

Michela Pievani

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

6,940
citations

66343

42
h-index

64796

79
g-index

115
all docs

115
docs citations

115
times ranked

9373
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2022, 145, 1805-1817. | 7.6 | 27 |
| 2 | Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum τ NfL and τ pNfH: A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2022, 91, 33-47. | 5.3 | 21 |
| 3 | Brain network modulation in Alzheimer's and frontotemporal dementia with transcranial electrical stimulation. <i>Neurobiology of Aging</i> , 2022, 111, 24-34. | 3.1 | 16 |
| 4 | Aberrant Structural Connectivity of the Triple Network System in Borderline Personality Disorder Is Associated with Behavioral Dysregulation. <i>Journal of Clinical Medicine</i> , 2022, 11, 1757. | 2.4 | 1 |
| 5 | Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514. | 0.8 | 36 |
| 6 | Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194. | 5.9 | 42 |
| 7 | Functional Imaging to Guide Network-Based TMS Treatments: Toward a Tailored Medicine Approach in Alzheimer's Disease. <i>Frontiers in Neuroscience</i> , 2021, 15, 687493. | 2.8 | 10 |
| 8 | Convergent and Discriminant Validity of Default Mode Network and Limbic Network Perfusion in Amnesic Mild Cognitive Impairment Patients. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 1797-1808. | 2.6 | 4 |
| 9 | Targeting Default Mode Network Dysfunction in Persons at Risk of Alzheimer's Disease with Transcranial Magnetic Stimulation (NEST4AD): Rationale and Study Design. <i>Journal of Alzheimer's Disease</i> , 2021, 83, 1-13. | 2.6 | 4 |
| 10 | Using normative modelling to detect disease progression in mild cognitive impairment and Alzheimer's disease in a cross-sectional multi-cohort study. <i>Scientific Reports</i> , 2021, 11, 15746. | 3.3 | 37 |
| 11 | Breakdown of specific functional brain networks in clinical variants of Alzheimer's disease. <i>Ageing Research Reviews</i> , 2021, 72, 101482. | 10.9 | 21 |
| 12 | A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021, 16, 79. | 10.8 | 9 |
| 13 | Divergent brain connectivity patterns in relation to cognition in Alzheimer's disease and frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, . | 0.8 | 0 |
| 14 | Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 145-156. | 10.2 | 175 |
| 15 | Age at onset reveals different functional connectivity abnormalities in prodromal Alzheimer's disease. <i>Brain Imaging and Behavior</i> , 2020, 14, 2594-2605. | 2.1 | 17 |
| 16 | In vivo imaging of locus coeruleus integrity at ultra-high field: A feasibility study. <i>Alzheimer's and Dementia</i> , 2020, 16, e040835. | 0.8 | 0 |
| 17 | Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932. | 4.2 | 38 |
| 18 | Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic <i>C9orf72</i> Repeat Expansion Adult Carriers. <i>Annals of Neurology</i> , 2020, 88, 113-122. | 5.3 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | ICâ€158: BRAIN NETWORK MODULATION IN ALZHEIMER'S DISEASE AND BEHAVIORAL VARIANT FRONTOTEMPORAL DEMENTIA WITH ELECTRICAL STIMULATION: A PILOT DOUBLEâ€BLIND RANDOMIZED TRIAL. <i>Alzheimer's and Dementia</i> , 2019, 15, P126. | 0.8 | 0 |
| 20 | Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111. | 10.2 | 128 |
| 21 | The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654. | 4.2 | 33 |
| 22 | Neurobiological and clinical effect of metacognitive interpersonal therapy vs structured clinical model: study protocol for a randomized controlled trial. <i>BMC Psychiatry</i> , 2019, 19, 195. | 2.6 | 4 |
| 23 | Wholeâ€brain microstructural white matter alterations in borderline personality disorder patients. <i>Personality and Mental Health</i> , 2019, 13, 96-106. | 1.2 | 10 |
| 24 | Diffuse white matter alteration in CLIPPERS: Advanced MRI findings from two cases. <i>Journal of the Neurological Sciences</i> , 2019, 402, 40-47. | 0.6 | 1 |
| 25 | Evolutionary modifications in human brain connectivity associated with schizophrenia. <i>Brain</i> , 2019, 142, 3991-4002. | 7.6 | 56 |
| 26 | White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102077. | 2.7 | 27 |
| 27 | Levodopa may affect cortical excitability in Parkinson's disease patients with cognitive deficits as revealed by reduced activity of cortical sources of resting state electroencephalographic rhythms. <i>Neurobiology of Aging</i> , 2019, 73, 9-20. | 3.1 | 26 |
| 28 | Abnormalities in functional connectivity in borderline personality disorder: Correlations with metacognition and emotion dysregulation. <i>Psychiatry Research - Neuroimaging</i> , 2019, 283, 118-124. | 1.8 | 33 |
| 29 | Spatiotemporal analysis for detection of pre-symptomatic shape changes in neurodegenerative diseases: Initial application to the GENFI cohort. <i>NeuroImage</i> , 2019, 188, 282-290. | 4.2 | 16 |
| 30 | Functional network resilience to pathology in presymptomatic genetic frontotemporal dementia. <i>Neurobiology of Aging</i> , 2019, 77, 169-177. | 3.1 | 47 |
| 31 | Next Generation Sequencing Analysis in Early Onset Dementia Patients. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 243-256. | 2.6 | 29 |
| 32 | Abnormalities of Resting State Cortical EEG Rhythms in Subjects with Mild Cognitive Impairment Due to Alzheimerâ€™s and Lewy Body Diseases. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 247-268. | 2.6 | 50 |
| 33 | Functional cortical source connectivity of resting state electroencephalographic alpha rhythms shows similar abnormalities in patients with mild cognitive impairment due to Alzheimerâ€™s and Parkinsonâ€™s diseases. <i>Clinical Neurophysiology</i> , 2018, 129, 766-782. | 1.5 | 45 |
| 34 | Abnormalities of resting-state functional cortical connectivity in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. <i>Neurobiology of Aging</i> , 2018, 65, 18-40. | 3.1 | 61 |
| 35 | Patterns of gray matter atrophy in genetic frontotemporal dementia: results from the GENFI study. <i>Neurobiology of Aging</i> , 2018, 62, 191-196. | 3.1 | 151 |
| 36 | Association of postoperative delirium with markers of neurodegeneration and brain amyloidosis: a pilot study. <i>Neurobiology of Aging</i> , 2018, 61, 93-101. | 3.1 | 18 |

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|----|--|-----|-----------|
| 37 | Progranulin plasma levels predict the presence of GRN mutations in asymptomatic subjects and do not correlate with brain atrophy: results from the GENFI study. <i>Neurobiology of Aging</i> , 2018, 62, 245.e9-245.e12. | 3.1 | 40 |
| 38 | P2â€Pâ€170: AMYLOIDâ€PET FOR MYELIN IMAGING IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P836. | 0.8 | 0 |
| 39 | P1â€395: FUNCTIONAL NETWORK CONNECTIVITY CHANGES IN EARLY AND LATE ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P453. | 0.8 | 0 |
| 40 | Non-Invasive Brain Stimulation in Dementia: A Complex Network Story. <i>Neurodegenerative Diseases</i> , 2018, 18, 281-301. | 1.4 | 39 |
| 41 | ICâ€Pâ€040: FUNCTIONAL NETWORK CONNECTIVITY CHANGES IN EARLY AND LATE ONSET ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P41. | 0.8 | 0 |
| 42 | Presymptomatic white matter integrity loss in familial frontotemporal dementia in the <sc>GENFI</sc> cohort: A crossâ€sectional diffusion tensor imaging study. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1025-1036. | 3.7 | 39 |
| 43 | The European DTI Study on Dementia â€” A multicenter DTI and MRI study on Alzheimer's disease and Mild Cognitive Impairment. <i>NeuroImage</i> , 2017, 144, 305-308. | 4.2 | 33 |
| 44 | Abnormalities of cortical neural synchronization mechanisms in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. <i>Neurobiology of Aging</i> , 2017, 55, 143-158. | 3.1 | 76 |
| 45 | Cognitive reserve and TMEM106B genotype modulate brain damage in presymptomatic frontotemporal dementia: a GENFI study. <i>Brain</i> , 2017, 140, 1784-1791. | 7.6 | 55 |
| 46 | White matter hyperintensities are seen only in GRN mutation carriers in the GENFI cohort. <i>NeuroImage: Clinical</i> , 2017, 15, 171-180. | 2.7 | 63 |
| 47 | Coordinate-Based Meta-Analysis of the Default Mode and Salience Network for Target Identification in Non-Invasive Brain Stimulation of Alzheimerâ€™s Disease and Behavioral Variant Frontotemporal Dementia Networks. <i>Journal of Alzheimer's Disease</i> , 2017, 57, 825-843. | 2.6 | 37 |
| 48 | Abnormalities of Cortical Neural Synchronization Mechanisms in Subjects with Mild Cognitive Impairment due to Alzheimerâ€™s and Parkinsonâ€™s Diseases: An EEG Study. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 339-358. | 2.6 | 45 |
| 49 | [ICâ€Pâ€173]: NONâ€INVASIVE BRAIN MODULATION OF ABERRANT NETWORKS IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P129. | 0.8 | 0 |
| 50 | [ICâ€Pâ€174]: NETWORKâ€BASED MODULATION OF CEREBRAL PERFUSION AND FUNCTIONAL CONNECTIVITY IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P130. | 0.8 | 0 |
| 51 | Cerebral PET glucose hypometabolism in subjects with mild cognitive impairment and higher EEG high-alpha/low-alpha frequency power ratio. <i>Neurobiology of Aging</i> , 2017, 58, 213-224. | 3.1 | 15 |
| 52 | [P1â€399]: NONâ€INVASIVE BRAIN MODULATION OF ABERRANT NETWORKS IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P425. | 0.8 | 0 |
| 53 | [P2â€334]: NETWORKâ€BASED MODULATION OF CEREBRAL PERFUSION AND FUNCTIONAL CONNECTIVITY IN ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P748. | 0.8 | 0 |
| 54 | Genetic Counseling and Testing for Alzheimerâ€™s Disease and Frontotemporal Lobar Degeneration: An Italian Consensus Protocol. <i>Journal of Alzheimer's Disease</i> , 2016, 51, 277-291. | 2.6 | 18 |

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|----|---|------|-----------|
| 55 | Assessment of the Incremental Diagnostic Value of Florbetapir F 18 Imaging in Patients With Cognitive Impairment. <i>JAMA Neurology</i> , 2016, 73, 1417. | 9.0 | 84 |
| 56 | Brain networks stimulation in dementia: insights from functional imaging. <i>Current Opinion in Neurology</i> , 2016, 29, 756-762. | 3.6 | 19 |
| 57 | Do Beliefs about the Pathogenetic Role of Amyloid Affect the Interpretation of Amyloid PET in the Clinic?. <i>Neurodegenerative Diseases</i> , 2016, 16, 111-117. | 1.4 | 6 |
| 58 | Brain atrophy in Alzheimer's Disease and aging. <i>Ageing Research Reviews</i> , 2016, 30, 25-48. | 10.9 | 507 |
| 59 | Presymptomatic cognitive and neuroanatomical changes in genetic frontotemporal dementia in the Genetic Frontotemporal dementia Initiative (GENFI) study: a cross-sectional analysis. <i>Lancet Neurology</i> , 2015, 14, 253-262. | 10.2 | 432 |
| 60 | Predicting Prodromal Alzheimer's Disease in Subjects with Mild Cognitive Impairment Using Machine Learning Classification of Multimodal Multicenter Diffusion Tensor and Magnetic Resonance Imaging Data. <i>Journal of Neuroimaging</i> , 2015, 25, 738-747. | 2.0 | 79 |
| 61 | Training labels for hippocampal segmentation based on the EADC-ADNI harmonized hippocampal protocol. <i>Alzheimer's and Dementia</i> , 2015, 11, 175-183. | 0.8 | 105 |
| 62 | Hippocampal atrophy in people with memory deficits: results from the population-based IPREA study. <i>International Psychogeriatrics</i> , 2014, 26, 1067-1081. | 1.0 | 19 |
| 63 | Medial temporal atrophy in early and late-onset Alzheimer's disease. <i>Neurobiology of Aging</i> , 2014, 35, 2004-2012. | 3.1 | 59 |
| 64 | Brain connectivity in neurodegenerative diseases—from phenotype to proteinopathy. <i>Nature Reviews Neurology</i> , 2014, 10, 620-633. | 10.1 | 258 |
| 65 | Pattern of structural and functional brain abnormalities in asymptomatic granulin mutation carriers. <i>Alzheimer's and Dementia</i> , 2014, 10, S354-S363.e1. | 0.8 | 48 |
| 66 | Neural signatures of the interaction between the 5-HTTLPR genotype and stressful life events in healthy women. <i>Psychiatry Research - Neuroimaging</i> , 2014, 223, 157-163. | 1.8 | 14 |
| 67 | The topography of brain damage at different stages of Parkinson's disease. <i>Human Brain Mapping</i> , 2013, 34, 2798-2807. | 3.6 | 61 |
| 68 | Structural brain features of borderline personality and bipolar disorders. <i>Psychiatry Research - Neuroimaging</i> , 2013, 213, 83-91. | 1.8 | 43 |
| 69 | Striatal morphology in early-onset and late-onset Alzheimer's disease: a preliminary study. <i>Neurobiology of Aging</i> , 2013, 34, 1728-1739. | 3.1 | 52 |
| 70 | The in vivo topography of cortical changes in healthy aging and prodromal Alzheimer's disease. <i>Supplements To Clinical Neurophysiology</i> , 2013, 62, 67-80. | 2.1 | 8 |
| 71 | Robust Automated Detection of Microstructural White Matter Degeneration in Alzheimer's Disease Using Machine Learning Classification of Multicenter DTI Data. <i>PLoS ONE</i> , 2013, 8, e64925. | 2.5 | 89 |
| 72 | A Score to Predict the Development of Adverse Clinical Events after Transition from Acute Hospital Wards to Post-Acute Care Settings. <i>Rejuvenation Research</i> , 2012, 15, 553-563. | 1.8 | 18 |

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|----|---|------|-----------|
| 73 | Volumetric and topographic differences in hippocampal subdivisions in borderline personality and bipolar disorders. <i>Psychiatry Research - Neuroimaging</i> , 2012, 203, 132-138. | 1.8 | 31 |
| 74 | Early and late onset Alzheimer's disease patients have distinct patterns of white matter damage. <i>Neurobiology of Aging</i> , 2012, 33, 1023-1033. | 3.1 | 61 |
| 75 | Resting state fMRI in Alzheimer's disease: beyond the default mode network. <i>Neurobiology of Aging</i> , 2012, 33, 1564-1578. | 3.1 | 497 |
| 76 | Diffusion tensor MRI contributes to differentiate Richardson's syndrome from PSP-parkinsonism. <i>Neurobiology of Aging</i> , 2012, 33, 2817-2826. | 3.1 | 48 |
| 77 | A multi-element psychosocial intervention for early psychosis (GET UP PIANO TRIAL) conducted in a catchment area of 10 million inhabitants: study protocol for a pragmatic cluster randomized controlled trial. <i>Trials</i> , 2012, 13, 73. | 1.6 | 47 |
| 78 | Norms for Imaging Markers of Brain Reserve. <i>Journal of Alzheimer's Disease</i> , 2012, 31, 623-633. | 2.6 | 18 |
| 79 | Combining DTI and MRI for the Automated Detection of Alzheimer's Disease Using a Large European Multicenter Dataset. <i>Lecture Notes in Computer Science</i> , 2012, , 18-28. | 1.3 | 16 |
| 80 | Reactivity of Cortical Alpha Rhythms to Eye Opening in Mild Cognitive Impairment and Alzheimer's Disease: an EEG Study. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1047-1064. | 2.6 | 66 |
| 81 | APOE4 is associated with greater atrophy of the hippocampal formation in Alzheimer's disease. <i>NeuroImage</i> , 2011, 55, 909-919. | 4.2 | 116 |
| 82 | Survey of Protocols for the Manual Segmentation of the Hippocampus: Preparatory Steps Towards a Joint EADC-ADNI Harmonized Protocol. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 61-75. | 2.6 | 125 |
| 83 | Disease Tracking Markers for Alzheimer's Disease at the Prodromal (MCI) Stage. <i>Journal of Alzheimer's Disease</i> , 2011, 26, 159-199. | 2.6 | 120 |
| 84 | Cortex and amygdala morphology in psychopathy. <i>Psychiatry Research - Neuroimaging</i> , 2011, 193, 85-92. | 1.8 | 118 |
| 85 | Functional network disruption in the degenerative dementias. <i>Lancet Neurology</i> , The, 2011, 10, 829-843. | 10.2 | 422 |
| 86 | Stability of clinical condition in mild cognitive impairment is related to cortical sources of alpha rhythms: An electroencephalographic study. <i>Human Brain Mapping</i> , 2011, 32, 1916-1931. | 3.6 | 41 |
| 87 | Hippocampal segmentation by Random Forest classification. , 2011, , . | | 2 |
| 88 | White Matter Damage in Alzheimer Disease and Its Relationship to Gray Matter Atrophy. <i>Radiology</i> , 2011, 258, 853-863. | 7.3 | 263 |
| 89 | Global Functional Coupling of Resting EEG Rhythms is Related to White-Matter Lesions Along the Cholinergic Tracts in Subjects with Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2010, 19, 859-871. | 2.6 | 63 |
| 90 | Assessment of white matter tract damage in mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2010, 31, 1862-1875. | 3.6 | 119 |

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|-----|--|-----|-----------|
| 91 | EEG Markers Discriminate Among Different Subgroup of Patients With Mild Cognitive Impairment. American Journal of Alzheimer's Disease and Other Dementias, 2010, 25, 58-73. | 1.9 | 35 |
| 92 | Morphological analysis in epidemiological studies using growing and adaptive MESHes: Application to subcortical structures in AD. , 2010, , . | | 0 |
| 93 | Robustness and sensitivity of hotelling's T2-based permutation tests for selection of 3D morphological markers. , 2010, , . | | 0 |
| 94 | Whiteâ€matters lesions along the cholinergic tracts are related to cortical sources of EEG rhythms in amnesic mild cognitive impairment. Human Brain Mapping, 2009, 30, 1431-1443. | 3.6 | 64 |
| 95 | Increase of theta/gamma ratio is associated with memory impairment. Clinical Neurophysiology, 2009, 120, 295-303. | 1.5 | 87 |
| 96 | Hippocampal volume and cortical sources of EEG alpha rhythms in mild cognitive impairment and Alzheimer disease. NeuroImage, 2009, 44, 123-135. | 4.2 | 145 |
| 97 | H1 haplotype of the MAPT gene is associated with lower regional gray matter volume in healthy carriers. European Journal of Human Genetics, 2009, 17, 287-294. | 2.8 | 11 |
| 98 | Increasing Hippocampal Atrophy and Cerebrovascular Damage Is Differently Associated With Functional Cortical Coupling in MCI Patients. Alzheimer Disease and Associated Disorders, 2009, 23, 323-332. | 1.3 | 23 |
| 99 | Morphological Hippocampal Markers for Automated Detection of Alzheimer's Disease and Mild Cognitive Impairment Converters in Magnetic Resonance Images. Journal of Alzheimer's Disease, 2009, 17, 643-659. | 2.6 | 48 |
| 100 | Increase of Theta/Gamma and Alpha3/Alpha2 Ratio is Associated with Amygdalo-Hippocampal Complex Atrophy. Journal of Alzheimer's Disease, 2009, 17, 349-357. | 2.6 | 56 |
| 101 | Global Functional Coupling of Resting EEG Rhythms is Abnormal in Mild Cognitive Impairment and Alzheimerâ€™s Disease. Journal of Psychophysiology, 2009, 23, 224-234. | 0.7 | 27 |
| 102 | White matter vascular lesions are related to parietalâ€toâ€frontal coupling of EEG rhythms in mild cognitive impairment. Human Brain Mapping, 2008, 29, 1355-1367. | 3.6 | 53 |
| 103 | White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. Neuropsychologia, 2008, 46, 1707-1720. | 1.6 | 49 |
| 104 | Brain Vascular Damage of Cholinergic Pathways and EEG Markers in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2008, 15, 357-372. | 2.6 | 44 |
| 105 | Cerebrovascular Disease and Hippocampal Atrophy Are Differently Linked to Functional Coupling of Brain Areas: An EEG Coherence Study in MCI Subjects. Journal of Alzheimer's Disease, 2008, 14, 285-299. | 2.6 | 57 |
| 106 | The topography of grey matter involvement in early and late onset Alzheimer's disease. Brain, 2007, 130, 720-730. | 7.6 | 408 |
| 107 | Effects of estrogens on cognition and brain morphology: Involvement of the cerebellum. Maturitas, 2006, 54, 222-228. | 2.4 | 41 |
| 108 | Influence of serotonin receptor 2A His452Tyr polymorphism on brain temporal structures: a volumetric MR study. European Journal of Human Genetics, 2006, 14, 443-449. | 2.8 | 33 |