

Andrea Romano

List of Publications by Year in descending order

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Version: 2024-02-01

73
papers

2,669
citations

257450

24
h-index

189892

50
g-index

76
all docs

76
docs citations

76
times ranked

3680
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic radiosurgery for brain metastases: analysis of outcome and risk of brain radionecrosis. <i>Radiation Oncology</i> , 2011, 6, 48.	2.7	600
2	Single-Fraction Versus Multifraction (3 Å– 9ÂGy) Stereotactic Radiosurgery for Large (>2Âcm) Brain Metastases: A Comparative Analysis of Local Control and Risk of Radiation-Induced Brain Necrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1142-1148.	0.8	344
3	Magnetic resonance imaging contribution for diagnosing symptomatic neurovascular contact in classical trigeminal neuralgia: A blinded case-control study and meta-analysis. <i>Pain</i> , 2014, 155, 1464-1471.	4.2	149
4	Accuracy of F-DOPA PET and perfusion-MRI for differentiating radionecrotic from progressive brain metastases after radiosurgery. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 103-111.	6.4	128
5	Pre-surgical planning and MR-tractography utility in brain tumour resection. <i>European Radiology</i> , 2009, 19, 2798-2808.	4.5	115
6	Periventricular white matter hyperintensities as predictors of suicide attempts in bipolar disorders and unipolar depression. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2008, 32, 1501-1507.	4.8	102
7	Affective temperamental profiles are associated with white matter hyperintensity and suicidal risk in patients with mood disorders. <i>Journal of Affective Disorders</i> , 2011, 129, 47-55.	4.1	90
8	Gadolinium-Based Contrast Agent-Related Toxicities. <i>CNS Drugs</i> , 2018, 32, 229-240.	5.9	88
9	Apparent diffusion coefficient obtained by magnetic resonance imaging as a prognostic marker in glioblastomas: correlation with MGMT promoter methylation status. <i>European Radiology</i> , 2013, 23, 513-520.	4.5	86
10	White matter hyperintensities and their associations with suicidality in patients with major affective disorders. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2007, 257, 494-499.	3.2	72
11	Pituitary apoplexy: an update on clinical and imaging features. <i>Insights Into Imaging</i> , 2014, 5, 753-762.	3.4	67
12	Repeated stereotactic radiosurgery for patients with progressive brain metastases. <i>Journal of Neuro-Oncology</i> , 2016, 126, 91-97.	2.9	65
13	Magnetic resonance imaging in Posterior Reversible Encephalopathy Syndrome: report of three cases and review of literature. <i>Archives of Gynecology and Obstetrics</i> , 2005, 271, 79-85.	1.7	49
14	Pre- and Intraoperative Tractographic Evaluation of Corticospinal Tract Shift. <i>Neurosurgery</i> , 2011, 69, 696-705.	1.1	45
15	Structural brain alterations in bipolar disorder II: A combined voxel-based morphometry (VBM) and diffusion tensor imaging (DTI) study. <i>Journal of Affective Disorders</i> , 2013, 150, 610-615.	4.1	42
16	Intraoperative DTI and brain mapping for surgery of neoplasm of the motor cortex and the corticospinal tract: our protocol and series in BrainSUITE. <i>Neurosurgical Review</i> , 2012, 35, 401-412.	2.4	40
17	Role of magnetic resonance tractography in the preoperative planning and intraoperative assessment of patients with intra-axial brain tumours. <i>Radiologia Medica</i> , 2007, 112, 906-920.	7.7	36
18	Role of contrast-enhanced MR venography in the preoperative evaluation of parasagittal meningiomas. <i>European Radiology</i> , 2005, 15, 1790-1796.	4.5	35

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19	Identification of the pyramidal tract by neuronavigation based on intraoperative magnetic resonance tractography: correlation with subcortical stimulation. <i>European Radiology</i> , 2010, 20, 2475-2481.	4.5	30
20	Predictive role of dynamic contrast enhanced T1-weighted MR sequences in pre-surgical evaluation of macroadenomas consistency. <i>Pituitary</i> , 2017, 20, 201-209.	2.9	30
21	Stacked autoencoders as new models for an accurate Alzheimer's disease classification support using resting-state EEG and MRI measurements. <i>Clinical Neurophysiology</i> , 2021, 132, 232-245.	1.5	30
22	Deep Learning Can Differentiate IDH-Mutant from IDH-Wild GBM. <i>Journal of Personalized Medicine</i> , 2021, 11, 290.	2.5	30
23	Clinical applications of dynamic susceptibility contrast perfusion-weighted MR imaging in brain tumours. <i>Radiologia Medica</i> , 2012, 117, 445-460.	7.7	27
24	Long-term metabolic evolution of brain metastases with suspected radiation necrosis following stereotactic radiosurgery: longitudinal assessment by F-DOPA PET. <i>Neuro-Oncology</i> , 2021, 23, 1024-1034.	1.2	26
25	Multiparametric evaluation of low grade gliomas at follow-up: comparison between diffusion and perfusion MR with ¹⁸ F-FDOPA PET. <i>British Journal of Radiology</i> , 2016, 89, 20160476.	2.2	25
26	AI and High-Grade Glioma for Diagnosis and Outcome Prediction: Do All Machine Learning Models Perform Equally Well?. <i>Frontiers in Oncology</i> , 2021, 11, 601425.	2.8	22
27	Comparative effectiveness of multi-fraction stereotactic radiosurgery for surgically resected or intact large brain metastases from non-small-cell lung cancer (NSCLC). <i>Lung Cancer</i> , 2019, 132, 119-125.	2.0	20
28	Long term evaluation of brain perfusion with magnetic resonance in high flow extracranial-intracranial saphenous graft bypass. <i>European Radiology</i> , 2007, 17, 33-38.	4.5	19
29	Prediction of survival in patients affected by glioblastoma: histogram analysis of perfusion MRI. <i>Journal of Neuro-Oncology</i> , 2018, 139, 455-460.	2.9	19
30	Understanding Language Reorganization With Neuroimaging: How Language Adapts to Different Focal Lesions and Insights Into Clinical Applications. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 747215.	2.0	19
31	Age-Related Cortical Thickness Reduction in Non-Demented Down's Syndrome Subjects. <i>Journal of Neuroimaging</i> , 2016, 26, 95-102.	2.0	17
32	Fiber density index, fractional anisotropy, adc and clinical motor findings in the white matter of patients with glioblastoma. <i>European Radiology</i> , 2008, 18, 331-336.	4.5	16
33	The role of time-resolved imaging of contrast kinetics (TRICKS) magnetic resonance angiography (MRA) in the evaluation of head-neck vascular anomalies: a preliminary experience. <i>Dentomaxillofacial Radiology</i> , 2015, 44, 20140302.	2.7	16
34	White matter hyperintensities and self-reported depression in a sample of patients with chronic headache. <i>Journal of Headache and Pain</i> , 2012, 13, 661-667.	6.0	13
35	Whole brain reirradiation and concurrent temozolomide in patients with brain metastases. <i>Journal of Neuro-Oncology</i> , 2014, 118, 329-334.	2.9	13
36	White matter involvement in young non-demented Down's syndrome subjects: a tract-based spatial statistic analysis. <i>Neuroradiology</i> , 2018, 60, 1335-1341.	2.2	12

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37	Role of non-echo-planar diffusion-weighted images in the identification of recurrent cholesteatoma of the temporal bone. <i>Radiologia Medica</i> , 2020, 125, 75-79.	7.7	10
38	Single brain metastasis versus glioblastoma multiforme: a VOI-based multiparametric analysis for differential diagnosis. <i>Radiologia Medica</i> , 2022, 127, 490-497.	7.7	10
39	Selective White Matter Involvement in a Patient with Late Onset Krabbe Disease: MR, MR Spectroscopy, and Diffusion Tensor Study. <i>Journal of Neuroimaging</i> , 2009, 19, 191-193.	2.0	9
40	Treatment-resistant schizophrenia: Addressing white matter integrity, intracortical glutamate levels, clinical and cognitive profiles between early- and adult-onset patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2022, 114, 110493.	4.8	9
41	Grey matter volume alterations in CADASIL: a voxel-based morphometry study. <i>Journal of Headache and Pain</i> , 2012, 13, 231-238.	6.0	8
42	Central Nervous System involvement in tuberculosis: An MRI study considering differences between patients with and without Human Immunodeficiency Virus 1 infection. <i>Journal of Neuroradiology</i> , 2020, 47, 334-338.	1.1	8
43	Glioblastoma radiomics to predict survival: Diffusion characteristics of surrounding nonenhancing tissue to select patients for extensive resection. <i>Journal of Neuroimaging</i> , 2021, 31, 1192-1200.	2.0	8
44	Intramasseterin-Infiltrating Angiolipoma. <i>Journal of Craniofacial Surgery</i> , 2012, 23, e290-e292.	0.7	6
45	Deep Transcranial Magnetic Stimulation in a Woman With Chronic Tinnitus: Clinical and fMRI Findings. Seeking Relief From a Symptom and Finding Vivid Memories by Serendipity. <i>Brain Stimulation</i> , 2014, 7, 492-494.	1.6	6
46	Neuroradiology and headaches. <i>Journal of Headache and Pain</i> , 2006, 7, 422-432.	6.0	5
47	Dynamic intraoperative MRI in transsphenoidal resection of pituitary macroadenomas: A quantitative analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 40, 668-673.	3.4	5
48	Visual pathways evaluation in Kearns Sayre syndrome: a diffusion tensor imaging study. <i>Neuroradiology</i> , 2020, 62, 241-249.	2.2	5
49	Radiation-induced malignant meningioma following proton beam therapy for a choroidal melanoma. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1036-1037.	1.5	4
50	A Cervical Flexion-Extension MRI Study in Down Syndrome. <i>Indian Journal of Pediatrics</i> , 2015, 82, 349-353.	0.8	4
51	Age effects on cortical thickness in young Downâ€™s syndrome subjects: a cross-sectional gender study. <i>Neuroradiology</i> , 2015, 57, 401-411.	2.2	4
52	Use of preoperative and intraoperative magnetic resonance tractography in intracranial tumor surgery. <i>Clinical Neurosurgery</i> , 2008, 55, 160-4.	0.2	4
53	Tumours. <i>Neurological Sciences</i> , 2008, 29, 327-332.	1.9	3
54	Asymmetric posterior reversible encephalopathy syndrome in patient with hyperplastic anterior choroidal artery. <i>Journal of Headache and Pain</i> , 2011, 12, 259-261.	6.0	3

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55	Role of multidetector CT in the recognition of hyperdense middle cerebral artery sign (HMCAS) in patients with acute cerebral ischaemia: correlation with DWI-MRI sequences and clinical data. <i>Radiologia Medica</i> , 2015, 120, 222-227.	7.7	3
56	Subacute multicranial neuropathy revealing an early case of meningeal syphilis. <i>Neurological Sciences</i> , 2015, 36, 1033-1034.	1.9	3
57	Early non-EPI DW-MRI after cholesteatoma surgery. <i>Ear, Nose and Throat Journal</i> , 2021, , 014556132110429.	0.8	3
58	Emerging Patterns of Diffusion, Perfusion-Weighted MRI and Spectroscopy in Creutzfeldt-Jacob Disease. <i>Neuroradiology Journal</i> , 2007, 20, 56-60.	1.2	2
59	Bilateral inflammatory pseudotumour of the trigeminal nerve: a diagnostic challenge. <i>Dentomaxillofacial Radiology</i> , 2012, 41, 432-435.	2.7	2
60	Diffuse Axonal Injury with Selective Involvement of the Corticospinal Tract. <i>Neuroradiology Journal</i> , 2014, 27, 397-399.	1.2	1
61	An epidural arteriovenous fistula studied with time-resolved imaging of contrast kinetics (TRICKS) sequence. <i>Neuroradiology Journal</i> , 2016, 29, 455-457.	1.2	1
62	Imaging in Neuro-Oncology. , 2019, , 53-68.		1
63	Cerebral Venous Thrombosis: A Challenging Diagnosis; A New Nonenhanced Computed Tomography Standardized Semi-Quantitative Method. <i>Tomography</i> , 2022, 8, 1-9.	1.8	1
64	Proposal of a magnetic resonance imaging follow-up protocol after cholesteatoma surgery: a prospective study. <i>Acta Oto-Laryngologica</i> , 2022, 142, 484-490.	0.9	1
65	Infantile Myofibromatosis of the Soft Palate. <i>Journal of Craniofacial Surgery</i> , 2015, 26, 1427-1428.	0.7	0
66	Reversible lesions of the splenium of the corpus callosum in children " additional evidence from a Caucasian population. <i>Pediatric Radiology</i> , 2018, 48, 1035-1037.	2.0	0
67	Relapsing Long-Lasting Garcin Syndrome Revealing Skull Base Diffuse B Cell Lymphoma: The Diagnosis through the "Hartel's Route". <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2019, 80, 105-108.	0.8	0
68	Trigonal and Peritrigonal Lesions of the Lateral Ventricle: Presurgical Tractographic Planning and Clinic Outcome Evaluation. <i>World Neurosurgery</i> , 2019, 124, e296-e302.	1.3	0
69	Epidural bleeding secondary to a synovial cyst rupture: a case report and review of literature. <i>British Journal of Neurosurgery</i> , 2020, , 1-3.	0.8	0
70	MR of Maternal Brain Diseases in Pregnancy. , 2016, , 289-297.		0
71	Neural Correlates in Patients with Major Affective Disorders: An fMRI Study. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 907-914.	1.4	0
72	Factors Affecting the Outcome of Symptomatic Carotid Stenosis Surgical Treatment in a Single Center Series. <i>Annals of Vascular Surgery</i> , 2021, , .	0.9	0

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73	Dermoid Cysts of the Asterion: An Unusual Location for Unusual Dermoids, Radiological Findings and Neurosurgical Implications. Tomography, 2022, 8, 1141-1147.	1.8	0