Maria Camilla Rossi Espagnet

List of Publications by Year
in descending order

43 papers	648 citations	623574 14 h-index	610775 24 g-index
47 all docs	47 docs citations	47 times ranked	1347 citing authors

#	Article	IF	Citations
1	Signal intensity at unenhanced T1-weighted magnetic resonance in the globus pallidus and dentate nucleus after serial administrations of a macrocyclic gadolinium-based contrast agent in children. Pediatric Radiology, 2017, 47, 1345-1352.	1.1	97
2	Gadolinium-Based Contrast Agent-Related Toxicities. CNS Drugs, 2018, 32, 229-240.	2.7	88
3	Structural brain alterations in bipolar disorder II: A combined voxel-based morphometry (VBM) and diffusion tensor imaging (DTI) study. Journal of Affective Disorders, 2013, 150, 610-615.	2.0	42
4	High-Resolution DCE-MRI of the Pituitary Gland Using Radialk-Space Acquisition with Compressed Sensing Reconstruction. American Journal of Neuroradiology, 2015, 36, 1444-1449.	1.2	36
5	Is MRI imaging in pediatric age totally safe? A critical reprisal. Radiologia Medica, 2018, 123, 695-702.	4.7	33
6	Predictive role of dynamic contrast enhanced T1-weighted MR sequences in pre-surgical evaluation of macroadenomas consistency. Pituitary, 2017, 20, 201-209.	1.6	30
7	Clinical applications of dynamic susceptibility contrast perfusion-weighted MR imaging in brain tumours. Radiologia Medica, 2012, 117, 445-460.	4.7	27
8	Multiparametric evaluation of low grade gliomas at follow-up: comparison between diffusion and perfusion MR with ¹⁸F-FDOPA PET. British Journal of Radiology, 2016, 89, 20160476.	1.0	25
9	In Vivo Brain GSH: MRS Methods and Clinical Applications. Antioxidants, 2021, 10, 1407.	2.2	25
10	AI and High-Grade Glioma for Diagnosis and Outcome Prediction: Do All Machine Learning Models Perform Equally Well?. Frontiers in Oncology, 2021, 11, 601425.	1.3	22
11	Adult Brain Tumor Imaging: State of the Art. Seminars in Roentgenology, 2014, 49, 39-52.	0.2	21
12	Magnetic resonance imaging patterns of treatment-related toxicity in the pediatric brain: an update and review of the literature. Pediatric Radiology, 2017, 47, 633-648.	1.1	20
13	Prediction of survival in patients affected by glioblastoma: histogram analysis of perfusion MRI. Journal of Neuro-Oncology, 2018, 139, 455-460.	1.4	19
14	A new MRI severity score to predict long-term adverse neurologic outcomes in children with congenital Cytomegalovirus infection. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 859-866.	0.7	17
15	Magnetic resonance imaging differential diagnosis of brainstem lesions in children. World Journal of Radiology, 2016, 8, 1.	0.5	13
16	Venous pathologies in paediatric neuroradiology: from foetal to adolescent life. Neuroradiology, 2020, 62, 15-37.	1.1	13
17	White matter involvement in young non-demented Downâ€™s syndrome subjects: a tract-based spatial statistic analysis. Neuroradiology, 2018, 60, 1335-1341.	1.1	12
18	Reliability on multiband diffusion NODDI models: A test retest study on children and adults. NeuroImage, 2021, 238, 118234.	2.1	11

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19	Dentate nucleus T1 hyperintensity: is it always gadolinium all that glitters?. Radiologia Medica, 2018, 123, 469-473.	4.7	10
20	Role of non-echo-planar diffusion-weighted images in the identification of recurrent cholesteatoma of the temporal bone. Radiologia Medica, 2020, 125, 75-79.	4.7	10
21	Grey matter volume alterations in CADASIL: a voxel-based morphometry study. Journal of Headache and Pain, 2012, 13, 231-238.	2.5	8
22	Central Nervous System involvement in tuberculosis: An MRI study considering differences between patients with and without Human Immunodeficiency Virus 1 infection. Journal of Neuroradiology, 2020, 47, 334-338.	0.6	8
23	Multiparametric Imaging for Presurgical Planning of Craniopagus Twins: The Experience of Two Tertiary Pediatric Hospitals with Six Sets of Twins. Radiology, 2021, 298, 18-27.	3.6	7
24	Asymmetric cavernous sinus enlargement: a novel finding in Sturgeâ€“Weber syndrome. Neuroradiology, 2019, 61, 595-602.	1.1	6
25	Dynamic intraoperative MRI in transsphenoidal resection of pituitary macroadenomas: A quantitative analysis. Journal of Magnetic Resonance Imaging, 2014, 40, 668-673.	1.9	5
26	Reply to Radbruch et al.: â€˜interpreting signal-intensity ratios without visible T1 hyperintensities in clinical gadolinium retention studiesâ€™. Pediatric Radiology, 2017, 47, 1690-1691.	1.1	5
27	Visual pathways evaluation in Kearns Sayre syndrome: a diffusion tensor imaging study. Neuroradiology, 2020, 62, 241-249.	1.1	5
28	Neuroradiologic Phenotyping of Galactosemia: From the Neonatal Form to the Chronic Stage. American Journal of Neuroradiology, 2021, 42, 590-596.	1.2	5
29	Reply to Lancelot et al.: â€˜Lack of evidence of a relationship between magnetic resonance signal intensity changes in the globus pallidus and dentate nucleus, and repeated administrations of gadoterate meglumine in childrenâ€™. Pediatric Radiology, 2017, 47, 1694-1696.	1.1	3
30	Non-congenital viral infections of the central nervous system: from the immunocompetent to the immunocompromised child. Pediatric Radiology, 2020, 50, 1757-1767.	1.1	3
31	Intraventricular Ectopic Cerebellum. World Neurosurgery, 2020, 137, 158-163.	0.7	3
32	Observations on the growth of temporalis muscle: A 3D CT imaging study. Journal of Anatomy, 2021, 238, 1218-1224.	0.9	3
33	Langerhansâ€™ Cell Histiocytosis Mimicking a Pott Puffy Tumor. Journal of Pediatric Hematology/Oncology, 2018, 40, e182-e184.	0.3	2
34	Microcephalic osteodysplastic primordial dwarfism type II and pachygyria: Morphometric analysis in a 2â€yearâ€old girl. American Journal of Medical Genetics, Part A, 2020, 182, 2372-2376.	0.7	2
35	Late Deformity Following Fronto-Orbital Reconstructive Surgery for Metopic Synostosis. Journal of Craniofacial Surgery, 2022, Publish Ahead of Print, .	0.3	1
36	Cerebral Venous Thrombosis: A Challenging Diagnosis; A New Nonenhanced Computed Tomography Standardized Semi-Quantitative Method. Tomography, 2022, 8, 1-9.	0.8	1

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37	RADI-18. DIFFUSION KURTOSIS IMAGING CAN HELP DIFFERENTIATE LOW- AND HIGH-GRADE GLIOMAS IN PEDIATRIC PATIENTS: A PROSPECTIVE SINGLE CENTRE STUDY. Neuro-Oncology, 2018, 20, i173-i173.	0.6	0
38	Reversible lesions of the splenium of the corpus callosum in children â€" additional evidence from a Caucasian population. Pediatric Radiology, 2018, 48, 1035-1037.	1.1	0
39	RADI-19. DIFFUSION KURTOSIS IMAGING CAN HELP DIFFERENTIATE LOW- AND HIGH-GRADE GLIOMAS IN PEDIATRIC PATIENTS WITH SPECIFIC LOCATION-RELATED PATTERNS: A PROSPECTIVE SINGLE CENTRE STUDY. Neuro-Oncology, 2018, 20, i173-i174.	0.6	0
40	Trigonal and Peritrigonal Lesions of the Lateral Ventricle: Presurgical Tractographic Planning and Clinic Outcome Evaluation. World Neurosurgery, 2019, 124, e296-e302.	0.7	0
41	Reply to: Viability of diffusion tensor imaging for assessing retrochiasmatic involvement in Kearns-Sayre syndrome remains elusive. Neuroradiology, 2020, 62, 133-134.	1.1	0
42	Epidural bleeding secondary to a synovial cyst rupture: a case report and review of literature. British Journal of Neurosurgery, 2020, , 1-3.	0.4	0
43	Neural Correlates in Patients with Major Affective Disorders: An fMRI Study. CNS and Neurological Disorders - Drug Targets, 2018, 16, 907-914.	0.8	0