

Janine Lupo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

55
papers

1,398
citations

21
h-index

36
g-index

59
ext. papers

1,721
ext. citations

3.4
avg. IF

4.59
L-index

#	Paper	IF	Citations
55	Comparison of quantitative susceptibility mapping methods on evaluating radiation-induced cerebral microbleeds and basal ganglia at 3T and 7T.. <i>NMR in Biomedicine</i> , 2022 , e4666	4.4	0
54	Pilot Study of Hyperpolarized C Metabolic Imaging in Pediatric Patients with Diffuse Intrinsic Pontine Glioma and Other CNS Cancers. <i>American Journal of Neuroradiology</i> , 2021 , 42, 178-184	4.4	4
53	Improving the noninvasive classification of glioma genetic subtype with deep learning and diffusion-weighted imaging. <i>Neuro-Oncology</i> , 2021 ,	1	2
52	Relationship between 7T MR-angiography features of vascular injury and cognitive decline in young brain tumor patients treated with radiation therapy. <i>Journal of Neuro-Oncology</i> , 2021 , 153, 143-152	4.8	1
51	Rate of radiation-induced microbleed formation on 7T MRI relates to cognitive impairment in young patients treated with radiation therapy for a brain tumor. <i>Radiotherapy and Oncology</i> , 2021 , 154, 145-153	5.3	3
50	7-T Magnetic Resonance Imaging in the Management of Brain Tumors. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2021 , 29, 83-102	1.6	3
49	Simultaneous multi-slice spin- and gradient-echo dynamic susceptibility-contrast perfusion-weighted MRI of gliomas. <i>NMR in Biomedicine</i> , 2021 , 34, e4399	4.4	4
48	Baseline Characteristics of Patients With Cavernous Angiomas With Symptomatic Hemorrhage in Multisite Trial Readiness Project. <i>Stroke</i> , 2021 , 52, 3829-3838	6.7	1
47	A Fully Automated Method for Segmenting Arteries and Quantifying Vessel Radii on Magnetic Resonance Angiography Images of Varying Projection Thickness. <i>Frontiers in Neuroscience</i> , 2020 , 14, 537 ^{5.1}	5.1	3
46	Characterization of serial hyperpolarized C metabolic imaging in patients with glioma. <i>NeuroImage: Clinical</i> , 2020 , 27, 102323	5.3	18
45	Treatment-induced lesions in newly diagnosed glioblastoma patients undergoing chemoradiotherapy and heat-shock protein vaccine therapy. <i>Journal of Neuro-Oncology</i> , 2020 , 146, 71-78 ^{4.8}	4.8	4
44	QSMGAN: Improved Quantitative Susceptibility Mapping using 3D Generative Adversarial Networks with increased receptive field. <i>NeuroImage</i> , 2020 , 207, 116389	7.9	21
43	Centrally Reduced Diffusion Sign for Differentiation between Treatment-Related Lesions and Glioma Progression: A Validation Study. <i>American Journal of Neuroradiology</i> , 2020 , 41, 2049-2054	4.4	3
42	Recurrent tumor and treatment-induced effects have different MR signatures in contrast enhancing and non-enhancing lesions of high-grade gliomas. <i>Neuro-Oncology</i> , 2020 , 22, 1516-1526	1	2
41	Technical Note: Simultaneous segmentation and relaxometry for MRI through multitask learning. <i>Medical Physics</i> , 2019 , 46, 4610-4621	4.4	2
40	Risk factors of radiotherapy-induced cerebral microbleeds and serial analysis of their size compared with white matter changes: A 7T MRI study in 113 adult patients with brain tumors. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 50, 868-877	5.6	15
39	NIMG-42. RECURRENT TUMOR AND TREATMENT-INDUCED EFFECTS HAVE DIFFERENT MR SIGNATURES IN CONTRAST ENHANCING AND NON-ENHANCING LESIONS OF HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi170-vi170	1	78

38	NIMG-45. 3D SINGLE-SCAN FOR MULTI-CONTRAST-WEIGHTED MRI FOR LESION DETECTION IN PATIENTS WITH GLIOMAS. <i>Neuro-Oncology</i> , 2019 , 21, vi171-vi171	1	78
37	NIMG-56. A MULTIMODAL 7 TELS MRI INVESTIGATION OF LONG-TERM EFFECTS OF RADIOTHERAPY ON THE ADOLESCENT BRAIN & COGNITION. <i>Neuro-Oncology</i> , 2019 , 21, vi173-vi174	1	1
36	GENE-47. A 3D ATLAS TO EVALUATE THE SPATIAL PATTERNING OF GENETIC ALTERATIONS AND TUMOR CELL STATES IN GLIOMA. <i>Neuro-Oncology</i> , 2019 , 21, vi107-vi108	1	78
35	NIMG-51. THE CENTRALLY RESTRICTED DIFFUSION SIGN FOR DIFFERENTIATION BETWEEN TREATMENT-RELATED LESIONS AND TUMOR PROGRESSION IN GLIOMA PATIENTS: A VALIDATION STUDY. <i>Neuro-Oncology</i> , 2019 , 21, vi172-vi172	1	78
34	Correlation of Tumor Perfusion Between Carbon-13 Imaging with Hyperpolarized Pyruvate and Dynamic Susceptibility Contrast MRI in Pre-Clinical Model of Glioblastoma. <i>Molecular Imaging and Biology</i> , 2019 , 21, 626-632	3.8	3
33	Machine Learning in Neurooncology Imaging: From Study Request to Diagnosis and Treatment. <i>American Journal of Roentgenology</i> , 2019 , 212, 52-56	5.4	11
32	Toward Automatic Detection of Radiation-Induced Cerebral Microbleeds Using a 3D Deep Residual Network. <i>Journal of Digital Imaging</i> , 2019 , 32, 766-772	5.3	19
31	A user-guided tool for semi-automated cerebral microbleed detection and volume segmentation: Evaluating vascular injury and data labelling for machine learning. <i>NeuroImage: Clinical</i> , 2018 , 20, 498-505	5.3	16
30	PATH-08. THE IVY GLIOBLASTOMA PATIENT ATLAS - A NOVEL CLINICAL AND RADIO-GENOMICS RESOURCE FOR EARLY PHASE CLINICAL TRIAL DESIGN AND INTERPRETATION. <i>Neuro-Oncology</i> , 2018 , 20, vi159-vi159	1	78
29	A comparison of coil combination strategies in 3D multi-channel MRSI reconstruction for patients with brain tumors. <i>NMR in Biomedicine</i> , 2018 , 31, e3929	4.4	7
28	RTHP-21. CHARACTERIZATION OF RADIATION THERAPY EFFECTS ON CEREBRAL VASCULATURE IN PEDIATRIC BRAIN TUMOR SURVIVORS. <i>Neuro-Oncology</i> , 2018 , 20, vi229-vi229	1	2
27	NIMG-11. DIFFERENTIATING TREATMENT-INDUCED EFFECTS FROM TRUE RECURRENT HIGH GRADE GLIOMA USING MULTIPARAMETRIC MRI TECHNIQUES. <i>Neuro-Oncology</i> , 2018 , 20, vi177-vi178	1	78
26	Investigating tumor perfusion by hyperpolarized C MRI with comparison to conventional gadolinium contrast-enhanced MRI and pathology in orthotopic human GBM xenografts. <i>Magnetic Resonance in Medicine</i> , 2017 , 77, 841-847	4.4	7
25	Automated algorithm for counting microbleeds in patients with familial cerebral cavernous malformations. <i>Neuroradiology</i> , 2017 , 59, 685-690	3.2	5
24	Relationship between radiation dose and microbleed formation in patients with malignant glioma. <i>Radiation Oncology</i> , 2017 , 12, 126	4.2	16
23	Identifying Voxels at Risk for Progression in Glioblastoma Based on Dosimetry, Physiologic and Metabolic MRI. <i>Radiation Research</i> , 2017 , 188, 303-313	3.1	8
22	Probing the phosphatidylinositol 3-kinase/mammalian target of rapamycin pathway in gliomas: A phase 2 study of everolimus for recurrent adult low-grade gliomas. <i>Cancer</i> , 2017 , 123, 4631-4639	6.4	24
21	Characterization of Metabolic, Diffusion, and Perfusion Properties in GBM: Contrast-Enhancing versus Non-Enhancing Tumor. <i>Translational Oncology</i> , 2017 , 10, 895-903	4.9	9

20	Serial analysis of 3D H-1 MRSI for patients with newly diagnosed GBM treated with combination therapy that includes bevacizumab. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 171-179	4.8	19
19	Presence of cerebral microbleeds is associated with worse executive function in pediatric brain tumor survivors. <i>Neuro-Oncology</i> , 2016 , 18, 1548-1558	1	28
18	Magnetic resonance analysis of malignant transformation in recurrent glioma. <i>Neuro-Oncology</i> , 2016 , 18, 1169-79	1	24
17	The effects of anti-angiogenic therapy on the formation of radiation-induced microbleeds in normal brain tissue of patients with glioma. <i>Neuro-Oncology</i> , 2016 , 18, 87-95	1	25
16	RO-02CEREBRAL MICROBLEEDS ARE ASSOCIATED WITH WORSE EXECUTIVE FUNCTION IN PEDIATRIC BRAIN TUMOR SURVIVORS. <i>Neuro-Oncology</i> , 2016 , 18, iii159.2-iii159	1	19
15	NIMG-43. APPLICATION OF AN ADVANCED DIFFUSION-WEIGHTED MRI TECHNIQUE TO CHARACTERIZE GLIOMA MICROSTRUCTURE AND RELATIONSHIP TO HISTOPATHOLOGY. <i>Neuro-Oncology</i> , 2016 , 18, vi134-vi134	1	
14	Clinically feasible NODDI characterization of glioma using multiband EPI at 7 T. <i>NeuroImage: Clinical</i> , 2015 , 9, 291-9	5.3	53
13	Association of Diffusion and Anatomic Imaging Parameters with Survival for Patients with Newly Diagnosed Glioblastoma Participating in Two Different Clinical Trials. <i>Translational Oncology</i> , 2015 , 8, 446-55	4.9	1
12	Simultaneous imaging of radiation-induced cerebral microbleeds, arteries and veins, using a multiple gradient echo sequence at 7 Tesla. <i>Journal of Magnetic Resonance Imaging</i> , 2015 , 42, 269-79	5.6	16
11	Susceptibility-weighted MR imaging of radiation therapy-induced cerebral microbleeds in patients with glioma: a comparison between 3T and 7T. <i>Neuroradiology</i> , 2014 , 56, 91-6	3.2	55
10	Computer-aided detection of radiation-induced cerebral microbleeds on susceptibility-weighted MR images. <i>NeuroImage: Clinical</i> , 2013 , 2, 282-90	5.3	57
9	Using susceptibility-weighted imaging to determine response to combined anti-angiogenic, cytotoxic, and radiation therapy in patients with glioblastoma multiforme. <i>Neuro-Oncology</i> , 2013 , 15, 480-9	1	17
8	Survival analysis in patients with newly diagnosed glioblastoma using pre- and postradiotherapy MR spectroscopic imaging. <i>Neuro-Oncology</i> , 2013 , 15, 607-17	1	50
7	7-Tesla susceptibility-weighted imaging to assess the effects of radiotherapy on normal-appearing brain in patients with glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 82, e493-500	4	66
6	Advances in ultra-high field MRI for the clinical management of patients with brain tumors. <i>Current Opinion in Neurology</i> , 2011 , 24, 605-15	7.1	29
5	Analysis of hyperpolarized dynamic ¹³ C lactate imaging in a transgenic mouse model of prostate cancer. <i>Magnetic Resonance Imaging</i> , 2010 , 28, 153-62	3.3	44
4	GRAPPA-based susceptibility-weighted imaging of normal volunteers and patients with brain tumor at 7 T. <i>Magnetic Resonance Imaging</i> , 2009 , 27, 480-8	3.3	36
3	Multiparametric characterization of grade 2 glioma subtypes using magnetic resonance spectroscopic, perfusion, and diffusion imaging. <i>Translational Oncology</i> , 2009 , 2, 271-80	4.9	29

2	Feasibility of dynamic susceptibility contrast perfusion MR imaging at 3T using a standard quadrature head coil and eight-channel phased-array coil with and without SENSE reconstruction. <i>Journal of Magnetic Resonance Imaging</i> , 2006 , 24, 520-9	5.6	26
1	Dynamic susceptibility-weighted perfusion imaging of high-grade gliomas: characterization of spatial heterogeneity. <i>American Journal of Neuroradiology</i> , 2005 , 26, 1446-54	4.4	119