

Mario Quarantelli

List of Publications by Year in descending order

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Version: 2024-02-01

141
papers

5,174
citations

109321

35
h-index

98798

67
g-index

151
all docs

151
docs citations

151
times ranked

8142
citing authors

#	ARTICLE	IF	CITATIONS
1	Stratification of multiple sclerosis patients using unsupervised machine learning: a single-visit MRI-driven approach. <i>European Radiology</i> , 2022, 32, 5382-5391.	4.5	13
2	Default-Mode Network Connectivity Changes Correlate with Attention Deficits in ALL Long-Term Survivors Treated with Radio- and/or Chemotherapy. <i>Biology</i> , 2022, 11, 499.	2.8	0
3	Investigating the Relationship between White Matter Connectivity and Motivational Circuits in Subjects with Deficit Schizophrenia: A Diffusion Tensor Imaging (DTI) Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 61.	2.4	10
4	A polynomial regression-based approach to estimate relaxation rate maps suitable for multiparametric segmentation of clinical brain MRI studies in multiple sclerosis. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 223, 106957.	4.7	2
5	In vivo imaging of CNS microglial activation/macrophage infiltration with combined [18F]DPA-714-PET and SPIO-MRI in a mouse model of relapsing remitting experimental autoimmune encephalomyelitis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021, 48, 40-52.	6.4	17
6	Reduced Striatal $\langle \text{DAT} \rangle$ Uptake Normalizes After Shunt in Normal-Pressure Hydrocephalus. <i>Movement Disorders</i> , 2021, 36, 261-262.	3.9	9
7	Diffuse brain connectivity changes in Charcot-Marie-Tooth type 1a patients: a resting-state functional magnetic resonance imaging study. <i>European Journal of Neurology</i> , 2021, 28, 305-313.	3.3	3
8	Multimodal MRI Assessment of Thalamic Structural Changes in Earthquake Survivors. <i>Diagnostics</i> , 2021, 11, 70.	2.6	3
9	Unraveling Deep Gray Matter Atrophy and Iron and Myelin Changes in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2021, 42, 1223-1230.	2.4	19
10	The structural connectome constrains fast brain dynamics. <i>ELife</i> , 2021, 10, .	6.0	46
11	A Combined Radiomics and Machine Learning Approach to Overcome the Clinico-radiologic Paradox in Multiple Sclerosis. <i>American Journal of Neuroradiology</i> , 2021, 42, 1927-1933.	2.4	9
12	Amplatz vascular plug IV in the treatment of high flow renal arteriovenous fistula: Case considerations. <i>Radiology Case Reports</i> , 2020, 15, 1442-1445.	0.6	3
13	Magnetic resonance parkinsonism indices and interpeduncular angle in idiopathic normal pressure hydrocephalus and progressive supranuclear palsy. <i>Neuroradiology</i> , 2020, 62, 1657-1665.	2.2	11
14	Brain Plasticity in Charcot-Marie-Tooth Type 1A Patients? A Combined Structural and Diffusion MRI Study. <i>Frontiers in Neurology</i> , 2020, 11, 795.	2.4	7
15	Biofeedback Rehabilitation and Visual Cortex Response in Stargardt's Disease: A Randomized Controlled Trial. <i>Translational Vision Science and Technology</i> , 2020, 9, 6.	2.2	3
16	2D linear measures of ventricular enlargement may be relevant markers of brain atrophy and long-term disability progression in multiple sclerosis. <i>European Radiology</i> , 2020, 30, 3813-3822.	4.5	18
17	Voxel-based analysis of gray matter relaxation rates shows different correlation patterns for cognitive impairment and physical disability in relapsing-remitting multiple sclerosis. <i>NeuroImage: Clinical</i> , 2020, 26, 102201.	2.7	4
18	The "crab sign": an imaging feature of spinocerebellar ataxia type 48. <i>Neuroradiology</i> , 2020, 62, 1095-1103.	2.2	14

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19	Amplatzer vascular plug in renal artery embolization: case report and review of the literature. Egyptian Journal of Radiology and Nuclear Medicine, 2020, 51, .	0.6	0
20	Multivariate fuzzy analysis of brain tissue volumes and relaxation rates for supporting the diagnosis of relapsing-remitting multiple sclerosis. Biomedical Signal Processing and Control, 2019, 53, 101591.	5.7	1
21	Neural Correlates of Facial Expression Recognition in Earthquake Witnesses. Frontiers in Neuroscience, 2019, 13, 1038.	2.8	7
22	White matter structural connectivity abnormalities in subjects with deficit schizophrenia: A diffusion tensor imaging study. European Neuropsychopharmacology, 2019, 29, S110.	0.7	0
23	Brain tissue volumes and relaxation rates in multiple sclerosis: implications for cognitive impairment. Journal of Neurology, 2019, 266, 361-368.	3.6	9
24	Selective map-following navigation deficit: A new case of developmental topographical disorientation. Journal of Clinical and Experimental Neuropsychology, 2018, 40, 940-950.	1.3	17
25	Default mode network modifications in <scp>F</scp>abry disease: A restingâ€state fMRI study with structural correlations. Human Brain Mapping, 2018, 39, 1755-1764.	3.6	25
26	Simultaneous resting-state FDG-PET/fMRI in Alzheimer Disease: Relationship between glucose metabolism and intrinsic activity. NeuroImage, 2018, 176, 246-258.	4.2	105
27	Avolition-Apathy and White Matter Connectivity in Schizophrenia: Reduced Fractional Anisotropy Between Amygdala and Insular Cortex. Clinical EEG and Neuroscience, 2018, 49, 55-65.	1.7	31
28	Reader response: Increased resting cerebral blood flow in adult Fabry disease: MRI arterial spin labeling study. Neurology, 2018, 91, 1071-1072.	1.1	0
29	Reversible Valproate-Induced Subacute Encephalopathy Associated With a MT-ATP8 Variant in the Mitochondrial Genome. Frontiers in Neurology, 2018, 9, 728.	2.4	13
30	Visual Cortex Activation in Patients With Stargardt Disease. , 2018, 59, 1503.		5
31	Reduced Intracranial Volume in Fabry Disease: Evidence of Abnormal Neurodevelopment?. Frontiers in Neurology, 2018, 9, 672.	2.4	12
32	Cognitive and functional connectivity alterations in Friedreich's ataxia. Annals of Clinical and Translational Neurology, 2018, 5, 677-686.	3.7	21
33	Pragmatic abilities in multiple sclerosis: The contribution of the temporo-parietal junction. Brain and Language, 2018, 185, 47-53.	1.6	25
34	Superparamagnetic iron oxide nanocolloids in MRI studies of neuroinflammation. Journal of Neuroscience Methods, 2018, 310, 12-23.	2.5	13
35	Alterations of functional connectivity of the motor cortex in Fabry disease. Neurology, 2017, 88, 1822-1829.	1.1	19
36	Growth hormone/IGF-1 axis longitudinal evaluation in clinically isolated syndrome patients on interferon Î²-1b therapy: stimulation tests and correlations with clinical and radiological conversion to multiple sclerosis. European Journal of Neurology, 2017, 24, 446-449.	3.3	2

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37	Author response: Alterations of functional connectivity of the motor cortex in Fabry disease: An RS-fMRI study. <i>Neurology</i> , 2017, 89, 1842-1843.	1.1	0
38	Regional Dose Differences Associated with Radiation-Induced Acute Severe Dysphagia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S50.	0.8	0
39	Immunometabolic profiling of patients with multiple sclerosis identifies new biomarkers to predict disease activity during treatment with interferon beta-1a. <i>Clinical Immunology</i> , 2017, 183, 249-253.	3.2	11
40	PO-0639: Feasibility of tract based dosimetric analysis in brain tumor patients. <i>Radiotherapy and Oncology</i> , 2017, 123, S334-S335.	0.6	0
41	Pragmatic abilities in multiple sclerosis: An RS-fMRI study. <i>Journal of the Neurological Sciences</i> , 2017, 381, 442.	0.6	1
42	Grey:white matter ratio at diagnosis and the risk of 10-year multiple sclerosis progression. <i>European Journal of Neurology</i> , 2017, 24, 195-204.	3.3	12
43	Functional MRI signal fluctuations highlight altered resting brain activity in Huntington's disease. <i>Brain Imaging and Behavior</i> , 2017, 11, 1459-1469.	2.1	11
44	Altered functional connectivity of interoception in illness anxiety disorder. <i>Cortex</i> , 2017, 86, 22-32.	2.4	28
45	The influence of interoceptive awareness on functional connectivity in patients with irritable bowel syndrome. <i>Brain Imaging and Behavior</i> , 2017, 11, 1117-1128.	2.1	28
46	Extra-osseous ^{99m} Tc methylene diphosphonate uptake detected enlargement of the knee joint in patient with polyarthritis. <i>SAGE Open Medical Case Reports</i> , 2017, 5, 2050313X1774182.	0.3	0
47	SPG5 and multiple sclerosis: clinical and genetic overlap?. <i>Acta Neurologica Scandinavica</i> , 2016, 133, 410-414.	2.1	2
48	Voxel Based Analysis of Dose Maps: Are We Addressing the Right Strategy?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S223-S224.	0.8	0
49	Is advanced neuroimaging for neuroradiologists? A systematic review of the scientific literature of the last decade. <i>Neuroradiology</i> , 2016, 58, 1233-1239.	2.2	17
50	D15...Functional mri signal fluctuations highlight altered resting brain activity in huntington's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, A39.1-A39.	1.9	0
51	A Voxel-Based Approach to Explore Local Dose Differences Associated With Radiation-Induced Lung Damage. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 127-133.	0.8	40
52	<i>CCM3/PDCD10</i> gene mutation in cerebral cavernous malformations associated with hyperkeratotic cutaneous capillary venous malformations. <i>Journal of Dermatology</i> , 2016, 43, 962-963.	1.2	2
53	Imaging of brain TSPO expression in a mouse model of amyotrophic lateral sclerosis with 18F-DPA-714 and micro-PET/CT. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1348-1359.	6.4	33
54	No evidence for an effect on brain atrophy rate of atorvastatin add-on to interferon β 1b therapy in relapsing-remitting multiple sclerosis (the ARIANNA study). <i>Multiple Sclerosis Journal</i> , 2016, 22, 1163-1173.	3.0	24

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55	Subclinical neurological involvement does not develop if Wilson's disease is treated early. <i>Parkinsonism and Related Disorders</i> , 2016, 24, 15-19.	2.2	34
56	In vivo dentate nucleus MRI relaxometry correlates with previous administration of Gadolinium-based contrast agents. <i>European Radiology</i> , 2016, 26, 4577-4584.	4.5	73
57	Movement Disorders: Focus on Parkinson's Disease and Related Disorders. , 2016, , 103-125.		0
58	Modifications of resting state networks in spinocerebellar ataxia type 2. <i>Movement Disorders</i> , 2015, 30, 1382-1390.	3.9	22
59	Cerebral Involvement in Stargardt's Disease: A VBM and TBSS Study. , 2015, 56, 7388.		16
60	MRI/MRS in neuroinflammation: methodology and applications. <i>Clinical and Translational Imaging</i> , 2015, 3, 475-489.	2.1	49
61	In vivo imaging and characterization of [18F]DPA-714, a potential new TSPO ligand, in mouse brain and peripheral tissues using small-animal PET. <i>Nuclear Medicine and Biology</i> , 2015, 42, 309-316.	0.6	57
62	Relationship between simultaneously acquired resting-state regional cerebral glucose metabolism and functional MRI: A PET/MR hybrid scanner study. <i>NeuroImage</i> , 2015, 113, 111-121.	4.2	182
63	A randomized controlled pilot trial of lithium in spinocerebellar ataxia type 2. <i>Journal of Neurology</i> , 2015, 262, 149-153.	3.6	32
64	The combined use of conventional MRI and MR spectroscopic imaging increases the diagnostic accuracy in amyotrophic lateral sclerosis. <i>European Journal of Radiology</i> , 2015, 84, 151-157.	2.6	19
65	Current Status and Future Prospective of Neuroimaging for Epilepsy. , 2015, , 109-137.		0
66	Patients with Poor Response to Antipsychotics Have a More Severe Pattern of Frontal Atrophy: A Voxel-Based Morphometry Study of Treatment Resistance in Schizophrenia. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	32
67	Is Anterior Communicating Artery Syndrome Related to Fornix Lesions?. <i>Journal of Alzheimer's Disease</i> , 2014, 42, S199-S204.	2.6	9
68	Effects of Bacille Calmette-Guérin after the first demyelinating event in the CNS. <i>Neurology</i> , 2014, 82, 41-48.	1.1	128
69	Automated delineation of brain structures in patients undergoing radiotherapy for primary brain tumors: From atlas to dose-volume histograms. <i>Radiotherapy and Oncology</i> , 2014, 112, 326-331.	0.6	29
70	Accuracy of neurosonography and MRI in clinical management of fetuses referred with central nervous system abnormalities. <i>Ultrasound in Obstetrics and Gynecology</i> , 2014, 44, 188-196.	1.7	62
71	Intracranial pressure in unresponsive chronic migraine. <i>Journal of Neurology</i> , 2014, 261, 1365-1373.	3.6	44
72	PARK20 caused by SYNJ1 homozygous Arg258Gln mutation in a new Italian family. <i>Neurogenetics</i> , 2014, 15, 183-188.	1.4	107

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73	Structural connectivity in a single case of progressive prosopagnosia: The role of the right inferior longitudinal fasciculus. <i>Cortex</i> , 2014, 56, 111-120.	2.4	61
74	PO-0894: DTI and attention function. Dose-response evaluation in partial brain irradiation. <i>Radiotherapy and Oncology</i> , 2014, 111, S102.	0.6	0
75	Mutation in the <i>SYNJ1</i> Gene Associated with Autosomal Recessive, Early-Onset Parkinsonism. <i>Human Mutation</i> , 2013, 34, 1208-1215.	2.5	276
76	Steroid treatment in Ataxia-Telangiectasia induces alterations of functional magnetic resonance imaging during prono-supination task. <i>European Journal of Paediatric Neurology</i> , 2013, 17, 135-140.	1.6	23
77	Atypical clinical and radiological presentation of cryptococcal choroid plexitis in an immunocompetent woman. <i>Journal of the Neurological Sciences</i> , 2013, 334, 180-182.	0.6	19
78	A randomized clinical trial of lithium in multiple system atrophy. <i>Journal of Neurology</i> , 2013, 260, 458-461.	3.6	36
79	Natalizumab is effective in multiple sclerosis patients switching from other disease modifying therapies in clinical practice. <i>Neurological Sciences</i> , 2013, 34, 521-528.	1.9	20
80	Default-Mode Network Changes in Huntington's Disease: An Integrated MRI Study of Functional Connectivity and Morphometry. <i>PLoS ONE</i> , 2013, 8, e72159.	2.5	47
81	Noninvasive Molecular Imaging of Neuroinflammation. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2012, 32, 1393-1415.	4.3	216
82	Dorsolateral prefrontal cortex volume in patients with deficit or nondéficit schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2012, 37, 264-269.	4.8	30
83	Subacute combined degeneration of the spinal cord in a vegan. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 1000-1002.	1.4	9
84	75 AN AUTOMATED ATLAS-BASED METHOD FOR DEFINITION OF BRAIN STRUCTURES ON SEGMENTATED MRI IN PATIENTS WITH PRIMARY BRAIN NEOPLASMS. <i>Radiotherapy and Oncology</i> , 2012, 102, S26.	0.6	0
85	Choroid Plexus Carcinoma: Prenatal Characterization by 3Dimensional Sonography and Magnetic Resonance Imaging, Perinatal Management, and Natural History. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 337-339.	1.7	5
86	Abnormal or delayed development of the posterior membranous area of the brain: anatomy, ultrasound diagnosis, natural history and outcome of Blake's pouch cyst in the fetus. <i>Ultrasound in Obstetrics and Gynecology</i> , 2012, 39, 279-287.	1.7	67
87	Natalizumab vs interferon beta 1a in relapsing-remitting multiple sclerosis: a head-to-head retrospective study. <i>Acta Neurologica Scandinavica</i> , 2012, 126, 306-314.	2.1	25
88	A randomized controlled clinical trial of growth hormone in amyotrophic lateral sclerosis: clinical, neuroimaging, and hormonal results. <i>Journal of Neurology</i> , 2012, 259, 132-138.	3.6	47
89	Lithium in Multisystem Atrophy: Lack of Efficacy and Safety Issues (P06.073). <i>Neurology</i> , 2012, 78, P06.073-P06.073.	1.1	0
90	Insulin-like growth factor (IGF)-I and IGF-binding protein-3 serum levels in relapsing-remitting and secondary progressive multiple sclerosis patients. <i>European Journal of Neurology</i> , 2011, 18, 1402-1406.	3.3	17

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91	Novel ATP13A2 (PARK9) homozygous mutation in a family with marked phenotype variability. <i>Neurogenetics</i> , 2011, 12, 33-39.	1.4	84
92	Changes in magnetic resonance imaging disease measures over 3 years in mildly disabled patients with relapsing-remitting multiple sclerosis receiving interferon β -1a in the COGNitive Impairment in MULTiple Sclerosis (COGIMUS) study. <i>BMC Neurology</i> , 2011, 11, 125.	1.8	11
93	An MRI digital brain phantom for validation of segmentation methods. <i>Medical Image Analysis</i> , 2011, 15, 329-339.	11.6	19
94	SPECT imaging of GABAA/benzodiazepine receptors and cerebral perfusion in mild cognitive impairment. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1156-1163.	6.4	16
95	Complex phenotype in an Italian family with a novel mutation in SPG3A. <i>Journal of Neurology</i> , 2010, 257, 328-331.	3.6	5
96	Atorvastatin Combined To Interferon to Verify the Efficacy (ACTIVE) in relapsing-remitting active multiple sclerosis patients: a longitudinal controlled trial of combination therapy. <i>Multiple Sclerosis Journal</i> , 2010, 16, 450-454.	3.0	79
97	A voxel-based morphometry study of disease severity correlates in relapsing-remitting multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2010, 16, 45-54.	3.0	45
98	Brain alteration in a Nude/SCID fetus carrying FOXP1 homozygous mutation. <i>Journal of the Neurological Sciences</i> , 2010, 298, 121-123.	0.6	12
99	Is the distance between mammillary bodies predictive of a thickened third ventricle floor?. <i>Journal of Neurosurgery</i> , 2009, 110, 852-857.	1.6	19
100	Brain atrophy evolution and lesion load accrual in multiple sclerosis: a 2-year follow-up study. <i>Multiple Sclerosis Journal</i> , 2009, 15, 204-211.	3.0	16
101	Two novel CYP7B1 mutations in Italian families with SPG5: a clinical and genetic study. <i>Journal of Neurology</i> , 2009, 256, 1252-1257.	3.6	39
102	Prenatal 2D and 3D ultrasound diagnosis of diaphragm: case report with post-mortem magnetic resonance images (MRI) and review of the literature. <i>Prenatal Diagnosis</i> , 2009, 29, 992-994.	2.3	14
103	FP30-WE-03 Serum levels of insulin-like growth factor-1 and insulin-like growth factor binding protein-3 in relapsing and secondary progressive IFN beta treated MS patients. <i>Journal of the Neurological Sciences</i> , 2009, 285, S105.	0.6	0
104	Prenatal Diagnosis of Seckel Syndrome on 3-Dimensional Sonography and Magnetic Resonance Imaging. <i>Journal of Ultrasound in Medicine</i> , 2009, 28, 369-374.	1.7	16
105	¹⁸ F-FDG PET/CT, ^{99m} Tc-MIBI, and MRI in Evaluation of Patients with Multiple Myeloma. <i>Journal of Nuclear Medicine</i> , 2008, 49, 195-200.	5.0	155
106	Patterns of Structural MRI Abnormalities in Deficit and Nondeficit Schizophrenia. <i>Schizophrenia Bulletin</i> , 2007, 34, 393-401.	4.3	85
107	MRI Characterization of Myocardial Tissue in Patients with Fabry's Disease. <i>American Journal of Roentgenology</i> , 2007, 188, 850-853.	2.2	36
108	On-wafer RF Figure-of-Merit Circuit Block Design for Technology Development, Process Control and PDK Validation. , 2007, , .		0

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109	Is uterine artery embolization for cervical ectopic pregnancy always safe?. Journal of Minimally Invasive Gynecology, 2007, 14, 758-763.	0.6	29
110	Correlation between fatigue and brain atrophy and lesion load in multiple sclerosis patients independent of disability. Journal of the Neurological Sciences, 2007, 263, 15-19.	0.6	130
111	Neuroimaging follow-up in a case of Rasmussen's encephalitis with dyskinesias. Movement Disorders, 2007, 22, 2117-2121.	3.9	2
112	Massive fetal hemorrhage and fetomaternal alloimmune thrombocytopenia from human platelet antigen 5b incompatibility: an unusual association. Ultrasound in Obstetrics and Gynecology, 2007, 29, 471-474.	1.7	3
113	Grey matter loss in relapsing-remitting multiple sclerosis: A voxel-based morphometry study. NeuroImage, 2006, 29, 859-867.	4.2	167
114	Modifications of brain tissue volumes in facioscapulohumeral dystrophy. NeuroImage, 2006, 32, 1237-1242.	4.2	26
115	Mapping the Relative Contribution of Gray Matter Activity vs. Volume in Brain PET: A New Approach. Journal of Neuroimaging, 2006, 16, 224-235.	2.0	4
116	Characteristics, associations and outcome of partial agenesis of the corpus callosum in the fetus. Ultrasound in Obstetrics and Gynecology, 2006, 27, 509-516.	1.7	120
117	Large intratentorial subdural hemorrhage diagnosed by ultrasound and MRI in a second-trimester fetus. Ultrasound in Obstetrics and Gynecology, 2005, 26, 789-791.	1.7	15
118	Brain atrophy and lesion load in a large population of patients with multiple sclerosis. Neurology, 2005, 65, 280-285.	1.1	142
119	Robust Design of Low EMI Susceptibility CMOS OpAmp. IEEE Transactions on Electromagnetic Compatibility, 2004, 46, 291-298.	2.2	23
120	Integrated software for the analysis of brain PET/SPECT studies with partial-volume-effect correction. Journal of Nuclear Medicine, 2004, 45, 192-201.	5.0	161
121	Brain tissue volume changes in relapsing-remitting multiple sclerosis: correlation with lesion load. NeuroImage, 2003, 18, 360-366.	4.2	82
122	Stereotaxy-Based Regional Brain Volumetry Applied to Segmented MRI: Validation and Results in Deficit and Nondeficit Schizophrenia. NeuroImage, 2002, 17, 373-384.	4.2	49
123	Reduced prefrontal activity predicts exaggerated striatal dopaminergic function in schizophrenia. Nature Neuroscience, 2002, 5, 267-271.	14.8	603
124	Voxel-based comparison of rCBF SPET images in frontotemporal dementia and Alzheimer's disease highlights the involvement of different cortical networks. European Journal of Nuclear Medicine and Molecular Imaging, 2002, 29, 1447-1454.	6.4	55
125	Multiparameter time-domain sensitivity computation. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2001, 48, 1296-1307.	0.1	4
126	Assessment of scanner performance and normalization of estimated relaxation rate values. Magnetic Resonance Imaging, 2001, 19, 123-128.	1.8	1

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127	Measurement of global brain atrophy in alzheimer's disease with unsupervised segmentation of spin-echo MRI studies. Journal of Magnetic Resonance Imaging, 2000, 11, 260-266.	3.4	27
128	Automated segmentation and measurement of global white matter lesion volume in patients with multiple sclerosis. Journal of Magnetic Resonance Imaging, 2000, 12, 799-807.	3.4	91
129	Analysis of the impact of process variations on clock skew. IEEE Transactions on Semiconductor Manufacturing, 2000, 13, 401-407.	1.7	49
130	Impact of unrealistic worst case modeling on the performance of VLSI circuits in deep submicron CMOS technologies. IEEE Transactions on Semiconductor Manufacturing, 1999, 12, 396-402.	1.7	23
131	Reproducibility of intracranial volume measurement by unsupervised multispectral brain segmentation. Magnetic Resonance in Medicine, 1998, 39, 497-499.	3.0	25
132	Unsupervised, automated segmentation of the normal brain using a multispectral relaxometric magnetic resonance approach. Magnetic Resonance in Medicine, 1997, 37, 84-93.	3.0	89
133	MRI detects acute degeneration of the nigrostriatal dopamine system after MPTP exposure in hemiparkinsonian monkeys. Annals of Neurology, 1994, 35, 689-697.	5.3	33
134	Analysis of leucocyte populations with the Coulter S-Plus STKR as a screening tool for haematological abnormalities. International Journal of Laboratory Hematology, 1991, 13, 51-66.	0.2	0
135	Applying a submicron mismatch model to practical IC design. , 0, , .		15
136	Manufacturability of low power CMOS technology solutions. , 0, , .		11
137	Transient sensitivity computation in circuit simulation. , 0, , .		2
138	Characterization and modeling of MOSFET mismatch of a deep submicron technology. , 0, , .		21
139	High EMI immunity CMOS opamp: design and measurements. , 0, , .		1
140	Scaling rules and parameter tuning procedure for analog design reuse in technology migration. , 0, , .		7
141	Test structures and analysis techniques for estimation of the impact of layout on MOSFET performance and variability. , 0, , .		10