

Francois Cotton

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

6,150
citations

87723

38
h-index

85405

71
g-index

224
all docs

224
docs citations

224
times ranked

9204
citing authors

#	ARTICLE	IF	CITATIONS
1	Development and Validation of a Cutoff for the Chair Stand Test as a Screening for Mobility Impairment in the Context of the Integrated Care for Older People Program. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2023, 78, 104-110.	1.7	4
2	Contribution of diffusion-weighted imaging to distinguish herpetic encephalitis from auto-immune encephalitis at an early stage. <i>Journal of Neuroradiology</i> , 2023, 50, 288-292.	0.6	8
3	Signal Intensity Evaluation in the Dentate Nucleus and Subcortical Gray Matter. <i>Clinical Neuroradiology</i> , 2022, 32, 677-685.	1.0	3
4	Leptomeningeal enhancement on post-contrast FLAIR images for early diagnosis of Susac syndrome. <i>Multiple Sclerosis Journal</i> , 2022, 28, 189-197.	1.4	13
5	Cerebral mucormycosis: neuroimaging findings and histopathological correlation. <i>Journal of Neurology</i> , 2022, 269, 1386-1395.	1.8	7
6	Natural history of spasticity in a case of a novel RAB3GAP2 mutation: Gait analysis with cortico-spinal tract imaging. <i>Annals of Physical and Rehabilitation Medicine</i> , 2022, 65, 101597.	1.1	0
7	T1/T2 ratio: A quantitative sensitive marker of brain tissue integrity in multiple sclerosis. <i>Journal of Neuroimaging</i> , 2022, 32, 328-336.	1.0	5
8	Cerebral aspergillosis in the era of new antifungals: The CEREALS national cohort study Nationwide CERebral Aspergillosis Lesional study (CEREALS). <i>Journal of Infection</i> , 2022, 84, 227-236.	1.7	5
9	Physical activity, body mass index, and blood progranulin in older adults: cross-sectional associations in the MAPT study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2022, , .	1.7	1
10	First Case of Chronic Post-Traumatic Anterior Pituitary Dysfunction in a Professional Rugby Player: A Case Report. <i>Annales D'Endocrinologie</i> , 2022, , .	0.6	0
11	Plasma MCP-1 and changes on cognitive function in community-dwelling older adults. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 5.	3.0	10
12	Validation of an automatic tool for the rapid measurement of brain atrophy and white matter hyperintensity: QyScore®. <i>European Radiology</i> , 2022, 32, 2949-2961.	2.3	9
13	Automatic segmentation of white matter hyperintensities: validation and comparison with state-of-the-art methods on both Multiple Sclerosis and elderly subjects. <i>NeuroImage: Clinical</i> , 2022, 33, 102940.	1.4	17
14	Forme des autorisations: un nouveau cadre juridique pour la NRI Française. <i>Journal of Neuroradiology</i> , 2022, 49, 104-107.	0.6	0
15	Editorial 49e congrès annuel de la SFNR. <i>Journal of Neuroradiology</i> , 2022, 49, 103.	0.6	0
16	A new legal framework for Interventional Neuroradiology in France: optimizing access to mechanical thrombectomy. <i>Journal of Neuroradiology</i> , 2022, 49, 153-156.	0.6	2
17	Intramedullary abscess secondary to infective endocarditis presenting as longitudinally extensive transverse myelopathy. <i>Revue Neurologique</i> , 2022, 178, 745-746.	0.6	1
18	Healthcare Costs Associated with Potentially Inappropriate Medication Prescribing Detected by Computer Algorithm Among Older Patients. <i>Drugs and Aging</i> , 2022, 39, 367-375.	1.3	2

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19	Biological and Neuroimaging Markers as Predictors of 5-Year Incident Frailty in Older Adults: A Secondary Analysis of the MAPT Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, e361-e369.	1.7	11
20	Critical illness-associated cerebral microbleeds for patients with severe COVID-19: etiologic hypotheses. <i>Journal of Neurology</i> , 2021, 268, 2676-2684.	1.8	38
21	Oral norgestrel acetate and transdermal 17-beta-estradiol for preventing post-partum relapses in multiple sclerosis: The POPARTMUS study. <i>Multiple Sclerosis Journal</i> , 2021, 27, 1458-1463.	1.4	8
22	Diagnostic value of bright spotty lesions on MRI after a first episode of acute myelopathy. <i>Journal of Neuroradiology</i> , 2021, 48, 28-36.	0.6	24
23	Signal changes in enhanced T1-weighted images related to gadolinium retention: A three-time-point imaging study. <i>Journal of Neuroradiology</i> , 2021, 48, 82-87.	0.6	1
24	Interventional neuroradiology in France, quo vadis?. <i>Journal of Neuroradiology</i> , 2021, 48, 2-4.	0.6	4
25	Progressive multifocal leukoencephalopathy: MRI findings in HIV-infected patients are closer to rituximab- than natalizumab-associated PML. <i>European Radiology</i> , 2021, 31, 2944-2955.	2.3	10
26	MRI characteristics of MOG-Ab associated disease in adults: An update. <i>Revue Neurologique</i> , 2021, 177, 39-50.	0.6	15
27	European Multicenter Study of ET-COVID-19. <i>Stroke</i> , 2021, 52, 31-39.	1.0	25
28	Cerebral vasculitis of medium-sized vessels as a possible mechanism of brain damage in COVID-19 patients. <i>Journal of Neuroradiology</i> , 2021, 48, 141-146.	0.6	32
29	Chest CT for rapid triage of patients in multiple emergency departments during COVID-19 epidemic: experience report from a large French university hospital. <i>European Radiology</i> , 2021, 31, 795-803.	2.3	30
30	Aquaporin 4 distribution in the brain and its relevance for the radiological appearance of neuromyelitis optica spectrum disease. <i>Journal of Neuroradiology</i> , 2021, 48, 170-175.	0.6	4
31	MRI to detect and localize the area postrema in multiple sclerosis: The role of 3D-FLAIR and 3D-FLAIR. <i>Journal of Neuroimaging</i> , 2021, 31, 701-705.	1.0	1
32	Associations Between Physical Activity, Blood-Based Biomarkers of Neurodegeneration, and Cognition in Healthy Older Adults: The MAPT Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 1382-1390.	1.7	20
33	A More Interpretable Classifier For Multiple Sclerosis. , 2021, , .		6
34	Quantitative Assessment of Motor Neglect. <i>Stroke</i> , 2021, 52, 1618-1627.	1.0	10
35	Ocular MRI Findings in Patients with Severe COVID-19: A Retrospective Multicenter Observational Study. <i>Radiology</i> , 2021, 299, E226-E229.	3.6	18
36	Update on brain MRI for the diagnosis and follow-up of MS patients. <i>Presse Medicale</i> , 2021, 50, 104067.	0.8	5

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37	Plasma neurofilament light chain is associated with cognitive decline in non-dementia older adults. <i>Scientific Reports</i> , 2021, 11, 13394.	1.6	22
38	Abnormal MRI findings of the orbital or visual pathways in patients with severe COVID-19: Observations from the French multicenter COVID-19 cohort. <i>Journal of Neuroradiology</i> , 2021, 48, 331-336.	0.6	4
39	Characteristics and Outcomes of Patients With Cerebral Venous Sinus Thrombosis in SARS-CoV-2 Vaccine-Induced Immune Thrombotic Thrombocytopenia. <i>JAMA Neurology</i> , 2021, 78, 1314.	4.5	89
40	Multiple sclerosis lesions segmentation from multiple experts: The MICCAI 2016 challenge dataset. <i>NeuroImage</i> , 2021, 244, 118589.	2.1	23
41	Effect of distortion corrections on the tractography quality in spinal cord diffusion-weighted imaging. <i>Magnetic Resonance in Medicine</i> , 2021, 85, 3241-3255.	1.9	8
42	Risk Factors and Time to Clinical Symptoms of Multiple Sclerosis Among Patients With Radiologically Isolated Syndrome. <i>JAMA Network Open</i> , 2021, 4, e2128271.	2.8	32
43	Observatoire Français de la Sclérose en Plaques (OFSEP): A unique multimodal nationwide MS registry in France. <i>Multiple Sclerosis Journal</i> , 2020, 26, 118-122.	1.4	69
44	Constrained Tensor Decomposition for Longitudinal Analysis of Diffusion Imaging Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 1137-1148.	3.9	3
45	Could non-invasive brain stimulation help treat dysarthria? A single-case study. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 81-84.	1.1	0
46	Alterations of cerebral microcirculation in peritumoral edema: feasibility of in vivo sidestream dark-field imaging in intracranial meningiomas. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa108.	0.4	4
47	Plasma A β 2 and neurofilament light chain are associated with cognitive and physical function decline in non-dementia older adults. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 128.	3.0	20
48	Neurologic and neuroimaging findings in patients with COVID-19. <i>Neurology</i> , 2020, 95, e1868-e1882.	1.5	186
49	Overcoming challenges of the human spinal cord tractography for routine clinical use: a review. <i>Neuroradiology</i> , 2020, 62, 1079-1094.	1.1	8
50	Meal-related difficulties and weight loss in older people: Longitudinal data from MAPT study. <i>Clinical Nutrition</i> , 2020, 39, 3483-3488.	2.3	3
51	Cerebral amyloid angiopathy with focal presentation—about 3 cases. <i>Neuroradiology</i> , 2020, 62, 1195-1197.	1.1	0
52	Mechanical Thrombectomy for Acute Ischemic Stroke Amid the COVID-19 Outbreak. <i>Stroke</i> , 2020, 51, 2012-2017.	1.0	155
53	Brain MRI Findings in Severe COVID-19: A Retrospective Observational Study. <i>Radiology</i> , 2020, 297, E242-E251.	3.6	333
54	Consensus Guidelines of the French Society of Neuroradiology (SFNR) on the use of Gadolinium-Based Contrast agents (GBCAs) and related MRI protocols in Neuroradiology. <i>Journal of Neuroradiology</i> , 2020, 47, 441-449.	0.6	13

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55	Artificial intelligence to predict clinical disability in patients with multiple sclerosis using FLAIR MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 795-802.	1.8	46
56	Prospective Associations Between Diffusion Tensor Imaging Parameters and Frailty in Older Adults. <i>Journal of the American Geriatrics Society</i> , 2020, 68, 1050-1055.	1.3	19
57	New OFSEP recommendations for MRI assessment of multiple sclerosis patients: Special consideration for gadolinium deposition and frequent acquisitions. <i>Journal of Neuroradiology</i> , 2020, 47, 250-258.	0.6	46
58	Three artificial intelligence data challenges based on CT and MRI. <i>Diagnostic and Interventional Imaging</i> , 2020, 101, 783-788.	1.8	19
59	Advanced multiparametric magnetic resonance imaging of multinodular and vacuolating neuronal tumor. <i>European Journal of Neurology</i> , 2020, 27, 1561-1569.	1.7	7
60	Full tractography for detecting the position of cranial nerves in preoperative planning for skull base surgery: technical note. <i>Journal of Neurosurgery</i> , 2020, 132, 1642-1652.	0.9	11
61	L5-S1 Charcot spine induced by diffuse idiopathic skeletal hyperostosis in chronic tetraplegia: 2 cases. <i>Annals of Physical and Rehabilitation Medicine</i> , 2019, 62, 132-134.	1.1	0
62	Overcoming Challenges of Cranial Nerve Tractography: A Targeted Review. <i>Neurosurgery</i> , 2019, 84, 313-325.	0.6	30
63	Multinodular and Vacuolating Posterior Fossa Lesions of Unknown Significance. <i>American Journal of Neuroradiology</i> , 2019, 40, 1689-1694.	1.2	10
64	Pathologic and MRI analysis in acute atypical inflammatory demyelinating lesions. <i>Journal of Neurology</i> , 2019, 266, 1743-1755.	1.8	9
65	Tensor Based Blind Source Separation in Longitudinal Magnetic Resonance Imaging Analysis. , 2019, 2019, 3879-3883.		3
66	A new MRI marker of ataxia with oculomotor apraxia. <i>European Journal of Radiology</i> , 2019, 110, 187-192.	1.2	19
67	Probabilistic Tractography to Predict the Position of Cranial Nerves Displaced by Skull Base Tumors: Value for Surgical Strategy Through a Case Series of 62 Patients. <i>Neurosurgery</i> , 2019, 85, E125-E136.	0.6	26
68	Is circadian rhythmicity a prerequisite to coma recovery? Circadian recovery concomitant to cognitive improvement in two comatose patients. <i>Journal of Pineal Research</i> , 2019, 66, e12555.	3.4	12
69	Motor neuron involvement in anti-Ma2-associated paraneoplastic neurological syndrome. <i>Journal of Neurology</i> , 2019, 266, 398-410.	1.8	31
70	Pathogenesis of peri-tumoral edema in intracranial meningiomas. <i>Neurosurgical Review</i> , 2019, 42, 59-71.	1.2	37
71	Cranial nerve involvement in patients with MOC antibody-associated disease. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2019, 6, e543.	3.1	53
72	Adding methylphenidate to prism-adaptation improves outcome in neglect patients. A randomized clinical trial. <i>Cortex</i> , 2018, 106, 288-298.	1.1	14

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73	Liponeurocytoma of the Cerebellopontine Angle. <i>World Neurosurgery</i> , 2018, 112, 18-24.	0.7	4
74	Management of severe traumatic brain injury (first 24 hours). <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2018, 37, 171-186.	0.6	126
75	Clinical spectrum and prognostic value of CNS MOG autoimmunity in adults. <i>Neurology</i> , 2018, 90, e1858-e1869.	1.5	401
76	Diagnostic value of 3D FLAIR in clinical practice for the detection of infratentorial lesions in multiple sclerosis in regard to dual echo T2 sequences. <i>European Journal of Radiology</i> , 2018, 102, 146-151.	1.2	5
77	Red blood cell membrane omega-3 fatty acid levels and physical performance: Cross-sectional data from the MAPT study. <i>Clinical Nutrition</i> , 2018, 37, 1141-1144.	2.3	15
78	Weekly follow up of acute lesions in three early multiple sclerosis patients using MR spectroscopy and diffusion. <i>Journal of Neuroradiology</i> , 2018, 45, 108-113.	0.6	6
79	Double Reading of Outsourced CT/MR Radiology Reports. <i>Journal of Patient Safety</i> , 2018, Publish Ahead of Print, e1267-e1271.	0.7	5
80	Objective Evaluation of Multiple Sclerosis Lesion Segmentation using a Data Management and Processing Infrastructure. <i>Scientific Reports</i> , 2018, 8, 13650.	1.6	171
81	Evidence of axonal damage in cerebellar peduncles without T2-lesions in multiple sclerosis. <i>European Journal of Radiology</i> , 2018, 108, 114-119.	1.2	9
82	MRI Tractography Detecting Cranial Nerve Displacement in a Cystic Skull Base Tumor. <i>World Neurosurgery</i> , 2018, 117, 363-365.	0.7	2
83	Main inherited neurodegenerative cerebellar ataxias, how to recognize them using magnetic resonance imaging?. <i>Journal of Neuroradiology</i> , 2018, 45, 265-275.	0.6	7
84	Weekly enhanced T1-weighted MRI with Gadobutrol injections in MS patients: Is there a signal intensity increase in the dentate nucleus and the globus pallidus?. <i>European Journal of Radiology</i> , 2018, 105, 204-208.	1.2	12
85	Unusual neurologic presentation of aseptic abscesses syndrome. <i>Neurology: Neuroimmunology and Neuroinflammation</i> , 2018, 5, e469.	3.1	1
86	Diffusion Tensor Imaging Tractography Detecting Isolated Oculomotor Nerve Damage After Traumatic Brain Injury. <i>World Neurosurgery</i> , 2017, 100, 707.e5-707.e7.	0.7	8
87	Fixed-Distance Model for Balloon Placement During Fluoroscopy-Free Resuscitative Endovascular Balloon Occlusion of the Aorta in a Civilian Population. <i>JAMA Surgery</i> , 2017, 152, 351.	2.2	36
88	Hibernoma and multiple endocrine neoplasia type 1 syndrome: A non-fortuitous association? A case report and literature review. <i>Annales D'Endocrinologie</i> , 2017, 78, 194-197.	0.6	6
89	Cross-sectional associations of cortical β -amyloid with erythrocyte membrane long-chain polyunsaturated fatty acids in older adults with subjective memory complaints. <i>Journal of Neurochemistry</i> , 2017, 142, 589-596.	2.1	10
90	A genetic algorithm-based model for longitudinal changes detection in white matter fiber-bundles of patient with multiple sclerosis. <i>Computers in Biology and Medicine</i> , 2017, 84, 182-188.	3.9	5

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91	Effect of long-term omega 3 polyunsaturated fatty acid supplementation with or without multidomain intervention on cognitive function in elderly adults with memory complaints (MAPT): a randomised, placebo-controlled trial. <i>Lancet Neurology</i> , The, 2017, 16, 377-389.	4.9	576
92	Reconsidering olfactory bulb magnetic resonance patterns in Kallmann syndrome. <i>Annales D'Endocrinologie</i> , 2017, 78, 455-461.	0.6	7
93	Multiparametric Non-Negative Matrix Factorization for Longitudinal Variations Detection in White-Matter Fiber Bundles. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1393-1402.	3.9	5
94	Graph Theory-Based Brain Connectivity for Automatic Classification of Multiple Sclerosis Clinical Courses. <i>Frontiers in Neuroscience</i> , 2016, 10, 478.	1.4	73
95	Magnetic Resonance Imaging of Cerebral Aspergillosis: Imaging and Pathological Correlations. <i>PLoS ONE</i> , 2016, 11, e0152475.	1.1	66
96	A Sensitive and Automatic White Matter Fiber Tracts Model for Longitudinal Analysis of Diffusion Tensor Images in Multiple Sclerosis. <i>PLoS ONE</i> , 2016, 11, e0156405.	1.1	15
97	A rare case of SPG11 mutation with multiple sclerosis. <i>Revue Neurologique</i> , 2016, 172, 389-391.	0.6	12
98	Tracking successive Wallerian degenerations in a relapsing-remitting multiple sclerosis patient. <i>Journal of Neuroradiology</i> , 2016, 43, 359-361.	0.6	3
99	Gray Matterâ€“White Matter De-Differentiation on Brain Computed Tomography Predicts Brain Death Occurrence. <i>Transplantation Proceedings</i> , 2016, 48, 1893-1897.	0.3	7
100	Dynamic susceptibility contrast perfusion imaging in biopsy-proved adult medulloblastoma. <i>Journal of Neuroradiology</i> , 2016, 43, 317-324.	0.6	4
101	Multiple sclerosis lesion formation and early evolution revisited: A weekly high-resolution magnetic resonance imaging study. <i>Multiple Sclerosis Journal</i> , 2016, 22, 761-769.	1.4	28
102	Physical Activity and Amyloidâ€“ β Brain Levels in Elderly Adults with Intact Cognition and Mild Cognitive Impairment. <i>Journal of the American Geriatrics Society</i> , 2015, 63, 1634-1639.	1.3	35
103	Endoluminal MRâ€“guided ultrasonic applicator embedding cylindrical phasedâ€“array transducers and opposedâ€“solenoid detection coil. <i>Magnetic Resonance in Medicine</i> , 2015, 73, 417-426.	1.9	5
104	Hydrocephalus due to extreme dilation of Virchow-Robin spaces. <i>BMJ Case Reports</i> , 2015, 2015, bcr2014207109-bcr2014207109.	0.2	4
105	Hearing rehabilitation with a binaural cochlear implant in a patient with Erdheimâ€“Chester disease. <i>Cochlear Implants International</i> , 2015, 16, 295-300.	0.5	3
106	OFSEP, a nationwide cohort of people with multiple sclerosis: Consensus minimal MRI protocol. <i>Journal of Neuroradiology</i> , 2015, 42, 133-140.	0.6	55
107	Weekly multimodal MRI followâ€“up of two multiple sclerosis active lesions presenting a transient decrease in ADC. <i>Brain and Behavior</i> , 2015, 5, e00307.	1.0	9
108	Pituitary MRI characteristics in 297 acromegaly patients based on T2-weighted sequences. <i>Endocrine-Related Cancer</i> , 2015, 22, 169-177.	1.6	78

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109	Biological and radiological exploration and management of non-functioning pituitary adenoma. <i>Annales D'Endocrinologie</i> , 2015, 76, 201-209.	0.6	25
110	Management of nonfunctioning pituitary incidentaloma. <i>Annales D'Endocrinologie</i> , 2015, 76, 191-200.	0.6	48
111	Prediction of anaplastic transformation in low-grade oligodendrogliomas based on magnetic resonance spectroscopy and 1p/19q codeletion status. <i>Journal of Neuro-Oncology</i> , 2015, 122, 529-537.	1.4	12
112	Written production in a case of locked-in syndrome with bilateral corticopontic degeneration. <i>Neuropsychological Rehabilitation</i> , 2015, 25, 780-797.	1.0	4
113	Effector-dependent neglect and splenial disconnection: a spherical deconvolution tractography study. <i>Experimental Brain Research</i> , 2014, 232, 3727-3736.	0.7	14
114	Reply to: High-Frequency Jet Ventilation for HIFU. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 1399-1400.	0.9	1
115	Lesions of the ovary with T1-hypersignal. <i>Clinical Radiology</i> , 2014, 69, e404-e413.	0.5	4
116	Prognostic factors of long-term outcome in cases of severe traumatic brain injury. <i>Annals of Physical and Rehabilitation Medicine</i> , 2014, 57, 436-451.	1.1	10
117	The Lymphoid Variant of Hypereosinophilic Syndrome. <i>Medicine (United States)</i> , 2014, 93, 255-266.	0.4	98
118	Management of Respiratory Motion in Extracorporeal High-Intensity Focused Ultrasound Treatment in Upper Abdominal Organs: Current Status and Perspectives. <i>CardioVascular and Interventional Radiology</i> , 2013, 36, 1464-1476.	0.9	33
119	Interferon beta 1b following natalizumab discontinuation: one year, randomized, prospective, pilot trial. <i>BMC Neurology</i> , 2013, 13, 101.	0.8	23
120	MRI findings in AOA2: Cerebellar atrophy and abnormal iron detection in dentate nucleus. <i>NeuroImage: Clinical</i> , 2013, 2, 542-548.	1.4	10
121	Hibernoma: Don't be caught out by a PET scan!. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 649-651.	1.8	7
122	Remission of anosognosia for right hemiplegia and neglect after caloric vestibular stimulation. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 19-24.	0.4	20
123	Reliability of Longitudinal Brain Volume Loss Measurements between 2 Sites in Patients with Multiple Sclerosis: Comparison of 7 Quantification Techniques. <i>American Journal of Neuroradiology</i> , 2012, 33, 1918-1924.	1.2	77
124	Diffusion Tensor MRI Evidence for Extra-Axonal Neuronal Degeneration in Caudate and Thalamic Nuclei of Patients with Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2012, 33, 1363-1368.	1.2	64
125	Experimental investigation of MRgHIFU sonication with interleaved electronic and mechanical displacement of the focal point for transrectal prostate application. <i>Physics in Medicine and Biology</i> , 2012, 57, 4805-4825.	1.6	4
126	Hypothalamo-pituitary sarcoidosis: a multicenter study of 24 patients. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2012, 105, 981-995.	0.2	116

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127	Let live or let die after traumatic coma. <i>Neurology: Clinical Practice</i> , 2012, 2, 24-32.	0.8	11
128	Implementation of an Absolute Brain ^1H -MRS Quantification Method to Assess Different Tissue Alterations in Multiple Sclerosis. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2687-2694.	2.5	26
129	Bottom-up effect of prism adaptation on hemineglect in virtual spatial domain. <i>Annals of Physical and Rehabilitation Medicine</i> , 2012, 55, e196-e197.	1.1	0
130	Correlation of Diffusion and Metabolic Alterations in Different Clinical Forms of Multiple Sclerosis. <i>PLoS ONE</i> , 2012, 7, e32525.	1.1	29
131	Cortical blindness and posterior reversible encephalopathy syndrome in an older patient. <i>BMJ Case Reports</i> , 2012, 2012, bcr0920114782-bcr0920114782.	0.2	1
132	Degeneration of the Arnold's prefrontopontocerebellar tract in a case of locked-in syndrome over a 23-year period. <i>Journal of Neuroradiology</i> , 2011, 38, 118-124.	0.6	2
133	Gunshot injury without direct injury to the cord may lead to complete paraplegia. <i>European Journal of Trauma and Emergency Surgery</i> , 2011, 37, 49-51.	0.8	2
134	Anatomic variation: absence of portal vein bifurcation. <i>Surgical and Radiologic Anatomy</i> , 2011, 33, 459-463.	0.6	11
135	Predictive value of multimodality MRI using conventional, perfusion, and spectroscopy MR in anaplastic transformation of low-grade oligodendrogliomas. <i>Journal of Neuro-Oncology</i> , 2010, 97, 73-80.	1.4	69
136	Sector-Switching Sonication Strategy for Accelerated HIFU Treatment of Prostate Cancer: <i>In Vitro</i> Experimental Validation. <i>IEEE Transactions on Biomedical Engineering</i> , 2010, 57, 17-23.	2.5	5
137	Representation and disconnection in imaginal neglect. <i>Neuropsychologia</i> , 2010, 48, 2903-2911.	0.7	49
138	Automatic temperature control for MR-guided interstitial ultrasound ablation in liver using a percutaneous applicator: Ex vivo and in vivo initial studies. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 667-679.	1.9	23
139	Acute Headache Followed by Focal Neuropsychological Impairment in Cerebral Autosomal Dominant Arteriopathy with Subcortical Infarcts and Leukoencephalopathy (CADASIL). <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2010, 19, 75-76.	0.7	4
140	Charcot spine: Two new case reports and a systematic review of 109 clinical cases from the literature. <i>Annals of Physical and Rehabilitation Medicine</i> , 2010, 53, 200-220.	1.1	56
141	Endocavitary thermal therapy by MRI-guided phased array contact ultrasound: Experimental and numerical studies on the multi-input single-output PID temperature controller's convergence and stability. <i>Medical Physics</i> , 2009, 36, 4726-4741.	1.6	15
142	Experimental investigation of thermal effects in HIFU-based external valvuloplasty with a non-spherical transducer, using high-resolution MR thermometry. <i>Physics in Medicine and Biology</i> , 2009, 54, 5123-5138.	1.6	10
143	Appraisal of peritoneal cavity's capacity in order to assess the pharmacology of liquid chemotherapy solution in hyperthermic intraperitoneal chemotherapy. <i>Surgical and Radiologic Anatomy</i> , 2009, 31, 573-578.	0.6	10
144	Dynamic MRI of Larynx and Vocal Fold Vibrations in Normal Phonation. <i>Journal of Voice</i> , 2009, 23, 235-239.	0.6	25

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145	NOMAD™ MUS : cr�ation d�une cohorte fran�aise de neuro-optico-my�lite aigu� de Devic et des syndromes neurologiques apparent�s. Revue Neurologique, 2009, 165, S57-S58.	0.6	0
146	Aspergillose c�r�brale�: apport de l�imagerie de diffusion. Feuilletts De Radiologie, 2009, 49, 25-31.	0.0	1
147	Feasibility of iodine contrast enhanced CT-scan during a 18F-fluorodeoxyglucose Positron Emission Tomography. Journal of Instrumentation, 2009, 4, P06008-P06008.	0.5	5
148	Inter-observer agreement in the identification of the two bundles of the anterior cruciate ligament using magnetic resonance imaging. Surgical and Radiologic Anatomy, 2008, 30, 557-562.	0.6	7
149	Endoluminal ultrasound applicator with an integrated RF coil for high-resolution magnetic resonance imaging-guided high-intensity contact ultrasound thermotherapy. Physics in Medicine and Biology, 2008, 53, 6549-6567.	1.6	18
150	Evolution of Brain Tumor and Stability of Geometric Invariants. International Journal of Telemedicine and Applications, 2008, 2008, 1-12.	1.1	1
151	Accurate Temperature Feedback Control for MRI-Guided, Phased Array HICU Endocavitary Therapy. AIP Conference Proceedings, 2007, , .	0.3	0
152	Automatic feedback control of the temperature for MRI-guided therapeutic ultrasound. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 222-5.	0.5	3
153	Diffusion�weighted imaging in brain aspergillosis. European Journal of Neurology, 2007, 14, 912-916.	1.7	38
154	Could linear MRI measurements of hippocampus differentiate normal brain aging in elderly persons from Alzheimer disease?. Surgical and Radiologic Anatomy, 2007, 29, 77-81.	0.6	9
155	MRI evaluation of bulky tumor masses in the mesentery and bladder involvement in peritoneal carcinomatosis. European Journal of Surgical Oncology, 2006, 32, 1212-1216.	0.5	15
156	Image-Based Control of the Magnetic Resonance Imaging-Guided Focused Ultrasound Thermotherapy. Topics in Magnetic Resonance Imaging, 2006, 17, 139-151.	0.7	39
157	Dual Inversion Recovery MRI Helps Identifying Cortical Tubers in Tuberous Sclerosis. Epilepsia, 2006, 47, 1072-1073.	2.6	20
158	The advantage of high relaxivity contrast agents in brain perfusion. European Radiology, Supplement, 2006, 16, M16-M26.	1.8	12
159	Neurological manifestations and neuroradiological presentation of Erdheim-Chester disease: report of 6 cases and systematic review of the literature. Journal of Neurology, 2006, 253, 1267-1277.	1.8	156
160	Clinical relevance of diffusion and perfusion magnetic resonance imaging in assessing intra-axial brain tumors. Neuroradiology, 2006, 48, 150-159.	1.1	167
161	Diffusion-perfusion in intra-axial brain tumors with high relaxivity contrast agents. Neuroradiology, 2006, 48, 34-40.	1.1	9
162	Functional morphology of phonation evaluated by dynamic MRI. Surgical and Radiologic Anatomy, 2006, 28, 481-485.	0.6	8

#	ARTICLE	IF	CITATIONS
163	High frequency of creatine deficiency syndromes in patients with unexplained mental retardation. <i>Neurology</i> , 2006, 67, 1713-1714.	1.5	86
164	MRI-guided Therapeutic Ultrasound : In vitro Validation of a New MR Compatible, Phased Array, Contact Endorectal Ultrasound Transducer with Active Feedback Control of Temperature Evolution. <i>AIP Conference Proceedings</i> , 2006, , .	0.3	0
165	Functional anatomy of the therapeutic effects of prism adaptation on left neglect. <i>Neurology</i> , 2006, 66, 1859-1867.	1.5	141
166	Advanced MRI could help to differentiate meningeal carcinomatosis with mass effect from cerebral metastasis in prostate cancer. <i>Bulletin Du Cancer</i> , 2006, 93, E31-5.	0.6	4
167	Quantitative Anatomic Evaluation of Cervical Lateral Mass Fixation With a Comparison of the Roy-Camille and the Magerl Screw Techniques. <i>Spine</i> , 2005, 30, E140-E147.	1.0	60
168	Optic ataxia errors depend on remapped, not viewed, target location. <i>Nature Neuroscience</i> , 2005, 8, 418-420.	7.1	109
169	Diffusion-weighted magnetic resonance imaging in Marchiafava-Bignami disease: follow-up studies. <i>Neuroradiology</i> , 2005, 47, 520-524.	1.1	55
170	Acute hypertensive encephalopathy with widespread small-vessel disease at MRI in a diabetic patient: pathogenetic hypotheses. <i>Neuroradiology</i> , 2005, 47, 599-603.	1.1	11
171	Cranial sutures and craniometric points detected on MRI. <i>Surgical and Radiologic Anatomy</i> , 2005, 27, 64-70.	0.6	39
172	Sciatic nerve entrapment secondary to heterotopic ossification: imaging findings and potential effect of selective cox-2 inhibitors. <i>British Journal of Rheumatology</i> , 2005, 44, 110-110.	2.5	5
173	Acute mesencephalic stroke associated with dilated cystic perivascular spaces. <i>Neurology</i> , 2005, 65, 648-648.	1.5	2
174	Biomechanical evaluation of cervical lateral mass fixation: a comparison of the Roy-Camille and Magerl screw techniques. <i>Journal of Neurosurgery: Spine</i> , 2004, 100, 268-276.	0.9	23
175	Effect of stimulus frequency and stimulation site on the N1m response of the human auditory cortex. <i>Hearing Research</i> , 2004, 197, 55-64.	0.9	31
176	Trouble obsessionnel compulsif secondaire. À propos d'un cas. <i>Annales Medico-Psychologiques</i> , 2004, 162, 378-383.	0.2	0
177	Transpedicular screwing of the seventh cervical vertebra: anatomical considerations and surgical technique. <i>Surgical and Radiologic Anatomy</i> , 2003, 25, 354-360.	0.6	36
178	Early Magnetic Resonance Imaging Prediction of Arterial Recanalization and Late Infarct Volume in Acute Carotid Artery Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 240-248.	2.4	23
179	Hypointense Transcerebral Veins at T2*-Weighted MRI: A Marker of Hemorrhagic Transformation Risk in Patients Treated with Intravenous Tissue Plasminogen Activator. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 1362-1370.	2.4	60
180	MRI contrast uptake in new lesions in relapsing-remitting MS followed at weekly intervals. <i>Neurology</i> , 2003, 60, 640-646.	1.5	222

#	ARTICLE	IF	CITATIONS
181	Dumbbell-shaped epidural capillary hemangioma. American Journal of Neuroradiology, 2003, 24, 190-2.	1.2	40
182	The delayed perfusion sign at MRI. Journal of Neuroradiology, 2003, 30, 172-9.	0.6	14
183	Myelopathy and sciatica induced by an extradural S1 root haemangioblastoma. Neuroradiology, 2002, 44, 494-498.	1.1	23