffusion Coefficient Analysis for the Differentiation Between Benign and Malignant Nonfatty Soft-Tissue Lesions. American Journal of Roentgenology, 2015, 205, W106-W113.	2.2	20
16	Effectiveness of an Integrated Video Recording and Replaying System in Robotic Surgical Training. Annals of Surgery, 2017, 265, 521-526.	4.2	20
17	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. Annals of Nuclear Medicine, 2015, 29, 921-928.	2.2	19
18	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.	2.6	19

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19	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. BMJ Open, 2016, 6, e009909.	1.9	18
20	Contrast-Enhanced 3-T Perfusion MRI With Quantitative Analysis for the Characterization of Musculoskeletal Tumors: Is It Worth the Trouble?. American Journal of Roentgenology, 2018, 211, 1092-1098.	2.2	18
21	MDCT features of hepatocellular carcinoma (HCC) in non-cirrhotic liver. Diagnostic and Interventional Imaging, 2016, 97, 355-360.	3.2	17
22	The role of infarct location in patients with DWI-ASPECTS 0â€“5 acute stroke treated with thrombectomy. Neurology, 2020, 95, e3344-e3354.	1.1	16
23	Qualitative 3-T Proton MR Spectroscopy for the Characterization of Musculoskeletal Neoplasms: Update on Diagnostic Performance and Indications. American Journal of Roentgenology, 2017, 208, 1312-1319.	2.2	15
24	Intracerebral electrical stimulation of the right anterior fusiform gyrus impairs human face identity recognition. NeuroImage, 2022, 250, 118932.	4.2	15
25	Evidence-based MR imaging follow-up strategy for desmoid-type fibromatosis. European Radiology, 2020, 30, 895-902.	4.5	14
26	Magnetic Resonance Elastography for Assessing Fibrosis in Patients with Crohnâ€™s Disease: A Pilot Study. Digestive Diseases and Sciences, 2022, 67, 4518-4524.	2.3	14
27	â€œAlarm-correctedâ€•ergonomic armrest use could improve learning curves of novices on robotic simulator. Surgical Endoscopy and Other Interventional Techniques, 2017, 31, 100-106.	2.4	13
28	A guide for effective anatomical vascularization studies: useful exÂvivo methods for both CT and MRI imaging before dissection. Journal of Anatomy, 2018, 232, 15-25.	1.5	13
29	Bone Marrow Edema Pattern Identification in Patients With Lytic Bone Lesions Using Digital Subtraction Angiographyâ€“Like Bone Subtraction on Large-Area Detector Computed Tomography. Investigative Radiology, 2014, 49, 156-164.	6.2	12
30	Aortic compliance variation in long male distance triathletes: A new insight into the athleteâ€™s artery?. Journal of Science and Medicine in Sport, 2017, 20, 539-542.	1.3	12
31	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. European Journal of Radiology, 2019, 114, 76-84.	2.6	12
32	Do the upper lateral nasal cartilages exist? The concept of septolateral cartilages. European Annals of Otorhinolaryngology, Head and Neck Diseases, 2021, 138, 77-81.	0.7	12
33	Solitary bone tumor imaging reporting and data system (BTI-RADS): initial assessment of a systematic imaging evaluation and comprehensive reporting method. European Radiology, 2021, 31, 7637-7652.	4.5	12
34	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.	3.2	11
35	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€). BMJ Open, 2019, 9, e030353.	1.9	11
36	Impact of microvascular obstruction on left ventricular local remodeling after reperfused myocardial infarction. Journal of Magnetic Resonance Imaging, 2018, 47, 499-510.	3.4	10

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37	Direct transfer to angiosuite for patients with severe acute stroke treated with thrombectomy: the multicentre randomised controlled DIRECT ANGIO trial protocol. BMJ Open, 2021, 11, e040522.	1.9	10
38	Prior experience in microâ€surgery may improve the surgeon's performance in robotic surgical training. International Journal of Medical Robotics and Computer Assisted Surgery, 2013, 9, 351-358.	2.3	9
39	Development of a biometric method to estimate age on hand radiographs. Forensic Science International, 2017, 271, 113-119.	2.2	9
40	Grey-Matter Metabolism in Relation with White-Matter Lesions in Older Hypertensive Patients with Subjective Memory Complaints: A Pilot Voxel-Based Analysis Study. Cerebrovascular Diseases, 2016, 42, 106-109.	1.7	8
41	Added Value of Bone Subtraction in Dual-energy Digital Radiography in the Detection of Pneumothorax. Academic Radiology, 2018, 25, 82-87.	2.5	8
42	Metal artifact reduction for intracranial projectiles on post mortem computed tomography. Diagnostic and Interventional Imaging, 2020, 101, 177-185.	3.2	8
43	Central pulse pressure is a determinant of heart and brain remodeling in the elderly. Journal of Hypertension, 2015, 33, 1378-1385.	0.5	7
44	Cross-sectional variations of white and grey matter in older hypertensive patients with subjective memory complaints. NeuroImage: Clinical, 2018, 17, 804-810.	2.7	7
45	Radiology resident MR and CT image analysis skill assessment using an interactive volumetric simulation tool â€“ the RadioLOG project. European Radiology, 2017, 27, 878-887.	4.5	6
46	Predictive factors of functional independence after optimal reperfusion in anterior circulation ischaemic stroke with indication for intravenous thrombolysis plus mechanical thrombectomy. European Journal of Neurology, 2021, 28, 141-151.	3.3	6
47	Synthetic MRI is not yet ready for morphologic and functional assessment of patellar cartilage at 1.5 Tesla. Diagnostic and Interventional Imaging, 2021, 102, 181-187.	3.2	6
48	Effects of Carbidopa Premedication on 18F-FDOPA PET Imaging of Glioma: A Multiparametric Analysis. Cancers, 2021, 13, 5340.	3.7	6
49	Prospective Paired Comparison of 123I-FP-CIT SPECT Images Obtained With a 360Â°-CZT and a Conventional Camera. Clinical Nuclear Medicine, 2022, 47, 14-20.	1.3	6
50	Influence of Calcium on Choline Measurements by 1H MR Spectroscopy of Thigh Muscles. European Radiology, 2014, 24, 1309-1319.	4.5	5
51	Temporal epilepsy lesions may be detected by the voxel-based quantitative analysis of brain FDG-PET images using an original block-matching normalization software. Annals of Nuclear Medicine, 2016, 30, 272-278.	2.2	5
52	Prospective assessment of reproducibility of three-dimensional ultrasound for fetal biometry. Diagnostic and Interventional Imaging, 2020, 101, 481-487.	3.2	5
53	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.	3.3	5
54	In vivo characterization of physiological and metabolic changes related to isocitrate dehydrogenase 1 mutation expcression by multiparametric MRI and MRS in a rat model with orthotopically grafted humanâ€derived glioblastoma cell lines. NMR in Biomedicine, 2021, 34, e4490.	2.8	5

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55	Four-Dimensional CT Analysis of Dorsal Intercalated Segment Instability in patients with Suspected Scapholunate Instability. Journal of Wrist Surgery, 2021, 10, 234-240.	0.7	5
56	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.	1.2	4
57	An automatic MRI quality control procedure: Multisite reports for slice thickness and geometric accuracy. Irbm, 2013, 34, 300-305.	5.6	4
58	Quantitative analysis of scapholunate diastasis using stress speckle-tracking sonography: a proof-of-concept and feasibility study. European Radiology, 2017, 27, 5344-5351.	4.5	4
59	A radioâ€anatomical correlation study of the cisterna chyli. Journal of Anatomy, 2018, 233, 679-684.	1.5	4
60	Intravoxel incoherent motion MRI for the initial characterization of non-fatty non-vascular soft tissue tumors. Diagnostic and Interventional Imaging, 2020, 101, 245-255.	3.2	4
61	Evaluation of Dorsal Subluxation of the Scaphoid in Patients With Scapholunate Ligament Tears: A 4D CT Study. American Journal of Roentgenology, 2021, 216, 141-149.	2.2	4
62	Evaluation of Dorsal Scaphoid Displacement Using Posterior Radioscaphoid Angle in Patients With Suspected Scapholunate Instability: AÂPreliminary Study. Journal of Hand Surgery, 2021, 46, 10-16.	1.6	4
63	Functional MRI-based study of emotional experience in patients with psychogenic non-epileptic seizures: Protocol for an observational case-control studyâ€“EMOCRISES study. PLoS ONE, 2022, 17, e0262216.	2.5	4
64	Imaging assessment of dorsal scaphoid displacement in patients with scapholunate ligament tears: what is the best option for quantitative assessment?. European Radiology, 2022, 32, 3121-3130.	4.5	4
65	Protocol optimization of sacroiliac joint MR Imaging at 3 Tesla: Impact of coil design and motion resistant sequences on image quality. Diagnostic and Interventional Imaging, 2017, 98, 865-871.	3.2	3
66	Optimization of Fetal Biometry With 3D Ultrasound and Image Recognition (EPICEA): protocol for a prospective cross-sectional study. BMJ Open, 2019, 9, e031777.	1.9	3
67	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.	1.9	3
68	French Vividness of Olfactory Imagery Questionnaire: A Potential Tool for Diagnosing Olfactory Loss by Assessing Olfactory Imagery?. Frontiers in Psychology, 2020, 11, 606667.	2.1	3
69	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.	1.3	3
70	Impact of Pretreatment Ischemic Location on Functional Outcome after Thrombectomy. Diagnostics, 2021, 11, 2038.	2.6	3
71	Kinematic 4D CT case-control study of wrist in dart throwing motion â€œin vivoâ€ comparison with other maneuvers. European Radiology, 2022, , 1.	4.5	3
72	Effects of reactive oxygen species on metabolism monitored by longitudinal1H single voxel MRS follow-up in patients with mitochondrial disease or cerebral tumors. Journal of Physics: Conference Series, 2011, 261, 012011.	0.4	2

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73	In vivo characterization of the vestibulo-cochlear nerve motion by MRI. NeuroImage, 2012, 59, 943-949.	4.2	2
74	Optimizing z-axis coverage of abdominal CT scans of the urinary tract: a proposed alternative proximal landmark for acquisition planning. British Journal of Radiology, 2016, 89, 20160197.	2.2	2
75	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.	2.4	2
76	Assessing the neuroanatomy knowledge and spatial ability of radiotherapy technologist undergraduates using an interactive volumetric simulation toolâ€"the RadioLOG project. European Radiology, 2021, 31, 2132-2143.	4.5	0
77	Recommandations pour la mise en place dâ€™Ã©tudes multicentriques avec IRM. Journal D'imagerie Diagnostique Et Interventionnelle, 2021, , .	0.0	0
78	Case Report: Atonic PNES Capture in fMRI. Frontiers in Neurology, 2022, 13, 803145.	2.4	0