

# CITATION REPORT

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## Cognitive impairment in multiple sclerosis

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1563	Cortical lesions and atrophy associated with cognitive impairment in relapsing-remitting multiple sclerosis. <b>2009</b> , 66, 1144-50		359
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1556	Brain, cognition and MRI in MS: an ongoing refinement process. <b>2010</b> , 37, 551-2		
1555	Retrieval practice improves memory in multiple sclerosis: clinical application of the testing effect. <b>2010</b> , 24, 267-72		54
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1531	Cerebral restorative plasticity from normal ageing to brain diseases: a "never ending story". <b>2010</b> , 28, 349-66	15

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1524	Motor and cognitive slowing in multiple sclerosis: an attentional deficit?. <b>2010</b> , 112, 226-32	23
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1522	Functional imaging of putative human mirror neuron systems in neurological disease. <b>2010</b> , 221, 5-9	1
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1520	Risk factors for and management of cognitive dysfunction in multiple sclerosis. <b>2011</b> , 7, 332-42	265
1519	The relative contributions of processing speed and cognitive load to working memory accuracy in multiple sclerosis. <b>2011</b> , 33, 580-6	27
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1510	Stability of cognitive functions under mitoxantrone therapy in patients with progressive multiple sclerosis: a pilot analysis. <b>2011, 113, 527-30</b>	8
1509	Development of biomarkers for multiple sclerosis as a neurodegenerative disorder. <b>2011, 95, 670-85</b>	40
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1506	Manifestaciones clínicas, historia natural, pronóstico y complicaciones de la esclerosis múltiple. <b>2011, 10, 5079-5086</b>	
1505	Pediatric multiple sclerosis course and predictive factors. 75-86	
1504	Cognitive dysfunction in pediatric-onset multiple sclerosis. 134-143	2
1503	Myelin, copper, and the cuprizone model of schizophrenia. <b>2011, 3, 23-40</b>	30
1502	Cognition in multiple sclerosis. <b>2011, 24, 244-9</b>	247
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1500	Risks and benefits of multiple sclerosis therapies: need for continual assessment?. <b>2011, 24, 238-43</b>	12
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1491	Cholinergic imbalance in the multiple sclerosis hippocampus. <b>2011</b> , 122, 313-22	55
1490	Natalizumab efficacy on cognitive impairment in MS. <b>2011</b> , 31 Suppl 3, 321-3	19
1489	The effect of natalizumab on cognitive function in patients with relapsing-remitting multiple sclerosis: preliminary results of a 1-year follow-up study. <b>2011</b> , 32, 83-8	35
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1487	Depression, disability and cognitive impairment in multiple sclerosis: a cross sectional Italian study. <b>2011</b> , 32, 825-32	26
1486	Cluster analysis of behavioural and event-related potentials during a contingent negative variation paradigm in remitting-relapsing and benign forms of multiple sclerosis. <b>2011</b> , 11, 64	12
1485	Cognitive performance in relapsing remitting multiple sclerosis: a longitudinal study in daily practice using a brief computerized cognitive battery. <b>2011</b> , 11, 68	28
1484	Demyelination causes synaptic alterations in hippocampi from multiple sclerosis patients. <b>2011</b> , 69, 445-54	217
1483	Beyond axonal transection: hippocampal damage in multiple sclerosis. <b>2011</b> , 69, 433-6	2
1482	Modulation of adult hippocampal neurogenesis during myelin-directed autoimmune neuroinflammation. <b>2011</b> , 59, 132-42	47
1481	Role of vitamin D in multiple sclerosis: implications for disease management. <b>2011</b> , 1, 523-536	2
1480	Disease progression in pediatric multiple sclerosis: disparities between physical and neurocognitive outcomes. <b>2011</b> , 11, 433-40	7
1479	Is there a future for donepezil therapy in the treatment of multiple sclerosis-related cognitive impairment?. <b>2011</b> , 11, 1243-6	4
1478	L-amphetamine improves memory in MS patients with objective memory impairment. <b>2011</b> , 17, 1141-5	41
1477	Cortical pathology and cognitive impairment in multiple sclerosis. <b>2011</b> , 11, 425-32	59

1476	Intellectual enrichment lessens the effect of brain atrophy on learning and memory in multiple sclerosis. <b>2011</b> , 76, 847; author reply 847-8	1
1475	Grey matter volume in a large cohort of MS patients: relation to MRI parameters and disability. <b>2011</b> , 17, 1098-106	139
1474	An unusual cause of isolated vomiting. <b>2011</b> , 76, 848-848	
1473	Cerebral acetylcholinesterase activity is not decreased in MS patients with cognitive impairment. <b>2011</b> , 17, 931-8	16
1472	Cognitive dysfunction and multiple sclerosis: developing a rationale for considering the efficacy of exercise training. <b>2011</b> , 17, 1034-40	61
1471	Social cognition impairments in relapsing-remitting multiple sclerosis. <b>2011</b> , 17, 1122-31	56
1470	Increased functional connectivity indicates the severity of cognitive impairment in multiple sclerosis. <b>2011</b> , 108, 19066-71	201
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1468	Examining the benefits of combining two learning strategies on recall of functional information in persons with multiple sclerosis. <b>2011</b> , 17, 1488-97	26
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1466	Psychological Co-morbidities of Physical Illness. <b>2011</b> ,	10
1465	Information processing speed, neural efficiency, and working memory performance in multiple sclerosis: differential relationships with structural magnetic resonance imaging. <b>2011</b> , 33, 1129-45	28
1464	Encyclopedia of Clinical Neuropsychology. <b>2011</b> , 1889-1890	0
1463	Cognitive and cortical plasticity deficits correlate with altered amyloid- $\beta$ CSF levels in multiple sclerosis. <b>2011</b> , 36, 559-68	72
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1460	Multipl Sklerozda Semptomatik Tedavi. <b>2011</b> , 48, 83-89	2
1459	Yineleyici Multipl Sklerozda Kognitif Bozukluk. <b>2012</b> , 49, 178-182	2

1458	Correlation of cognitive impairment and thalamic atrophy in MS: for men only?. <b>2012</b> , 79, 1748-9	2
1457	Warmer outdoor temperature is associated with worse cognitive status in multiple sclerosis. <b>2012</b> , 78, 964-8	24
1456	Cognitive dysfunction in multiple sclerosis. <b>2012</b> , 3, 74	62
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1450	Estriol preserves synaptic transmission in the hippocampus during autoimmune demyelinating disease. <b>2012</b> , 92, 1234-45	41
1449	Gender-related differences in functional connectivity in multiple sclerosis. <b>2012</b> , 18, 164-73	68
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1447	Therapeutic testosterone administration preserves excitatory synaptic transmission in the hippocampus during autoimmune demyelinating disease. <b>2012</b> , 32, 12312-24	67
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1445	Reliability and equivalence of alternate forms for the Symbol Digit Modalities Test: implications for multiple sclerosis clinical trials. <b>2012</b> , 18, 1320-5	91
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1443	Onabotulinum toxin A for the treatment of neurogenic detrusor overactivity due to spinal cord injury or multiple sclerosis. <b>2012</b> , 12, 763-75	11
1442	A Protocol for Measuring the Direct Psychological Benefit of Neuropsychological Assessment with Feedback in Multiple Sclerosis. <b>2012</b> , 13, 238-255	4
1441	Natalizumab may improve cognition and mood in multiple sclerosis. <b>2012</b> , 67, 162-6	23



1440	Adapted timed up and go: a rapid clinical test to assess gait and cognition in multiple sclerosis. <b>2012</b> , 67, 116-20	32
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1438	An overview of the association between gray matter damage and cognitive impairment in multiple sclerosis. <b>2012</b> , 2, 503-515	
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1415	Evaluating cognitive outcome measures for MS clinical trials: what is a clinically meaningful change?. <b>2012</b> , 18, 1673-9	27
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1385	Cognition in MS correlates with resting-state oscillatory brain activity: An explorative MEG source-space study. <b>2013</b> , 2, 727-34	25
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1382	The role of speed versus working memory in predicting learning new information in multiple sclerosis. <b>2013</b> , 35, 180-91	36
1381	Driving performance in persons with mild to moderate symptoms of multiple sclerosis. <b>2013</b> , 35, 1387-93	18
1380	Cognitive impairment and its relation to imaging measures in multiple sclerosis: a study using a computerized battery. <b>2013</b> , 23, 445-52	8
1379	Cognitive impairment has a strong relation to nonsomatic symptoms of depression in relapsing-remitting multiple sclerosis. <b>2013</b> , 28, 144-55	41
1378	Anatomical brain connectivity can assess cognitive dysfunction in multiple sclerosis. <b>2013</b> , 19, 1161-8	28
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1375	Using a highly abbreviated California Verbal Learning Test-II to detect verbal memory deficits. <b>2013</b> , 19, 498-501	13
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1360	Low contrast visual acuity testing is associated with cognitive performance in multiple sclerosis: a cross-sectional pilot study. <b>2013</b> , 13, 167	31
1359	Cerebral hypoperfusion in multiple sclerosis is reversible and mediated by endothelin-1. <b>2013</b> , 110, 5654-8	77
1358	Imagined actions in multiple sclerosis patients: evidence of decline in motor cognitive prediction. <b>2013</b> , 229, 561-70	9
1357	Cytokines as biomarkers in depressive disorder: current standing and prospects. <b>2013</b> , 25, 592-603	104
1356	PATTERNS OF COGNITIVE DYSFUNCTION IN PROGRESSIVE MULTIPLE SCLEROSIS. <b>2013</b> , 84, e2.82-e2	
1355	Quantitative MRI demonstrates abnormality of the fornix and cingulum in multiple sclerosis. <b>2013</b> , 2013, 838719	9
1354	Changing associations between cognitive impairment and imaging in multiple sclerosis as the disease progresses. <b>2013</b> , 25, 134-40	6
1353	Recognition performance differentiates between elderly patients in the long term course of secondary progressive multiple sclerosis and amnesic mild cognitive impairment. <b>2013</b> , 19, 799-805	14
1352	Education protects against cognitive changes associated with multiple sclerosis. <b>2013</b> , 31, 619-31	14
1351	Free Communications. <b>2013</b> , 19, 969-977	

1350	Multipl Sklerozda Bilişel Etkilenmenin MOBD Üçünlü Taranması. <b>2013</b> , 19, 52-54	6
1349	The human frontal lobes and frontal network systems: an evolutionary, clinical, and treatment perspective. <b>2013</b> , 2013, 892459	39
1348	An RCT to treat learning impairment in multiple sclerosis: The MEMREHAB trial. <b>2013</b> , 81, 2066-72	107
1347	Impact of delayed diagnosis and treatment in clinically isolated syndrome and multiple sclerosis. <b>2013</b> , 45, S3-13	12
1346	Vitamin D and long-term memory in multiple sclerosis. <b>2013</b> , 26, 155-60	9
1345	Default network activity is a sensitive and specific biomarker of memory in multiple sclerosis. <b>2013</b> , 19, 199-208	16
1344	Influence of personality on the relationship between gray matter volume and neuropsychiatric symptoms in multiple sclerosis. <b>2013</b> , 75, 253-61	20
1343	Clinical significance of atrophy and white matter mean diffusivity within the thalamus of multiple sclerosis patients. <b>2013</b> , 19, 1478-84	71
1342	Robust perfusion deficits in cognitively impaired patients with secondary-progressive multiple sclerosis. <b>2013</b> , 34, 62-7	30
1341	Cognitive impairment differs between primary progressive and relapsing-remitting MS. <b>2013</b> , 80, 1501-8	74
1340	Cognitive reserve and cortical atrophy in multiple sclerosis: a longitudinal study. <b>2013</b> , 80, 1728-33	93
1339	Gray Matter Pathology in MS: Neuroimaging and Clinical Correlations. <b>2013</b> , 2013, 627870	18
1338	Multipl Sklerozlu Hastalarda Depresyon ve Kognitif Fonksiyon Bozukluğunun Belirlenmesi. <b>2013</b> , 19, 11-14	2
1337	Indices of cognitive dysfunction in relapsing-remitting multiple sclerosis: intra-individual variability, processing speed, and attention network efficiency. <b>2013</b> , 19, 551-8	19
1336	Active cognitive reserve influences the regional atrophy to cognition link in multiple sclerosis. <b>2013</b> , 19, 1128-33	17
1335	Normal-appearing white matter permeability distinguishes poor cognitive performance in processing speed and working memory. <b>2013</b> , 34, 2119-24	5
1334	DemTect, PANDA, EASY, and MUSIC: cognitive screening tools with age correction and weighting of subtests according to their sensitivity and specificity. <b>2013</b> , 34, 813-34	22
1333	Value of the MoCA test as a screening instrument in multiple sclerosis. <b>2013</b> , 40, 410-5	48

1332 Inflammatory, immune-mediated, and systemic disorders. 145-165

- 1331 Association of Cognitive deficits with Optical Coherence Tomography changes in Multiple Sclerosis Patients. **2013**, 01, 2
- 1330 Inflammation subverts hippocampal synaptic plasticity in experimental multiple sclerosis. **2013**, 8, e54666 104
- 1329 Systemic autoimmunity in TAM triple knockout mice causes inflammatory brain damage and cell death. **2013**, 8, e64812 21
- 1328 Presence and significant determinants of cognitive impairment in a large sample of patients with multiple sclerosis. **2013**, 8, e69820 36
- 1327 Modeling of cognitive impairment by disease duration in multiple sclerosis: a cross-sectional study. **2013**, 8, e71058 88
- 1326 Visual search as a tool for a quick and reliable assessment of cognitive functions in patients with multiple sclerosis. **2013**, 8, e81531 11
- 1325 Interleukin-1 $\beta$  and interleukin-1 receptor antagonist appear in grey matter additionally to white matter lesions during experimental multiple sclerosis. **2013**, 8, e83835 25
- 1324 Cholinesterase inhibitors for neurological conditions associated with rarer dementias. **2013**,
- 1323 Patterns of Cognitive Dysfunction in Progressive MS. **2013**, 27, 259-265 20
- 1322 Decrease of Mutual Information in Brain Electrical Activity of Patients with Relapsing-Remitting Multiple Sclerosis. **2013**, 27, 201-212 15
- 1321 Neuroendocrine immunoregulation in multiple sclerosis. **2013**, 2013, 705232 32
- 1320 Pain-related mood influences pain perception differently in fibromyalgia and multiple sclerosis. **2014**, 7, 81-7 10
- 1319 Neural correlates of alerting and orienting impairment in multiple sclerosis patients. **2014**, 9, e97226 20
- 1318 The relationship between specific cognitive domains, fear of falling, and falls in people with multiple sclerosis. **2014**, 2014, 281760 34
- 1317 Functional MRI activation in white matter during the Symbol Digit Modalities Test. **2014**, 8, 589 22
- 1316 Does functional MRI detect activation in white matter? A review of emerging evidence, issues, and future directions. **2014**, 8, 239 119
- 1315 Group-based memory rehabilitation for people with multiple sclerosis: Subgroup analysis of the ReMiND trial. **2014**, 21, 590-596 7

1314 Chapitre 7. La sclérose en plaques. **2014**, 183

1313 Impairment of Visual Cognition in Progressive Multiple Sclerosis. **2014**, 02,

1312 Multiple sclerosis. 637-654

1311 Cognitive correlates of under-ambiguity and under-risk decision making in high-functioning patients with relapsing remitting multiple sclerosis. **2014**, 36, 1066-75 7

1310 Decision-making impairment in patients with multiple sclerosis: a case-control study. **2014**, 4, e004918 15

1309 Task meaningfulness and degree of cognitive impairment: do they affect self-generated learning in persons with multiple sclerosis?. **2014**, 24, 155-71 6

1308 Working memory mediates the relationship between intellectual enrichment and long-term memory in multiple sclerosis: an exploratory analysis of cognitive reserve. **2014**, 20, 868-72 17

1307 Negative work events and accommodations in employed multiple sclerosis patients. **2014**, 20, 116-9 31

1306 The HV3 Score: A New Simple Tool to Suspect Cognitive Impairment in Multiple Sclerosis in Clinical Practice. **2014**, 3, 113-22 4

1305 Facial and bodily emotion recognition in multiple sclerosis: the role of alexithymia and other characteristics of the disease. **2014**, 20, 1004-14 31

1304 Stability of intraindividual variability as a marker of neurologic dysfunction in relapsing remitting multiple sclerosis. **2014**, 36, 455-63 14

1303 Is neuropsychological rehabilitation effective in multiple sclerosis?. **2014**, 4, 147-54 9

1302 Assessment of early cognitive impairment in patients with clinically isolated syndromes and multiple sclerosis. **2014**, 2014, 637694 20

1301 Pain is associated with prospective memory dysfunction in multiple sclerosis. **2014**, 36, 887-96 17

1300 Are cognitive interventions for multiple sclerosis effective and feasible?. **2014**, 32, 623-38 5

1299 Metacognitive knowledge and online awareness in persons with multiple sclerosis. **2014**, 35, 315-23 19

1298 Intermittent alien hand syndrome and callosal apraxia in multiple sclerosis: implications for interhemispheric communication. **2014**, 2014, 873541 5

1297 Endurance and resistance training in rehabilitation of patients with multiple sclerosis. **2014**, 71, 963-968 2



1296	Outcome measures for multiple sclerosis. <b>2014</b> , 19, 24-38	3
1295	How are cognitive impairment, fatigue and signs of depression related to participation in daily life among persons with multiple sclerosis?. <b>2014</b> , 36, 2012-8	31
1294	A method to compare processing speed and oculomotor function using a modified SDMT.. <b>2014</b> ,	
1293	[Cognitive impairment in multiple sclerosis. State of research and methodological issues]. <b>2014</b> , 82, 280-97; quiz 298	1
1292	Self-reports of executive functioning in multiple sclerosis: to trust or not to trust. <b>2014</b> , 4, 109-11	3
1291	Fatigue und kognitive Beeinträchtigungen bei der MS. <b>2014</b> , 06, 22-28	1
1290	Information processing speed impairment and cerebellar dysfunction in relapsing-remitting multiple sclerosis. <b>2014</b> , 347, 246-50	16
1289	Structural correlates of subjective and objective memory performance in multiple sclerosis. <b>2014</b> , 24, 436-45	20
1288	Relationship between subjective and objective cognitive performance in multiple sclerosis. <b>2014</b> , 130, 319-27	14
1287	Cognitive impairment in Japanese patients with multiple sclerosis: Are social activities affected by cognitive impairment?. <b>2014</b> , 5, 286-287	
1286	Neuronopathy in the motor neocortex in a chronic model of multiple sclerosis. <b>2014</b> , 73, 335-44	4
1285	Computer-assisted rehabilitation of attention in patients with multiple sclerosis: results of a randomized, double-blind trial. <b>2014</b> , 20, 91-8	81
1284	Functional correlates of cognitive dysfunction in multiple sclerosis: A multicenter fMRI Study. <b>2014</b> , 35, 5799-814	54
1283	Forceps minor damage and co-occurrence of depression and fatigue in multiple sclerosis. <b>2014</b> , 20, 1633-40	36
1282	Changes in functional network centrality underlie cognitive dysfunction and physical disability in multiple sclerosis. <b>2014</b> , 20, 1058-65	49
1281	Cognitive functions in multiple sclerosis: impact of gray matter integrity. <b>2014</b> , 20, 424-32	38
1280	Comparing long-term results of PASAT and SDMT scores in relation to neuropsychological testing in multiple sclerosis. <b>2014</b> , 20, 481-8	53
1279	Driving competences and neuropsychological factors associated to driving counseling in multiple sclerosis. <b>2014</b> , 20, 555-65	12

1278	One step forward in the quest for evidence of the efficacy of cognitive rehabilitation in multiple sclerosis. <b>2014</b> , 20, 2	1
1277	Gray matters in multiple sclerosis: cognitive impairment and structural MRI. <b>2014</b> , 2014, 609694	31
1276	Self-efficacy as a predictor of self-reported physical, cognitive, and social functioning in multiple sclerosis. <b>2014</b> , 59, 27-34	38
1275	Cognitive impairment in relapsing remitting and secondary progressive multiple sclerosis patients: efficacy of a computerized cognitive screening battery. <b>2014</b> , 2014, 151379	37
1274	Altered functional connectivity and performance variability in relapsing-remitting multiple sclerosis. <b>2014</b> , 20, 1453-63	17
1273	Dual-task assessment in natalizumab-treated multiple sclerosis patients. <b>2014</b> , 71, 247-51	16
1272	Content validity of the Comprehensive ICF Core Set for multiple sclerosis from the perspective of speech and language therapists. <b>2014</b> , 49, 672-86	12
1271	Functional magnetic resonance imaging movers and shakers: does subject-movement cause sampling bias?. <b>2014</b> , 35, 1-13	44
1270	Predictors and impact of the working alliance in the neuropsychological rehabilitation of patients with multiple sclerosis. <b>2014</b> , 338, 156-61	7
1269	Cognitive performance profile in different phenotypes of MS with cognitive complaints. <b>2014</b> , 3, 463-72	12
1268	Improved physical fitness correlates with improved cognition in multiple sclerosis. <b>2014</b> , 95, 1328-34	40
1267	Increased functional connectivity within memory networks following memory rehabilitation in multiple sclerosis. <b>2014</b> , 8, 394-402	67
1266	Exploration of the relationships between regional grey matter atrophy and cognition in multiple sclerosis. <b>2014</b> , 8, 378-86	30
1265	Cognitive rehabilitation correlates with the functional connectivity of the anterior cingulate cortex in patients with multiple sclerosis. <b>2014</b> , 8, 387-93	58
1264	Brain networks disconnection in early multiple sclerosis cognitive deficits: an anatomofunctional study. <b>2014</b> , 35, 4706-17	92
1263	Neuropsychological rehabilitation does not improve cognitive performance but reduces perceived cognitive deficits in patients with multiple sclerosis: a randomised, controlled, multi-centre trial. <b>2014</b> , 20, 99-107	55
1262	Mindfulness based interventions in multiple sclerosis--a systematic review. <b>2014</b> , 14, 15	117
1261	Higher levels of reported sun exposure, and not vitamin D status, are associated with less depressive symptoms and fatigue in multiple sclerosis. <b>2014</b> , 129, 123-31	38

1260	Brain reserve and cognitive reserve protect against cognitive decline over 4.5 years in MS. <b>2014</b> , 82, 1776-83	124
1259	Neuropsychological rehabilitation for multiple sclerosis. <b>2014</b> , CD009131	65
1258	Multiple sclerosis: altered thalamic resting-state functional connectivity and its effect on cognitive function. <b>2014</b> , 271, 814-21	88
1257	The Symbol Digit Modalities Test is an effective cognitive screen in pediatric onset multiple sclerosis (MS). <b>2014</b> , 341, 79-84	38
1256	Vision and multiple sclerosis. <b>2014</b> , 3, 3-16	19
1255	Neuroimaging of dementia. <b>2014</b> , 32, 59-93	17
1254	Losing control of your languages: a case study. <b>2014</b> , 31, 266-86	16
1253	Gray matter involvement in multiple sclerosis and neuromyelitis optica. <b>2014</b> , 5, 69-76	1
1252	Effects of exercise on fitness and cognition in progressive MS: a randomized, controlled pilot trial. <b>2014</b> , 20, 382-90	143
1251	Neuropsychological performance, brain imaging, and driving violations in multiple sclerosis. <b>2014</b> , 95, 1818-23	12
1250	Sex-specific extent and severity of white matter damage in multiple sclerosis: implications for cognitive decline. <b>2014</b> , 35, 2348-58	49
1249	Synaptic plasticity in multiple sclerosis and in experimental autoimmune encephalomyelitis. <b>2014</b> , 369, 20130162	38
1248	Discrepancy in CCL2 and CCR2 expression in white versus grey matter hippocampal lesions of Multiple Sclerosis patients. <b>2014</b> , 2, 98	27
1247	MP2RAGE provides new clinically-compatible correlates of mild cognitive deficits in relapsing-remitting multiple sclerosis. <b>2014</b> , 261, 1606-13	20
1246	Symptomatic treatment and management of multiple sclerosis. <b>2014</b> , 122, 513-62	38
1245	Quantification of relevance of quality of life assessment for patients with cognitive impairment: the suitability indices. <b>2014</b> , 14, 78	11
1244	Multiple sclerosis: diagnosis, differential diagnosis, and clinical presentation. <b>2014</b> , 122, 269-90	53
1243	Correlates of dual task cost of standing balance in individuals with multiple sclerosis. <b>2014</b> , 40, 352-6	32

1242	A web-based decision support tool for prognosis simulation in multiple sclerosis. <b>2014</b> , 3, 575-83	2
1241	Cognitive impairment in multiple sclerosis: An 18 year follow-up study. <b>2014</b> , 3, 473-81	38
1240	Reliability of a cognitive endpoint for use in a multiple sclerosis pharmaceutical trial. <b>2014</b> , 340, 123-9	27
1239	Emotional and neutral verbal memory impairment in Multiple Sclerosis. <b>2014</b> , 341, 28-31	8
1238	Cognitive dysfunction in patients with multiple sclerosis treated with different types of interferon beta: a randomized clinical trial. <b>2014</b> , 342, 16-20	25
1237	Cortical thinning correlates with cognitive change in multiple sclerosis but not in neuromyelitis optica. <b>2014</b> , 24, 2334-43	26
1236	Epigenetic regulation of estrogen-dependent memory. <b>2014</b> , 35, 530-49	49
1235	How reliable is the classification of cognitive impairment across different criteria in early and late stages of multiple sclerosis?. <b>2014</b> , 343, 91-9	56
1234	[The influence of age and illness duration on cognitive impairment in aging patients with relapsing-remitting multiple sclerosis (RR-MS)]. <b>2014</b> , 12, 331-8	3
1233	Facial Emotion Recognition and Faux Pas Interpretation in Multiple Sclerosis. <b>2015</b> , 16, 158-172	4
1232	Cholinesterase inhibitors for rarer dementias associated with neurological conditions. <b>2015</b> , CD009444	29
1231	Multiple sclerosis: Etiology, symptoms, incidence and prevalence, and implications for community living and employment. <b>2015</b> , 52, 725-34	41
1230	LINGO-1 antibody ameliorates myelin impairment and spatial memory deficits in experimental autoimmune encephalomyelitis mice. <b>2015</b> , 5, 14235	40
1229	Beyond depression: Predictors of self-reported cognitive function in adults living with MS. <b>2015</b> , 60, 254-62	20
1228	Using mental visual imagery to improve autobiographical memory and episodic future thinking in relapsing-remitting multiple sclerosis patients: A randomised-controlled trial study. <b>2015</b> , 33, 621-38	22
1227	Remotely-delivered cognitive remediation in multiple sclerosis (MS): protocol and results from a pilot study. <b>2015</b> , 1, 2055217315609629	14
1226	Efficacy of exercise intervention programs on cognition in people suffering from multiple sclerosis, stroke and Parkinson's disease: A systematic review and meta-analysis of current evidence. <b>2015</b> , 37, 273-89	33
1225	Patterns in workplace accommodations for people with multiple sclerosis to overcome cognitive and other disease-related limitations. <b>2015</b> , 37, 425-36	14

1224	How people with cognitive disabilities experience electronic planning devices. <b>2015</b> , 37, 379-92	15
1223	Cognitieve achteruitgang bij multiple sclerose. <b>2015</b> , 3, 61-62	
1222	The neuronal component of gray matter damage in multiple sclerosis: A [(11) C]flumazenil positron emission tomography study. <b>2015</b> , 78, 554-67	27
1221	Pathological differences between white and grey matter multiple sclerosis lesions. <b>2015</b> , 1351, 99-113	47
1220	Complement C1q-C3-associated synaptic changes in multiple sclerosis hippocampus. <b>2015</b> , 77, 1007-26	127
1219	Comparison of the Rao Brief Repeatable Neuropsychological Battery with Wechsler Adult Intelligence Scale-III and Wechsler Memory Scale-Revised in Japanese patients with multiple sclerosis. <b>2015</b> , 6, 306-308	2
1218	Dysmyelination with preservation of transverse bands in a long-lived allele of the quaking mouse. <b>2015</b> , 523, 197-208	1
1217	The neurocognitive profile of the cerebellum in multiple sclerosis. <b>2015</b> , 16, 12185-98	13
1216	Correlates of participation in meaningful activities among people with multiple sclerosis. <b>2015</b> , 47, 538-45	17
1215	Neurobehavioral burden of multiple sclerosis with nanotheranostics. <b>2015</b> , 11, 2675-89	5
1214	Neurobehavioral Aspects of Different Forms of Multiple Sclerosis. <b>2015</b> , 06,	
1213	Evaluation of the effects of group psychotherapy on cognitive function in patients with multiple sclerosis with cognitive dysfunction and depression. <b>2015</b> , 73, 90-5	3
1212	Systemic inflammation and the brain: novel roles of genetic, molecular, and environmental cues as drivers of neurodegeneration. <b>2015</b> , 9, 28	185
1211	Network collapse and cognitive impairment in multiple sclerosis. <b>2015</b> , 6, 82	122
1210	Impact of natalizumab treatment on fatigue, mood, and aspects of cognition in relapsing-remitting multiple sclerosis. <b>2015</b> , 6, 97	17
1209	A Disproportionate Burden of Care: Gender Differences in Mental Health, Health-Related Quality of Life, and Social Support in Mexican Multiple Sclerosis Caregivers. <b>2015</b> , 2015, 283958	18
1208	A Longitudinal Study of Disability, Cognition and Gray Matter Atrophy in Early Multiple Sclerosis Patients According to Evidence of Disease Activity. <b>2015</b> , 10, e0135974	28
1207	Neurophysiological Evidence of Compensatory Brain Mechanisms in Early-Stage Multiple Sclerosis. <b>2015</b> , 10, e0136786	21

1206	Cognitive-motor interference in multiple sclerosis: a systematic review of evidence, correlates, and consequences. <b>2015</b> , 2015, 720856	75
1205	Mast cell and autoimmune diseases. <b>2015</b> , 2015, 246126	50
1204	Impact of depression, fatigue, and global measure of cortical volume on cognitive impairment in multiple sclerosis. <b>2015</b> , 2015, 519785	29
1203	Managing Neuropsychological Impairment in Multiple Sclerosis: Pilot Study on a Standardized Metacognitive Intervention. <b>2015</b> , 17, 130-7	21
1202	Multipel sclerose in de huisartsenpraktijk. <b>2015</b> , 58, 258-263	
1201	Sexual dysfunction in patients with multiple sclerosis. <b>2015</b> , 130, 357-70	29
1200	The effect of executive function on stress, depression, anxiety, and quality of life in multiple sclerosis. <b>2015</b> , 37, 549-62	14
1199	A RCT Comparing Specific Intensive Cognitive Training to Aspecific Psychological Intervention in RRMS: The SMICT Study. <b>2014</b> , 5, 278	20
1198	Cross-cultural Adaptation, Reliability, and Validity of the BICAMS in Brazil. <b>2015</b> , 29, 836-46	37
1197	Significance of gray matter brain lesions in multiple sclerosis and neuromyelitis optica. <b>2015</b> , 35, 481-6	9
1196	Neuroinflammatory TNF $\alpha$ impairs Memory via Astrocyte Signaling. <b>2015</b> , 163, 1730-41	190
1195	Automatic computer-aided detection of Multiple Sclerosis (MS) lesions on MR images. <b>2015</b> ,	
1194	Fingolimod induces neurogenesis in adult mouse hippocampus and improves contextual fear memory. <b>2015</b> , 5, e685	31
1193	A low-cost cognitive rehabilitation with a commercial video game improves sustained attention and executive functions in multiple sclerosis: a pilot study. <b>2015</b> , 29, 453-61	47
1192	The influence of cognitive dysfunction on benefit from learning and memory rehabilitation in MS: A sub-analysis of the MEMREHAB trial. <b>2015</b> , 21, 1575-82	25
1191	Clinical and imaging assessment of cognitive dysfunction in multiple sclerosis. <i>Lancet Neurology, The</i> , <b>2015</b> , 14, 302-17	24.1 322
1190	Thalamus structure and function determine severity of cognitive impairment in multiple sclerosis. <b>2015</b> , 84, 776-83	123
1189	Alteration profile of executive functions in multiple sclerosis. <b>2015</b> , 131, 313-20	19

1188	Synaptic plasticity and experimental autoimmune encephalomyelitis: implications for multiple sclerosis. <b>2015</b> , 1621, 205-13	24
1187	Predictive value of different conventional and non-conventional MRI-parameters for specific domains of cognitive function in multiple sclerosis. <b>2015</b> , 7, 715-20	22
1186	Computer-aided cognitive rehabilitation improves cognitive performances and induces brain functional connectivity changes in relapsing remitting multiple sclerosis patients: an exploratory study. <b>2015</b> , 262, 91-100	73
1185	Processing speed and working memory training in multiple sclerosis: a double-blind randomized controlled pilot study. <b>2015</b> , 37, 113-27	39
1184	Attitude towards physical activity in patients with multiple sclerosis: a cohort study. <b>2015</b> , 36, 889-93	11
1183	Systematic Review: The Effectiveness of Interventions to Reduce Falls and Improve Balance in Adults With Multiple Sclerosis. <b>2015</b> , 96, 1898-912	103
1182	Cognitive Impairment and Community Integration Outcomes in Individuals Living With Multiple Sclerosis. <b>2015</b> , 96, 1973-9	15
1181	Gray matter damage in multiple sclerosis: Impact on clinical symptoms. <b>2015</b> , 303, 446-61	48
1180	Information processing speed and attention in multiple sclerosis: Reconsidering the Attention Network Test (ANT). <b>2015</b> , 37, 518-29	17
1179	Memory impairment in multiple sclerosis: Relevance of hippocampal activation and hippocampal connectivity. <b>2015</b> , 21, 1705-12	47
1178	Neuropsychiatric Symptoms of Inflammatory Demyelinating Diseases. <b>2015</b> ,	3
1177	The Hungarian validation of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) battery and the correlation of cognitive impairment with fatigue and quality of life. <b>2015</b> , 4, 499-504	56
1176	The use of goal attainment scaling in neuropsychological rehabilitation in multiple sclerosis. <b>2015</b> , 37, 1984-91	11
1175	Speedy eye movements in multiple sclerosis: association with performance on visual and nonvisual cognitive tests. <b>2015</b> , 37, 1-15	6
1174	Preliminary investigation of gait initiation and falls in multiple sclerosis. <b>2015</b> , 96, 1098-102	12
1173	Gray matter atrophy is associated with functional connectivity reorganization during the Paced Auditory Serial Addition Test (PASAT) execution in Multiple Sclerosis (MS). <b>2015</b> , 42, 141-9	18
1172	Connectivity-based parcellation of the thalamus in multiple sclerosis and its implications for cognitive impairment: A multicenter study. <b>2015</b> , 36, 2809-25	55
1171	The epidemiology of alcohol consumption and multiple sclerosis: a review. <b>2015</b> , 36, 189-96	8

1170	Cognitieve stoornissen bij multiple sclerose patiënten verklaard vanuit een netwerkperspectief. <b>2015</b> , 19, 31-38	
1169	Multiple Sclerosis in the Elderly: Considerations in the Geriatric Population for Diagnosis and Management. <b>2015</b> , 4, 131-141	
1168	Progressive multiple sclerosis and mood disorders. <b>2015</b> , 36, 1625-31	11
1167	Myelin loss and axonal ion channel adaptations associated with gray matter neuronal hyperexcitability. <b>2015</b> , 35, 7272-86	90
1166	The role of immune cells, glia and neurons in white and gray matter pathology in multiple sclerosis. <b>2015</b> , 127-128, 1-22	90
1165	Memory and selective attention in multiple sclerosis: cross-sectional computer-based assessment in a large outpatient sample. <b>2015</b> , 265, 439-43	15
1164	Cognitive impairment and memory disorders in relapsing-remitting multiple sclerosis: the role of white matter, gray matter and hippocampus. <b>2015</b> , 262, 1691-7	41
1163	Articulation time does not affect speeded cognitive performance in multiple sclerosis. <b>2015</b> , 28, 33-8	2
1162	Hippocampal function is compromised in an animal model of multiple sclerosis. <b>2015</b> , 309, 100-12	26
1161	Programming Hippocampal Neural Stem/Progenitor Cells into Oligodendrocytes Enhances Remyelination in the Adult Brain after Injury. <b>2015</b> , 11, 1679-85	37
1160	Coping and Multiple Sclerosis. <b>2015</b> , 121-137	2
1159	Thalamic atrophy predicts cognitive impairment in relapsing remitting multiple sclerosis. Effect on instrumental activities of daily living and employment status. <b>2015</b> , 358, 236-42	32
1158	Structural MRI substrates of cognitive impairment in neuromyelitis optica. <b>2015</b> , 85, 1491-9	47
1157	Multimodal neurophysiological evaluation of primary progressive multiple sclerosis - An increasingly valid biomarker, with limits. <b>2015</b> , 4, 607-13	13
1156	Impact of glatiramer acetate on paraclinical markers of neuroprotection in multiple sclerosis: A prospective observational clinical trial. <b>2015</b> , 287, 98-105	6
1155	Gait termination in individuals with multiple sclerosis. <b>2015</b> , 42, 335-9	8
1154	What to make of cannabis and cognition in MS: In search of clarity amidst the haze. <b>2015</b> , 21, 1755-60	14
1153	Effects of single dose mixed amphetamine salts--extended release on processing speed in multiple sclerosis: a double blind placebo controlled study. <b>2015</b> , 232, 4253-9	7



1152	A genetic association study of two genes linked to neurodegeneration in a Sardinian multiple sclerosis population: the TARDBP Ala382Thr mutation and C9orf72 expansion. <b>2015</b> , 357, 229-34	4
1151	Ocular motor signatures of cognitive dysfunction in multiple sclerosis. <b>2015</b> , 11, 637-45	15
1150	How strong is the relationship between glaucoma, the retinal nerve fibre layer, and neurodegenerative diseases such as Alzheimer's disease and multiple sclerosis?. <b>2015</b> , 29, 1270-84	41
1149	Reduced Dual-Task Performance in MS Patients Is Further Decreased by Muscle Fatigue. <b>2015</b> , 29, 424-35	24
1148	Cognitive Impairment in Multiple Sclerosis. <b>2015</b> , 227-247	1
1147	Exercise and cognition in multiple sclerosis: The importance of acute exercise for developing better interventions. <b>2015</b> , 59, 173-83	21
1146	Goal attainment in cognitive rehabilitation in MS patients. <b>2015</b> , 25, 137-54	8
1145	Late-onset multiple sclerosis presenting with cognitive dysfunction and severe cortical/infratentorial atrophy. <b>2015</b> , 21, 580-9	18
1144	Cognitive impairment in multiple sclerosis: clinical, radiologic and pathologic insights. <b>2015</b> , 25, 79-98	90
1143	Cortical thickness and surface area relate to specific symptoms in early relapsing-remitting multiple sclerosis. <b>2015</b> , 21, 402-14	61
1142	Neuroimaging and cognition using functional near infrared spectroscopy (fNIRS) in multiple sclerosis. <b>2015</b> , 9, 302-11	11
1141	Cognitive status in patients with multiple sclerosis in Lanzarote. <b>2016</b> , 12, 1553-9	3
1140	Myelin injury induces axonal transport impairment but not AD-like pathology in the hippocampus of cuprizone-fed mice. <b>2016</b> , 7, 30003-17	11
1139	Neuroendocrine Checkpoints of Innate Immune Responses in Multiple Sclerosis. <b>2016</b> , 127-137	
1138	Cognitive Impairment in Multiple Sclerosis. <b>2016</b> , 365-384	1
1137	Two Years Follow up of Domain Specific Cognitive Training in Relapsing Remitting Multiple Sclerosis: A Randomized Clinical Trial. <b>2016</b> , 10, 28	14
1136	Decline of Neuropsychological Abilities in a Large Sample of Patients with Multiple Sclerosis: A Two-Year Longitudinal Study. <b>2016</b> , 10, 282	8
1135	Reproducibility of Resting State Connectivity in Patients with Stable Multiple Sclerosis. <b>2016</b> , 11, e0152158	19

1134	Deep learning of brain images and its application to multiple sclerosis. <b>2016</b> , 69-96	5
1133	XI Convegno Nazionale: Firenze, 17-19 marzo 2016, Palazzo dei Congressi - Villa Vittoria. <b>2016</b> , 52 Suppl 1, S1-S97	
1132	Causes, effects and connectivity changes in MS-related cognitive decline. <b>2016</b> , 10, 2-11	7
1131	Social Cognition Impairments in Patients with Multiple Sclerosis and Comparison with Imaging Studies, Disease Duration and Grade of Disability. <b>2016</b> ,	3
1130	Symptomatic and Complementary Treatments. <b>2016</b> , 347-364	
1129	Changes in Cognitive Processing Speed, Mood, and Fatigue in an Observational Study of Persons With Multiple Sclerosis Treated With Dalfampridine-ER. <b>2016</b> , 39, 73-80	13
1128	Benign multiple sclerosis: physical and cognitive impairment follow distinct evolutions. <b>2016</b> , 133, 183-91	9
1127	Foundations of Augmented Cognition: Neuroergonomics and Operational Neuroscience. <b>2016</b> ,	1
1126	Validation of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in Greek population with multiple sclerosis. <b>2016</b> , 9, 68-72	44
1125	Cognitive impairment in a population-based study of patients with multiple sclerosis: differences between late relapsing-remitting, secondary progressive and primary progressive multiple sclerosis. <b>2016</b> , 23, 282-9	68
1124	Memory rehabilitation for people with multiple sclerosis. <b>2016</b> , 3, CD008754	37
1123	Walking impairs cognitive performance among people with multiple sclerosis but not controls. <b>2016</b> , 49, 124-31	24
1122	Cognitive Impairment in Multiple Sclerosis: A Review of Neuropsychological Assessments. <b>2016</b> , 29, 55-67	31
1121	Cognitive effects of modafinil in patients with multiple sclerosis: A clinical trial. <b>2016</b> , 61, 82-91	20
1120	The Berlin Treatment Algorithm: recommendations for tailored innovative therapeutic strategies for multiple sclerosis-related fatigue. <b>2016</b> , 7, 25	48
1119	The association between intra- and juxta-cortical pathology and cognitive impairment in multiple sclerosis by quantitative T* mapping at 7 T MRI. <b>2016</b> , 12, 879-886	19
1118	Moderate Caffeine Intake and Verbal Memory in Multiple Sclerosis: A Pilot Study. <b>2016</b> , 6, 134-138	
1117	A pilot study of changes in functional brain activity during a working memory task after mSMT treatment: The MEMREHAB trial. <b>2016</b> , 7, 76-82	12

1116	Slowing of information processing speed without motor slowing in multiple sclerosis observed during two crossing-off tasks. <b>2016</b> , 172, 225-30	4
1115	Regression-Based Norms for the Brief Visuospatial Memory Test-Revised in Italian population and application in MS patients. <b>2016</b> , 30, 1469-1478	8
1114	Effects of motor-motor and motor-cognitive tasks on balance in patients with multiple sclerosis. <b>2016</b> , 7, 85-91	8
1113	Dynamic Assessment of Social Cognition in Individuals with Multiple Sclerosis: A Pilot Study. <b>2016</b> , 22, 83-8	25
1112	Random number generation deficits in patients with multiple sclerosis: Characteristics and neural correlates. <b>2016</b> , 82, 237-243	8
1111	Measurement and maintenance of reserve in multiple sclerosis. <b>2016</b> , 263, 2158-2169	19
1110	The role of global and regional gray matter volume decrease in multiple sclerosis. <b>2016</b> , 263, 1137-45	10
1109	The mediating role of processing speed in the relationship between depressive symptoms and cognitive function in multiple sclerosis. <b>2016</b> , 38, 782-94	11
1108	Validity of the minimal assessment of cognitive function in multiple sclerosis (MACFIMS) in the Italian population. <b>2016</b> , 37, 1261-70	22
1107	Neurology. <b>2016</b> ,	1
1106	Synaptic pathology: A shared mechanism in neurological disease. <b>2016</b> , 28, 72-84	86
1105	Cognitive Impairment in Multiple Sclerosis: Clinical Manifestation, Neuroimaging Correlates, and Treatment. <b>2016</b> , 36, 203-11	16
1104	Patterns of white matter damage are non-random and associated with cognitive function in secondary progressive multiple sclerosis. <b>2016</b> , 12, 123-31	11
1103	Impairment of visuospatial/visuoconstructional skills in multiple sclerosis patients: the correlation with regional lesion load and subcortical atrophy. <b>2016</b> , 31, 169-175	1
1102	Coping mediates and moderates the relationship between executive functions and psychological adjustment in multiple sclerosis. <b>2016</b> , 30, 361-376	22
1101	Frontal System Syndromes. <b>2016</b> , 247-295	
1100	Systematically developed pilot randomized controlled trial of exercise and cognition in persons with multiple sclerosis. <b>2016</b> , 22, 443-450	41
1099	Assessing the Value of Treatment to Address Various Symptoms Associated with Multiple Sclerosis: Results from a Contingent Valuation Study. <b>2016</b> , 34, 1255-1265	6

1098	Latent profile analysis of regression-based norms demonstrates relationship of compounding MS symptom burden and negative work events. <b>2016</b> , 30, 1050-62	7
1097	Activation of Wnt signaling promotes hippocampal neurogenesis in experimental autoimmune encephalomyelitis. <b>2016</b> , 11, 53	9
1096	Social cognition in multiple sclerosis: A systematic review and meta-analysis. <b>2016</b> , 87, 1727-1736	91
1095	Prospective memory in multiple sclerosis: The impact of cue distinctiveness and executive functioning. <b>2016</b> , 109, 66-74	11
1094	What you get from what you see: Parametric assessment of visual processing capacity in multiple sclerosis and its relation to cognitive fatigue. <b>2016</b> , 83, 167-80	9
1093	Brain White Matter Integrity Mediates the Relationship Between Phenylalanine Control and Executive Abilities in Children with Phenylketonuria. <b>2017</b> , 33, 41-47	6
1092	Immunological processes related to cognitive impairment in MS. <b>2016</b> , 134 Suppl 200, 34-8	9
1091	Pathology and MRI: exploring cognitive impairment in MS. <b>2016</b> , 134 Suppl 200, 24-33	43
1090	Cognitive impairment in MS: rehabilitation approaches. <b>2016</b> , 134 Suppl 200, 8-13	24
1089	Differential diagnosis, discerning depression from cognition. <b>2016</b> , 134 Suppl 200, 14-8	11
1088	Functional MRI in investigating cognitive impairment in multiple sclerosis. <b>2016</b> , 134 Suppl 200, 39-46	18
1087	Immunomodulatory treatments and cognition in MS. <b>2016</b> , 134 Suppl 200, 55-9	12
1086	The Rao's Brief Repeatable Battery in the study of cognition in different multiple sclerosis phenotypes: application of normative data in a Serbian population. <b>2016</b> , 37, 1475-81	11
1085	Preclinical disease activity in multiple sclerosis: A prospective study of cognitive performance prior to first symptom. <b>2016</b> , 80, 616-24	51
1084	Cognitive, Conative and Behavioral Neurology. <b>2016</b> ,	1
1083	Abnormalities of the executive control network in multiple sclerosis phenotypes: An fMRI effective connectivity study. <b>2016</b> , 37, 2293-304	21
1082	Systematic, Evidence-Based Review of Exercise, Physical Activity, and Physical Fitness Effects on Cognition in Persons with Multiple Sclerosis. <b>2016</b> , 26, 271-294	99
1081	White Matter Disorders. <b>2016</b> , 665-684	1

1080	Exploring cognitive reserve in multiple sclerosis: New findings from a cross-sectional study. <b>2016</b> , 38, 1158-67	13
1079	Mental Health Comorbidity in MS: Depression, Anxiety, and Bipolar Disorder. <b>2016</b> , 16, 106	23
1078	The relevance of cortical lesions in patients with multiple sclerosis. <b>2016</b> , 16, 204	12
1077	Immunotherapy Improves Cognitive Function in Secondary Progressive Multiple Sclerosis. <b>2016</b> , 22, 1019-1022	4
1076	Persistent activation of microglia and NADPH oxidase [corrected] drive hippocampal dysfunction in experimental multiple sclerosis. <b>2016</b> , 6, 20926	49
1075	Cognitive Impairment in Multiple Sclerosis. <b>2016</b> , 58, 157-163	24
1074	White matter disorders. 42-94	
1073	Sleep and Cognitive Function in Multiple Sclerosis. <b>2016</b> , 39, 1525-33	52
1072	Neuro-Ophthalmic Syndromes and Processing Speed in Multiple Sclerosis. <b>2016</b> , 36, 23-8	1
1071	A new assessment tool for patients with multiple sclerosis from Spanish-speaking countries: validation of the Brief International Cognitive Assessment for MS (BICAMS) in Argentina. <b>2016</b> , 30, 1023-31	28
1070	Natalizumab discontinuation is associated with a rebound of cognitive impairment in multiple sclerosis patients. <b>2016</b> , 263, 1620-5	17
1069	Regional cortical thinning in multiple sclerosis and its relation with cognitive impairment: A multicenter study. <b>2016</b> , 22, 901-9	29
1068	Assessing the criterion validity of four highly abbreviated measures from the Minimal Assessment of Cognitive Function in Multiple Sclerosis (MACFIMS). <b>2016</b> , 30, 1032-49	14
1067	Immediate effect of two yoga-based relaxation techniques on cognitive functions in patients suffering from relapsing remitting multiple sclerosis: A comparative study. <b>2016</b> , 28, 299-308	10
1066	Social Cognition in Multiple Sclerosis: a Meta-Analysis. <b>2016</b> , 26, 160-72	41
1065	Money Management Activities in Persons With Multiple Sclerosis. <b>2016</b> , 97, 1901-1907	18
1064	Stroop event-related potentials as a bioelectrical correlate of frontal lobe dysfunction in multiple sclerosis. <b>2016</b> , 1,	2
1063	Disability-Specific Atlases of Gray Matter Loss in Relapsing-Remitting Multiple Sclerosis. <b>2016</b> , 73, 944-53	19

1062	A Protocol for Improving Loneliness in People with Multiple Sclerosis. <b>2016</b> , 32, 130-145	5
1061	Structural MRI correlates of cognitive impairment in patients with multiple sclerosis: A Multicenter Study. <b>2016</b> , 37, 1627-44	65
1060	Cognitive reserve moderates the impact of subcortical gray matter atrophy on neuropsychological status in multiple sclerosis. <b>2016</b> , 22, 36-42	44
1059	Limbic pathway lesions in patients with multiple sclerosis. <b>2016</b> , 57, 341-7	6
1058	White matter tract abnormalities are associated with cognitive dysfunction in secondary progressive multiple sclerosis. <b>2016</b> , 22, 1429-1437	22
1057	The association of pathological laughing and crying and cognitive impairment in multiple sclerosis. <b>2016</b> , 361, 200-3	10
1056	Cognitive-Motor Related Brain Activity During Walking: Differences Between Men and Women With Multiple Sclerosis. <b>2016</b> , 97, 61-6	2
1055	Effects of vigorous walking exercise on core body temperature and inhibitory control in thermosensitive persons with multiple sclerosis. <b>2016</b> , 6, 13-21	5
1054	Structural brain indices and executive functioning in multiple sclerosis: A review. <b>2016</b> , 38, 261-74	10
1053	Cross-Sectional Examination of the Associations Between Symptoms, Community Integration, and Mental Health in Multiple Sclerosis. <b>2016</b> , 97, 386-94	12
1052	Reconstruction of single cortical projection neurons reveals primary spine loss in multiple sclerosis. <b>2016</b> , 139, 39-46	101
1051	Role of executive functions in prospective memory in multiple sclerosis: Impact of the strength of cue-action association. <b>2016</b> , 38, 127-40	12
1050	Cortical thinning in the anterior cingulate cortex predicts multiple sclerosis patients' fluency performance in a lateralised manner. <b>2016</b> , 10, 89-95	22
1049	White Matter Diffusion Changes during the First Year of Natalizumab Treatment in Relapsing-Remitting Multiple Sclerosis. <b>2016</b> , 37, 1030-7	7
1048	The cognitive reserve theory in the setting of pediatric-onset multiple sclerosis. <b>2016</b> , 22, 1741-1749	19
1047	Impact of Pharmacotherapy on Cognitive Dysfunction in Patients with Multiple Sclerosis. <b>2016</b> , 30, 209-25	20
1046	Expectations impact short-term memory through changes in connectivity between attention- and task-related brain regions. <b>2016</b> , 78, 1-14	10
1045	Regional reduction in cortical blood flow among cognitively impaired adults with relapsing-remitting multiple sclerosis patients. <b>2016</b> , 22, 1421-1428	13

1044	Can we define a rehabilitation strategy for cognitive impairment in progressive multiple sclerosis? A critical appraisal. <b>2016</b> , 22, 581-9	16
1043	Cognitive impairment differs between neuromyelitis optica spectrum disorder and multiple sclerosis. <b>2016</b> , 22, 1850-1858	23
1042	Impairment of visuospatial/visuoconstructional skills in multiple sclerosis patients: the correlation with regional lesion load and subcortical atrophy. <b>2016</b> , 31, 169-75	2
1041	Multiple Sclerosis: Changes in Thalamic Resting-State Functional Connectivity Induced by a Home-based Cognitive Rehabilitation Program. <b>2016</b> , 280, 202-11	43
1040	Widespread synaptic loss in multiple sclerosis. <b>2016</b> , 139, 2-4	9
1039	Effects of a virtual reality and treadmill training on gait of subjects with multiple sclerosis: a pilot study. <b>2016</b> , 5, 91-6	45
1038	Localized atrophy of the thalamus and slowed cognitive processing speed in MS patients. <b>2016</b> , 22, 1327-36	68
1037	Acute effects of varying intensities of treadmill walking exercise on inhibitory control in persons with multiple sclerosis: A pilot investigation. <b>2016</b> , 154, 20-7	23
1036	Longitudinal associations between MRI and cognitive changes in very early MS. <b>2016</b> , 5, 47-52	22
1035	Identifying instruments to quantify financial management skills in adults with acquired cognitive impairments. <b>2016</b> , 38, 76-95	16
1034	The Relationship Between Balance Confidence and Cognitive Motor Interference in Individuals With Multiple Sclerosis. <b>2016</b> , 48, 66-71	11
1033	Hatha Yoga and Executive Function: A Systematic Review. <b>2016</b> , 22, 125-33	31
1032	Work-related problems in multiple sclerosis: a literature review on its associates and determinants. <b>2016</b> , 38, 936-44	71
1031	Exercise Training and Cognitive Rehabilitation: A Symbiotic Approach for Rehabilitating Walking and Cognitive Functions in Multiple Sclerosis?. <b>2016</b> , 30, 499-511	49
1030	Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) and performance of everyday life tasks: Actual Reality. <b>2016</b> , 22, 544-50	54
1029	Distinct and common cerebral activation changes during mental time travel in relapsing-remitting multiple sclerosis patients. <b>2016</b> , 10, 296-313	2
1028	Information processing speed in multiple sclerosis: Past, present, and future. <b>2017</b> , 23, 772-789	95
1027	Working memory network dysfunction in relapse-onset multiple sclerosis phenotypes: A clinical-imaging evaluation. <b>2017</b> , 23, 577-587	13

1026	Regular exercise promotes memory function and enhances hippocampal neuroplasticity in experimental autoimmune encephalomyelitis mice. <b>2017</b> , 346, 173-181	39
1025	Executive function is an important consideration for coping strategy use in people with multiple sclerosis. <b>2017</b> , 39, 817-831	13
1024	Sleep and its associations with perceived and objective cognitive impairment in individuals with multiple sclerosis. <b>2017</b> , 26, 428-435	19
1023	Role of Oligodendrocyte Dysfunction in Demyelination, Remyelination and Neurodegeneration in Multiple Sclerosis. <b>2017</b> , 958, 91-127	46
1022	Impacto de la fatiga y los sñtomas anñicos en el funcionamiento cognitivo en pacientes con esclerosis mltiple en brote remisiñ. <b>2017</b> , 9, 19-26	1
1021	Developing easy to perform routine MRI measurements as potential surrogates for cognitive impairment in MS. <b>2017</b> , 153, 73-78	
1020	Unplanned gait termination in individuals with multiple sclerosis. <b>2017</b> , 53, 168-172	4
1019	Event-related brain potential indices of cognitive function and brain resource reallocation during working memory in patients with Multiple Sclerosis. <b>2017</b> , 128, 604-621	23
1018	Selection of first-line therapy in multiple sclerosis using risk-benefit decision analysis. <b>2017</b> , 88, 677-684	15
1017	A single aerobic exercise session accelerates movement execution but not central processing. <b>2017</b> , 346, 149-159	5
1016	The relationship between white matter fiber damage and gray matter perfusion in large-scale functionally defined networks in multiple sclerosis. <b>2017</b> , 23, 1884-1892	4
1015	rTMS affects working memory performance, brain activation and functional connectivity in patients with multiple sclerosis. <b>2017</b> , 88, 386-394	33
1014	Outcome Measures in Clinical Trials for Multiple Sclerosis. <b>2017</b> , 31, 217-236	91
1013	Genetic susceptibility to multiple sclerosis: Brain structure and cognitive function in the general population. <b>2017</b> , 23, 1697-1706	6
1012	Increased default-mode network centrality in cognitively impaired multiple sclerosis patients. <b>2017</b> , 88, 952-960	60
1011	The effects of Tai Chi on physical and psychosocial function among persons with multiple sclerosis: A systematic review. <b>2017</b> , 31, 100-108	39
1010	Posterior lobules of the cerebellum and information processing speed at various stages of multiple sclerosis. <b>2017</b> , 88, 146-151	34
1009	A Multimodal, Nonpharmacologic Intervention Improves Mood and Cognitive Function in People with Multiple Sclerosis. <b>2017</b> , 36, 150-168	27



1008	Primary progressive multiple sclerosis presenting with severe predominant cognitive impairment and psychiatric symptoms: A challenging case. <b>2017</b> , 23, 1558-1561	2
1007	Neuropsychological correlates of theory of mind deficits in patients with multiple sclerosis. <b>2017</b> , 31, 811-821	34
1006	JIMD Reports, Volume 33. <b>2017</b> ,	
1005	Fear of Falling in People With Multiple Sclerosis: Which Clinical Characteristics Are Important?. <b>2017</b> , 97, 698-706	29
1004	The Leukocentric Theory of Neurological Disorder: A Manifesto. <b>2017</b> , 42, 2666-2672	4
1003	Neuroanatomy: The BrainBehavior Relationship. <b>2017</b> , 1-21	1
1002	Different types of exercise in Multiple Sclerosis: Aerobic exercise or Pilates, a single-blind clinical study. <b>2017</b> , 30, 565-573	15
1001	Financial Capacity and its Cognitive Predictors in Progressive Multiple Sclerosis. <b>2017</b> , 32, 943-950	3
1000	Citation classics in central nervous system inflammatory demyelinating disease. <b>2017</b> , 7, e00700	5
999	Effect of high-dose simvastatin on cognitive, neuropsychiatric, and health-related quality-of-life measures in secondary progressive multiple sclerosis: secondary analyses from the MS-STAT randomised, placebo-controlled trial. <i>Lancet Neurology, The</i> , <b>2017</b> , 16, 591-600	24.1 70
998	Cognitive impairment in Chinese IIDDs revealed by MoCA and P300. <b>2017</b> , 16, 1-7	1
997	Synthesis of a Bifunctional Peptide Inhibitor-IgG1 Fc Fusion That Suppresses Experimental Autoimmune Encephalomyelitis. <b>2017</b> , 28, 1867-1877	7
996	Exploring Neural Efficiency in Multiple Sclerosis Patients during the Symbol Digit Modalities Test: A Functional Magnetic Resonance Imaging Study. <b>2017</b> , 17, 199-207	5
995	Multiple Sclerosis: Associations Between Physical Disability and Depression Are Not Mediated by Self-Reported Physical Activity. <b>2017</b> , 124, 974-991	3
994	Corpus callosum atrophy as a marker of clinically meaningful cognitive decline in secondary progressive multiple sclerosis. Impact on employment status. <b>2017</b> , 43, 170-175	25
993	Mitochondrial DNA G13708A variation and multiple sclerosis: Is there an association?. <b>2017</b> , 173, 164-168	6
992	Dual task training in persons with Multiple Sclerosis: a feasibility randomized controlled trial. <b>2017</b> , 31, 1322-1331	20
991	The Influence of Cognitive Impairment on the Fitness-Cognition Relationship in Multiple Sclerosis. <b>2017</b> , 49, 1184-1189	17

990	Neurobiological and Psychological Aspects of Brain Recovery. <b>2017</b> ,	1
989	Non-pharmacological Approaches Based on Mind-Body Medicine to Enhancement of Cognitive and Brain Reserve in Humans. <b>2017</b> , 129-151	
988	Regression-Based Norms for the Symbol Digit Modalities Test in the Dutch Population: Improving Detection of Cognitive Impairment in Multiple Sclerosis?. <b>2017</b> , 77, 246-252	15
987	Mobility measures differentiate falls risk status in persons with multiple sclerosis: An exploratory study. <b>2017</b> , 40, 153-161	2
986	Effect on Cognition of Estroprogestins Combined with Interferon Beta in Multiple Sclerosis: Analysis of Secondary Outcomes from a Randomised Controlled Trial. <b>2017</b> , 31, 161-168	16
985	Cardiomyocyte-released factors stimulate oligodendrocyte precursor cells proliferation. <b>2017</b> , 482, 1160-1164	6
984	Cognitive impairment and structural brain changes in patients with clinically isolated syndrome at high risk for multiple sclerosis. <b>2017</b> , 264, 482-493	27
983	Increased total sodium concentration in gray matter better explains cognition than atrophy in MS. <b>2017</b> , 88, 289-295	25
982	Efficacy of fingolimod and interferon beta-1b on cognitive, MRI, and clinical outcomes in relapsing-remitting multiple sclerosis: an 18-month, open-label, rater-blinded, randomised, multicentre study (the GOLDEN study). <b>2017</b> , 264, 2436-2449	35
981	Cognition is associated with gait variability in individuals with multiple sclerosis. <b>2017</b> , 124, 1503-1508	13
980	Mesenchymal stem cells and conditioned media in the treatment of multiple sclerosis patients: Clinical, ophthalmological and radiological assessments of safety and efficacy. <b>2017</b> , 23, 866-874	67
979	Cognitive and neuropsychiatric disorders among MS patients from Latin America. <b>2017</b> , 3, 2055217317717508	7
978	The therapeutic use of non-invasive brain stimulation in multiple sclerosis - a review. <b>2017</b> , 35, 497-509	32
977	Proposed cut scores for tests of the Brief International Cognitive Assessment of Multiple Sclerosis (BICAMS). <b>2017</b> , 381, 110-116	19
976	AMPK activation: Role in the signaling pathways of neuroinflammation and neurodegeneration. <b>2017</b> , 298, 31-41	83
975	Theory of mind in multiple sclerosis: A neuropsychological and MRI study. <b>2017</b> , 658, 108-113	36
974	Distinct cognitive impairments in different disease courses of multiple sclerosis-A systematic review and meta-analysis. <b>2017</b> , 83, 568-578	50
973	Effects of cognitive versus motor dual-task on spatiotemporal gait parameters in healthy controls and multiple sclerosis patients with and without fall history. <b>2017</b> , 18, 8-14	14

972	Does including the full CVLT-II and BVMT-R improve BICAMS? Evidence from a Belgian (Dutch) validation study. <b>2017</b> , 18, 33-40	22
971	How Do Pain, Fatigue, Depressive, and Cognitive Symptoms Relate to Well-Being and Social and Physical Functioning in the Daily Lives of Individuals With Multiple Sclerosis?. <b>2017</b> , 98, 2160-2166	30
970	Pain, Fatigue, and Cognitive Symptoms Are Temporally Associated Within but Not Across Days in Multiple Sclerosis. <b>2017</b> , 98, 2151-2159	16
969	Predictors of Postdeployment Functioning in Combat-Exposed U.S. Military Veterans. <b>2017</b> , 5, 650-663	10
968	Ecological Momentary Assessment of Pain, Fatigue, Depressive, and Cognitive Symptoms Reveals Significant Daily Variability in Multiple Sclerosis. <b>2017</b> , 98, 2142-2150	41
967	Multimodal exercise training in multiple sclerosis: A randomized controlled trial in persons with substantial mobility disability. <b>2017</b> , 61, 39-47	29
966	Preliminary Evidence For The Effects Of Aging And Multiple Sclerosis On Cognitive Performance: An Analysis Based On Effect Size Estimates. <b>2017</b> , 43, 346-354	12
965	Medical decision-making capacity and its cognitive predictors in progressive MS: Preliminary evidence. <b>2017</b> , 380, 38-43	6
964	Prevalence of cognitive impairment among Hungarian patients with relapsing-remitting multiple sclerosis and clinically isolated syndrome. <b>2017</b> , 17, 57-62	15
963	Multiple sclerosis: Treatment of cognitive impairment in secondary progressive MS. <b>2017</b> , 13, 515-516	1
962	Gulf War illness (GWI) as a neuroimmune disease. <b>2017</b> , 235, 3217-3225	40
961	Pattern separation performance is decreased in patients with early multiple sclerosis. <b>2017</b> , 7, e00739	15
960	Cognitive impairment in multiple sclerosis - a review of current knowledge and recent research. <b>2017</b> , 28, 845-860	72
959	Effects of a Training Program Involving Body Cooling on Physical and Cognitive Capacities and Quality of Life in Multiple Sclerosis Patients: A Pilot Study. <b>2017</b> , 78, 71-77	13
958	The Effectiveness of Mindfulness-Based Stress Reduction on Psychological Distress and Cognitive Functioning in Patients with Multiple Sclerosis: a Pilot Study. <b>2017</b> , 8, 1251-1258	38
957	Cognitive-motor interference in multiple sclerosis: What happens when the gait speed is fixed?. <b>2017</b> , 57, 211-216	9
956	Mindfulness-based stress reduction for people with multiple sclerosis - a feasibility randomised controlled trial. <b>2017</b> , 17, 94	57
955	The still under-investigated role of cognitive deficits in PML diagnosis. <b>2017</b> , 2,	3

954	Hippocampal neuroplasticity and inflammation: relevance for multiple sclerosis. <b>2017</b> , 2,	12
953	Social Cognition Abilities in Patients With Different Multiple Sclerosis Subtypes. <b>2017</b> , 23, 653-664	21
952	Radiologically isolated syndrome: watchful waiting vs. active treatment. <b>2017</b> , 17, 441-447	4
951	Selective dentate gyrus disruption causes memory impairment at the early stage of experimental multiple sclerosis. <b>2017</b> , 60, 240-254	36
950	Physical activity and cognitive function in adults with multiple sclerosis: an integrative review. <b>2017</b> , 39, 1909-1920	19
949	Age and disability drive cognitive impairment in multiple sclerosis across disease subtypes. <b>2017</b> , 23, 1258-1267	136
948	Hippocampal microstructural damage correlates with memory impairment in clinically isolated syndrome suggestive of multiple sclerosis. <b>2017</b> , 23, 1214-1224	41
947	Case Studies in Multiple Sclerosis. <b>2017</b> ,	
946	Mapping face encoding using functional MRI in multiple sclerosis across disease phenotypes. <b>2017</b> , 11, 1238-1247	2
945	Cognitive screening in Multiple Sclerosis: the Five-Point Test as a substitute for the PASAT in measuring executive function. <b>2017</b> , 31, 179-192	12
944	Hippocampal and Deep Gray Matter Nuclei Atrophy Is Relevant for Explaining Cognitive Impairment in MS: A Multicenter Study. <b>2017</b> , 38, 18-24	49
943	Capacity for financial decision making in multiple sclerosis. <b>2017</b> , 39, 46-57	12
942	Exercise training effects on memory and hippocampal viscoelasticity in multiple sclerosis: a novel application of magnetic resonance elastography. <b>2017</b> , 59, 61-67	66
941	Changes in the Brain. <b>2017</b> ,	
940	Differential effects of aging on motor and cognitive functioning in multiple sclerosis. <b>2017</b> , 23, 1385-1393	32
939	Virtual street-crossing performance in persons with multiple sclerosis: Feasibility and task performance characteristics. <b>2017</b> , 18, 47-55	4
938	Non-amnestic mild cognitive impairment. 232-244	0
937	Cognitive Impairment in Relapsing-Remitting Multiple Sclerosis Patients with Very Mild Clinical Disability. <b>2017</b> , 2017, 7404289	40

936	Multiple Sclerosis. <b>2017</b> , 145-179	1
935	A Comparison of Implicit and Explicit Motor Sequence Learning in Patients with Relapsing-Remitting Multiple Sclerosis. <b>2017</b> , 5,	3
934	Behavioral Changes in Patients with Multiple Sclerosis. <b>2017</b> , 8, 437	4
933	Functional Components of Cognitive Impairment in Multiple Sclerosis: A Cross-Sectional Investigation. <b>2017</b> , 8, 643	25
932	Amyloid- $\beta$ Homeostasis Bridges Inflammation, Synaptic Plasticity Deficits and Cognitive Dysfunction in Multiple Sclerosis. <b>2017</b> , 10, 390	17
931	Signes et symptômes de la sclérose en plaques. <b>2017</b> , 3-78	
930	Face-to-Face or Telematic Cognitive Stimulation in Patients with Multiple Sclerosis and Cognitive Impairment: Why Not Both?. <b>2017</b> , 2017, 5713934	2
929	Thérapeutiques et prise en charge de la sclérose en plaques. <b>2017</b> , 145-216	1
928	Contribution of Gray and White Matter Abnormalities to Cognitive Impairment in Multiple Sclerosis. <b>2016</b> , 18,	32
927	Limbic system damage in MS: MRI assessment and correlations with clinical testing. <b>2017</b> , 12, e0187915	9
926	Cognitive rehabilitation and mindfulness in multiple sclerosis (REMIND-MS): a study protocol for a randomised controlled trial. <b>2017</b> , 17, 201	10
925	The Turkish validation of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) battery. <b>2017</b> , 17, 208	24
924	DNA methylation in demyelinated multiple sclerosis hippocampus. <b>2017</b> , 7, 8696	36
923	Kognitive Defizite bei chronisch-entzündlichen ZNS-Erkrankungen. <b>2017</b> , 28, 40-48	
922	Superior Cerebellar Peduncle Atrophy Predicts Cognitive Impairment in Relapsing Remitting Multiple Sclerosis Patients with Cerebellar Symptoms: A DTI Study. <b>2017</b> , 04,	1
921	Mindfulness-based cognitive therapy for severely fatigued multiple sclerosis patients: A waiting list controlled study. <b>2017</b> , 49, 497-504	36
920	Tai chi for health benefits in patients with multiple sclerosis: A systematic review. <b>2017</b> , 12, e0170212	37
919	Brain connectivity and cognitive processing speed in multiple sclerosis: A systematic review. <b>2018</b> , 388, 115-127	17

918	Combining clinical and magnetic resonance imaging markers enhances prediction of 12-year employment status in multiple sclerosis patients. <b>2018</b> , 388, 87-93	5
917	Lesion accumulation is predictive of long-term cognitive decline in multiple sclerosis. <b>2018</b> , 21, 110-116	10
916	Explaining the heterogeneity of functional connectivity findings in multiple sclerosis: An empirically informed modeling study. <b>2018</b> , 39, 2541-2548	23
915	The role of the cerebellum in multiple sclerosis-150 years after Charcot. <b>2018</b> , 89, 85-98	31
914	Positive effects of fampridine on cognition, fatigue and depression in patients with multiple sclerosis over 2 years. <b>2018</b> , 265, 1016-1025	27
913	Neuropsychology in the Integrated MS Care Setting. <b>2018</b> , 33, 330-338	1
912	Efficacy of Psychosocial Interventions for People with Multiple Sclerosis: A Meta-Analysis of Specific Treatment Effects. <b>2018</b> , 87, 105-111	20
911	TRPM2 Channel Aggravates CNS Inflammation and Cognitive Impairment via Activation of Microglia in Chronic Cerebral Hypoperfusion. <b>2018</b> , 38, 3520-3533	52
910	Beneficial Effects of the Calcium Channel Blocker CTK 01512-2 in a Mouse Model of Multiple Sclerosis. <b>2018</b> , 55, 9307-9327	34
909	Impulsivity traits in patients with multiple sclerosis. <b>2018</b> , 22, 148-152	8
908	Spanish validation of a specific measure to assess work-related problems in people with multiple sclerosis: The Multiple Sclerosis Work Difficulties Questionnaire (MSWDQ-23). <b>2018</b> , 22, 115-119	12
907	Translational validity of PASAT and the effect of fatigue and mood in patients with relapsing remitting MS: A functional MRI study. <b>2018</b> , 24, 832-838	2
906	People with multiple sclerosis report cognitive rehabilitation is effective in increasing strategy use and quality of life but they recommend more caregiver involvement and personal feedback to enhance outcomes. <b>2018</b> , 65, 161-162	1
905	Visual Pathway Measures are Associated with Neuropsychological Function in Multiple Sclerosis. <b>2018</b> , 43, 941-948	8
904	Structural MRI Correlates of Cognitive Event-Related Potentials in Multiple Sclerosis. <b>2018</b> , 35, 399-407	2
903	Advanced Technologies for the Rehabilitation of Gait and Balance Disorders. <b>2018</b> ,	4
902	The Influence of Cognitive Factors on Balance and Gait. <b>2018</b> , 121-134	
901	Cerebellum and cognition in multiple sclerosis: the fall status matters. <b>2018</b> , 265, 809-816	8

900	Structural MRI correlates of cognitive function in multiple sclerosis. <b>2018</b> , 21, 1-8	5
899	Bryostatins-1 alleviates experimental multiple sclerosis. <b>2018</b> , 115, 2186-2191	25
898	Machine Learning EEG to Predict Cognitive Functioning and Processing Speed Over a 2-Year Period in Multiple Sclerosis Patients and Controls. <b>2018</b> , 31, 346-363	17
897	Sleep Disturbance and Cognitive Dysfunction in Multiple Sclerosis: a Systematic Review. <b>2018</b> , 18, 2	30
896	Improved cognitive performance and event-related potential changes following working memory training in patients with multiple sclerosis. <b>2018</b> , 4, 2055217317747626	15
895	Examining the effectiveness of acetylcholinesterase inhibitors and stimulant-based medications for cognitive dysfunction in multiple sclerosis: A systematic review and meta-analysis. <b>2018</b> , 86, 99-107	13
894	Cognitive phenotypes in multiple sclerosis. <b>2018</b> , 265, 562-566	24
893	A factor analytic investigation of the Mercy Evaluation of Multiple Sclerosis. <b>2018</b> , 32, 1431-1453	2
892	Exercise as a Countermeasure to Declining Central Nervous System Function in Multiple Sclerosis. <b>2018</b> , 40, 16-25	19
891	Dual Task of Fine Motor Skill and Problem Solving in Individuals With Multiple Sclerosis: A Pilot Study. <b>2018</b> , 99, 635-640	5
890	Personal Income Before and After Diagnosis of Multiple Sclerosis. <b>2018</b> , 21, 590-595	13
889	Cell-specific and region-specific transcriptomics in the multiple sclerosis model: Focus on astrocytes. <b>2018</b> , 115, E302-E309	123
888	Multiple Sclerosis Re-Examined: Essential and Emerging Clinical Concepts. <b>2018</b> , 131, 464-472	11
887	Cognition in multiple sclerosis: Between cognitive reserve and brain volume. <b>2018</b> , 386, 19-22	16
886	Theory of Mind and Executive Functions are Dissociated in Multiple Sclerosis. <b>2018</b> , 33, 541-551	14
885	Multiple sclerosis: Executive dysfunction, task switching and the role of attention. <b>2018</b> , 4, 20552173187717813	
884	A simple measure of cognitive reserve is relevant for cognitive performance in MS patients. <b>2018</b> , 39, 1267-1273	3
883	On the role of the prefrontal cortex in fatigue effects on cognitive flexibility - a system neurophysiological approach. <b>2018</b> , 8, 6395	14

882	The Italian validation of the minimal assessment of cognitive function in multiple sclerosis (MACFIMS) and the application of the Cognitive Impairment Index scoring procedure in MS patients. <b>2018</b> , 39, 1237-1244	4
881	The importance of hippocampal dynamic connectivity in explaining memory function in multiple sclerosis. <b>2018</b> , 8, e00954	21
880	Prevalence of and risk factors for cognitive impairment in patients with relapsing-remitting multiple sclerosis: Multi-center, controlled trial. <b>2018</b> , 22, 70-76	22
879	Treatment choices and neuropsychological symptoms of a large cohort of early MS. <b>2018</b> , 5, e446	40
878	Comparison of the abbreviated minimal assessment of cognitive function in multiple sclerosis (aMACFIMS) and the brief international cognitive assessment for multiple sclerosis (BICAMS). <b>2018</b> , 388, 70-75	17
877	Association Between Sleep Problems and Perceived Cognitive Dysfunction Over 12 Months in Individuals with Multiple Sclerosis. <b>2018</b> , 16, 79-91	8
876	Neuropsychological assessment without upper limb involvement: a systematic review of oral versions of the Trail Making Test and Symbol-Digit Modalities Test. <b>2018</b> , 28, 1055-1077	11
875	Benefits from an autobiographical memory facilitation programme in relapsing-remitting multiple sclerosis patients: a clinical and neuroimaging study. <b>2018</b> , 28, 1110-1130	11
874	Integrative group-based cognitive rehabilitation efficacy in multiple sclerosis: a randomized clinical trial. <b>2018</b> , 40, 208-216	22
873	Multiple sclerosis and alcohol use disorders: In-hospital mortality, extended hospital stays, and overexpenditures. <b>2016</b> , 33, 351-351	2
872	Individuals with mild MS with poor sleep quality have impaired visuospatial memory and lower perceived functional abilities. <b>2018</b> , 11, 116-121	10
871	A randomized controlled trial to treat impaired learning and memory in multiple sclerosis: The self-GEN trial. <b>2018</b> , 24, 1096-1104	15
870	Cognitive impairment in patients with multiple sclerosis is associated with atrophy of the inner retinal layers. <b>2018</b> , 24, 158-166	30
869	Attention and processing speed performance in multiple sclerosis is mostly related to thalamic volume. <b>2018</b> , 12, 20-28	25
868	Trait neuroticism, extraversion, and conscientiousness in multiple sclerosis: Link to cognitive impairment?. <b>2018</b> , 24, 205-213	10
867	Remote assessment of verbal memory in MS patients using the California Verbal Learning Test. <b>2018</b> , 24, 354-357	9
866	Cognitive dysfunction in early multiple sclerosis: a review. <b>2018</b> , 111, 359-364	29
865	BICAMS in the Argentine population: Relationship with clinical and sociodemographic variables. <b>2018</b> , 25, 424-433	8



864	Communication in Multiple Sclerosis: Pragmatic Deficit and its Relation with Cognition and Social Cognition. <b>2018</b> , 33, 194-205	41
863	Brain activity, regional gray matter loss, and decision-making in multiple sclerosis. <b>2018</b> , 24, 1163-1173	12
862	The RAPID-II Neuropsychological Test battery for subjects aged 20 to 49 years: Norms and cognitive profile. <b>2018</b> , 174, 44-55	2
861	Patients with paediatric-onset multiple sclerosis are at higher risk of cognitive impairment in adulthood: An Italian collaborative study. <b>2018</b> , 24, 1234-1242	24
860	Memory rehabilitation for the working memory of patients with multiple sclerosis (MS). <b>2018</b> , 40, 405-410	6
859	Executive functioning in relapsing-remitting multiple sclerosis patients without cognitive impairment: A task-switching protocol. <b>2018</b> , 24, 1328-1336	10
858	Numeracy of multiple sclerosis patients: A comparison of patients from the PERCEPT study to a German probabilistic sample. <b>2018</b> , 101, 74-78	7
857	Visual Correlates of Fitness to Drive in Adults With Multiple Sclerosis. <b>2018</b> , 38, 15-27	5
856	Role of the epigenetic factor Sirt7 in neuroinflammation and neurogenesis. <b>2018</b> , 131, 1-9	12
855	Reduced GABA levels correlate with cognitive impairment in patients with relapsing-remitting multiple sclerosis. <b>2018</b> , 28, 1140-1148	38
854	Subcortical gray matter atrophy is associated with cognitive deficit in multiple sclerosis but not in systemic lupus erythematosus patients. <b>2018</b> , 27, 610-620	6
853	Role of Demographic and Clinical Factors in Cognitive Functioning of Persons with Relapsing-Remitting and Progressive Multiple Sclerosis. <b>2018</b> , 24, 139-146	3
852	Reporting interventions in trials evaluating cognitive rehabilitation in people with multiple sclerosis: a systematic review. <b>2018</b> , 32, 243-254	14
851	Cognitive impairment and the regional distribution of cerebellar lesions in multiple sclerosis. <b>2018</b> , 24, 1687-1695	10
850	Altered bodily self-consciousness in multiple sclerosis. <b>2018</b> , 12, 463-470	6
849	Characterization of social cognition impairment in multiple sclerosis. <b>2018</b> , 25, 90-96	20
848	Estudio del estatus laboral y el nivel socioeconómico en personas con esclerosis múltiple en 2 centros de Buenos Aires. <b>2018</b> , 10, 16-23	1
847	Progressive Multiple Sclerosis. <b>2018</b> ,	

846	Prospective memory impairment in multiple sclerosis: a review. <b>2018</b> , 32, 922-936	13
845	Relationships between neuropsychological and antisaccade measures in multiple sclerosis patients. <b>2018</b> , 6, e5737	6
844	Cognitive and Language Deficits in Multiple Sclerosis: Comparison of Relapsing Remitting and Secondary Progressive Subtypes. <b>2018</b> , 12, 19-30	13
843	Model Systems to Define Remyelination Therapies. <b>2018</b> ,	
842	Palliative care interventions for people with multiple sclerosis. <b>2018</b> ,	78
841	Enhanced GABAergic Tonic Inhibition Reduces Intrinsic Excitability of Hippocampal CA1 Pyramidal Cells in Experimental Autoimmune Encephalomyelitis. <b>2018</b> , 395, 89-100	1
840	Identification of Cortical and Subcortical Correlates of Cognitive Performance in Multiple Sclerosis Using Voxel-Based Morphometry. <b>2018</b> , 9, 920	20
839	Short-term interval aerobic exercise training does not improve memory functioning in relapsing-remitting multiple sclerosis-a randomized controlled trial. <b>2018</b> , 6, e6037	19
838	Performance in daily activities, cognitive impairment and perception in multiple sclerosis patients and their caregivers. <b>2018</b> , 18, 212	14
837	Adjustments in Torque Steadiness During Fatiguing Contractions Are Inversely Correlated With IQ in Persons With Multiple Sclerosis. <b>2018</b> , 9, 1404	4
836	Rationale and design of a single-blind, randomised controlled trial of exercise training for managing learning and memory impairment in persons with multiple sclerosis. <b>2018</b> , 8, e023231	7
835	Silent Free Fall at Disease Onset: A Perspective on Therapeutics for Progressive Multiple Sclerosis. <b>2018</b> , 9, 973	6
834	Biomedical Variables and Adaptation to Disease and Health-Related Quality of Life in Polish Patients with MS. <b>2018</b> , 15,	5
833	Detection of Leukocortical Lesions in Multiple Sclerosis and Their Association with Physical and Cognitive Impairment: A Comparison of Conventional and Synthetic Phase-Sensitive Inversion Recovery MRI. <b>2018</b> , 39, 1995-2000	10
832	The Bayesian risk estimate at onset (BREMSO) correlates with cognitive and physical disability in patients with early multiple sclerosis. <b>2018</b> , 26, 96-102	1
831	The role of optical coherence tomography and infrared oculography in assessing the visual pathway and CNS in multiple sclerosis. <b>2018</b> , 8, 323-335	2
830	Is impaired information processing speed a matter of structural or functional damage in MS?. <b>2018</b> , 20, 844-850	15
829	Altered tryptophan metabolism is associated with pediatric multiple sclerosis risk and course. <b>2018</b> , 5, 1211-1221	30

828	Predicting Diagnosis of Alzheimer's Disease and Related Dementias Using Administrative Claims. <b>2018</b> , 24, 1138-1145	14
827	Cognitive Deficits in Multiple Sclerosis: Recent Advances in Treatment and Neurorehabilitation. <b>2018</b> , 20, 53	21
826	Recommendations for cognitive screening and management in multiple sclerosis care. <b>2018</b> , 24, 1665-1680	136
825	Encyclopedia of Clinical Neuropsychology. <b>2018</b> , 2722-2724	2
824	Basal cortisol levels and the relationship with clinical symptoms in multiple sclerosis: a systematic review. <b>2018</b> , 76, 622-634	11
823	Mobile Universal Lexicon Evaluation System (MULES) in MS: Evaluation of a new visual test of rapid picture naming. <b>2018</b> , 394, 1-5	7
822	Pilot investigation of the relationship between hippocampal volume and pattern separation deficits in multiple sclerosis. <b>2018</b> , 26, 157-163	4
821	Aerobic Capacity Is Not Associated with Most Cognitive Domains in Patients with Multiple Sclerosis-A Cross-Sectional Investigation. <b>2018</b> , 7,	11
820	Encyclopedia of Clinical Neuropsychology. <b>2018</b> , 2937-2939	
819	The subtleties of cognitive decline in multiple sclerosis: an exploratory study using hierarchical cluster analysis of CANTAB results. <b>2018</b> , 18, 140	5
818	Integrative CNS Plasticity With Exercise in MS: The PRIMERS (PRocessing, Integration of Multisensory Exercise-Related Stimuli) Conceptual Framework. <b>2018</b> , 32, 847-862	19
817	Cognitive-motor interference during gait in patients with Multiple Sclerosis: a mixed methods Systematic Review. <b>2018</b> , 94, 126-148	20
816	Multiple sclerosis and cognition: synaptic failure and network dysfunction. <b>2018</b> , 19, 599-609	87
815	Longitudinal analysis of verbal episodic memory in patients with relapsing-remitting multiple sclerosis. <b>2018</b> , 76, 302-309	1
814	Salivary biomarkers for the diagnosis and monitoring of neurological diseases. <b>2018</b> , 41, 63-87	78
813	Cognitive assessment in multiple sclerosis-an Italian consensus. <b>2018</b> , 39, 1317-1324	18
812	Information processing speed in multiple sclerosis: Relevance of default mode network dynamics. <b>2018</b> , 19, 507-515	34
811	Determinants of Cognitive Impairment in Patients with Multiple Sclerosis with and without Atrophy. <b>2018</b> , 288, 544-551	22

810	Does focal inflammation have an impact on cognition in multiple sclerosis? An MRI study. <b>2018</b> , 23, 83-87	5
809	Cognitive performance in multiple sclerosis: the contribution of intellectual enrichment and brain MRI measures. <b>2018</b> , 265, 1772-1779	9
808	The antibody rHlgM22 facilitates hippocampal remyelination and ameliorates memory deficits in the cuprizone mouse model of demyelination. <b>2018</b> , 1694, 73-86	11
807	Regulation of Central Nervous System Myelination in Higher Brain Functions. <b>2018</b> , 2018, 6436453	40
806	Neuropsychological Features of Multiple Sclerosis: Impact and Rehabilitation. <b>2018</b> , 2018, 4831647	9
805	Decision-Making in Multiple Sclerosis Patients: A Systematic Review. <b>2018</b> , 2018, 7835952	8
804	A Cognitive Occupation-Based Programme for People with Multiple Sclerosis: A Study to Test Feasibility and Clinical Outcomes. <b>2018</b> , 2018, 1614901	10
803	Multiple sclerosis and alcohol use disorders: in-hospital mortality, extended hospital stays, and overexpenditures. <b>2018</b> , 33, 351-359	
802	Current evidence on the potential therapeutic applications of transcranial magnetic stimulation in multiple sclerosis: A systematic review of the literature. <b>2018</b> ,	4
801	Multiple Sklerose und andere autoimmune ZNS-Erkrankungen. <b>2018</b> , 1-103	
800	Quality employment outcomes after multiple sclerosis: A comparison of participants from a specialty hospital and the National MS Society. <b>2018</b> , 48, 177-186	7
799	Repetitive Transcranial Magnetic Stimulation, Cognition, and Multiple Sclerosis: An Overview. <b>2018</b> , 2018, 8584653	20
798	Perceived cognitive deficits and depressive symptoms in patients with multiple sclerosis: Perceived stress and sleep quality as mediators. <b>2018</b> , 25, 150-155	12
797	Evidence of attentional impairments using virtual driving simulation in multiple sclerosis. <b>2018</b> , 25, 251-257	10
796	Multimodal assessment of normal-appearing corpus callosum is a useful marker of disability in relapsing-remitting multiple sclerosis: an MRI cluster analysis study. <b>2018</b> , 265, 2243-2250	8
795	Multiple Sclerosis. 228-243	
794	Predicting cognitive decline in multiple sclerosis: a 5-year follow-up study. <b>2018</b> , 141, 2605-2618	74
793	Altered hippocampal GABA and glutamate levels and uncoupling from functional connectivity in multiple sclerosis. <b>2018</b> , 28, 813-823	19

792	Alemtuzumab Improves Cognitive Processing Speed in Active Multiple Sclerosis-A Longitudinal Observational Study. <b>2017</b> , 8, 730	16
791	Investigating Domain-Specific Cognitive Impairment Among Patients With Multiple Sclerosis Using Touchscreen Cognitive Testing in Routine Clinical Care. <b>2018</b> , 9, 331	12
790	Dual-Tasking in Multiple Sclerosis - Implications for a Cognitive Screening Instrument. <b>2018</b> , 12, 24	9
789	Multiple Sclerosis. <b>2018</b> , 326-332.e12	
788	Magnetic resonance markers of tissue damage related to connectivity disruption in multiple sclerosis. <b>2018</b> , 20, 161-168	14
787	A cross-sectional and longitudinal study evaluating brain volumes, RNFL, and cognitive functions in MS patients and healthy controls. <b>2018</b> , 18, 67	16
786	Timed instrumental activities of daily living in multiple sclerosis: The test of everyday cognitive ability (TECA). <b>2018</b> , 23, 69-73	2
785	Estriol-mediated neuroprotection in multiple sclerosis localized by voxel-based morphometry. <b>2018</b> , 8, e01086	14
784	Our disease: a qualitative meta-synthesis of the experiences of spousal/partner caregivers of people with multiple sclerosis. <b>2018</b> , 32, 1262-1278	6
783	Neural Correlates of Outcome Anticipation in Multiple Sclerosis. <b>2018</b> , 9, 572	1
782	Pragmatic abilities in multiple sclerosis: The contribution of the temporo-parietal junction. <b>2018</b> , 185, 47-53	12
781	Neuropsychiatric assessments in patients with multiple sclerosis in early phases and with low disability. <b>2018</b> , 14, 1665-1670	3
780	Regional neuronal activity in patients with relapsing remitting multiple sclerosis. <b>2018</b> , 138, 466-474	6
779	Correlation between cortical lesions and cognitive impairment in multiple sclerosis. <b>2018</b> , 8, e00955	11
778	Thalamic and hippocampal volume associated with memory functions in multiple sclerosis. <b>2018</b> , 125, 61-68	2
777	PET imaging of synaptic density: A new tool for investigation of neuropsychiatric diseases. <b>2019</b> , 691, 44-50	43
776	Moral Cognition and Multiple Sclerosis: A Neuropsychological Study. <b>2019</b> , 34, 319-326	11
775	Achillea millefolium is beneficial as an add-on therapy in patients with multiple sclerosis: A randomized placebo-controlled clinical trial. <b>2019</b> , 52, 89-97	9

774	Self-reported cognitive function in a large international cohort of people with multiple sclerosis: associations with lifestyle and other factors. <b>2019</b> , 26, 142-154	7
773	Brain Mechanism in the Human-Computer Interaction Modes Leading to Different Motor Performance. <b>2019</b> ,	1
772	MicroRNA-223 protects neurons from degeneration in experimental autoimmune encephalomyelitis. <b>2019</b> , 142, 2979-2995	32
771	Data fusion detects consistent relations between non-lesional white matter myelin, executive function, and clinical characteristics in multiple sclerosis. <b>2019</b> , 24, 101926	4
770	Effect of dalfampridine on information processing speed impairment in multiple sclerosis. <b>2019</b> , 93, e733-e74616	
769	Cognitive impairment as one of the important non-motor symptoms in multiple sclerosis and neuromyelitis optica spectrum disorders. <b>2019</b> , 10, 152-160	4
768	Association Between White Matter Microstructure and Verbal Fluency in Patients With Multiple Sclerosis. <b>2019</b> , 10, 1607	16
767	Functional correlates of cognitive dysfunction in clinically isolated syndromes. <b>2019</b> , 14, e0219590	3
766	Exploring the role of music therapy in multiple sclerosis: brief updates from research to clinical practice. <b>2019</b> , 40, 2277-2285	10
765	Multiple Sclerosis. <b>2019</b> , 399-407	
764	The feasibility, reliability and concurrent validity of the MSReactor computerized cognitive screening tool in multiple sclerosis. <b>2019</b> , 12, 1756286419859183	9
763	Computerized Cognitive Training in Multiple Sclerosis: A Systematic Review and Meta-analysis. <b>2019</b> , 33, 695-706	22
762	Neuropathological features of non-motor symptoms in multiple sclerosis and neuromyelitis optica. <b>2019</b> , 10, 161-168	1
761	Neuropsychological characteristics of benign multiple sclerosis patients: A two-year matched cohort study. <b>2019</b> , 35, 150-155	1
760	Cognitive and brain reserve in multiple sclerosis--A cross-sectional study. <b>2019</b> , 35, 128-134	10
759	Gadolinium Retention in the Brain: An MRI Relaxometry Study of Linear and Macrocytic Gadolinium-Based Contrast Agents in Multiple Sclerosis. <b>2019</b> , 40, 1265-1273	13
758	Impact of opium dependency on clinical and neuropsychological indices of multiple sclerosis patients. <b>2019</b> , 40, 2501-2507	
757	Applying the Illinois Work and Well-Being Model to increase labor force participation among people with multiple sclerosis. <b>2019</b> , 51, 11-20	5

756	A Pilot Study to Assess At-Home Speed of Processing Training for Individuals with Multiple Sclerosis. <b>2019</b> , 2019, 3584259	1
755	The Norwegian translation of the brief international cognitive assessment for multiple sclerosis (BICAMS). <b>2019</b> , 36, 101408	4
754	The Brain at Risk. <b>2019</b> ,	1
753	Granger causality analysis in combination with directed network measures for classification of MS patients and healthy controls using task-related fMRI. <b>2019</b> , 115, 103495	16
752	Protocol for a systematically-developed, phase I/II, single-blind randomized controlled trial of treadmill walking exercise training effects on cognition and brain function in persons with multiple sclerosis. <b>2019</b> , 87, 105878	6
751	Mobility and Cognitive Improvements Resulted from Overground Robotic Exoskeleton Gait-Training in Persons with MS. <b>2019</b> , 2019, 4454-4457	1
750	Neuropsychological management of multiple sclerosis: evaluation of a supervised and customized cognitive rehabilitation program for self-used at home (SEPIA): protocol for a randomized controlled trial. <b>2019</b> , 20, 614	2
749	Contributing factors to health-related quality of life in multiple sclerosis. <b>2019</b> , 9, e01466	17
748	Psychopharmacology of multiple sclerosis. <b>2019</b> , 165, 309-315	1
747	Dysexecutive Syndromes. <b>2019</b> ,	2
746	Correlation between brain magnetic resonance imaging, cognitive dysfunction and physical disability in multiple sclerosis. <b>2019</b> , 55,	0
745	Cognitive function in multiple sclerosis: A long-term look on the bright side. <b>2019</b> , 14, e0221784	8
744	Beyond cognitive dysfunction: Relevance of ecological validity of neuropsychological tests in multiple sclerosis. <b>2019</b> , 25, 1412-1419	7
743	Beyond rehabilitation in MS: Insights from non-invasive brain stimulation. <b>2019</b> , 25, 1363-1371	14
742	Cognitive-Postural Interference in Multiple Sclerosis. <b>2019</b> , 10, 913	8
741	The association between executive functioning, coping styles and depressive symptoms in patients with Multiple Sclerosis. <b>2019</b> , 36, 101392	1
740	7T quantitative magnetization transfer (qMT) of cortical gray matter in multiple sclerosis correlates with cognitive impairment. <b>2019</b> , 203, 116190	12
739	Self-regulation of brain activity and its effect on cognitive function in patients with multiple sclerosis - First insights from an interventional study using neurofeedback. <b>2019</b> , 130, 2124-2131	11

738	Time-Based Prospective Memory Is Associated with Functional Performance in Persons with MS. <b>2019</b> , 25, 1035-1043	4
737	Resolving the cognitive clinico-radiological paradox - Microstructural degeneration of fronto-striatal-thalamic loops in early active multiple sclerosis. <b>2019</b> , 121, 239-252	7
736	Quality of life in patients with multiple sclerosis and its association with depressive symptoms and physical disability. <b>2019</b> , 36, 101386	24
735	Validity of the Verbal Concept Attainment Test in multiple sclerosis. <b>2019</b> , 41, 331-340	1
734	Social cognition deficits and the role of amygdala in relapsing remitting multiple sclerosis patients without cognitive impairment. <b>2019</b> , 29, 118-123	26
733	Social Mind and Long-Lasting Disease: Focus on Affective and Cognitive Theory of Mind in Multiple Sclerosis. <b>2019</b> , 10, 218	21
732	Gait abnormalities in minimally disabled people with Multiple Sclerosis: A 3D-motion analysis study. <b>2019</b> , 29, 100-107	23
731	Motor performance improvement through virtual reality task is related to fatigue and cognition in people with multiple sclerosis. <b>2019</b> , 24, e1782	6
730	Resistance-exercise training ameliorates LPS-induced cognitive impairment concurrent with molecular signaling changes in the rat dentate gyrus. <b>2019</b> , 127, 254-263	7
729	The evaluation of an online mindfulness program for people with multiple sclerosis: study protocol. <b>2019</b> , 19, 129	10
728	Distinctive Pattern of Cognitive Disorders During Multiple Sclerosis Relapse and Recovery Based on Computerized CANTAB Tests. <b>2019</b> , 10, 572	10
727	Cognitive Dysfunctions and Assessments in Multiple Sclerosis. <b>2019</b> , 10, 581	27
726	Working memory profiles of patients with multiple sclerosis: Where does the impairment lie?. <b>2019</b> , 41, 832-844	5
725	Association of Genetic Risk for Rheumatoid Arthritis With Cognitive and Psychiatric Phenotypes Across Childhood and Adolescence. <b>2019</b> , 2, e196118	10
724	Gut microbiota depletion from early adolescence alters adult immunological and neurobehavioral responses in a mouse model of multiple sclerosis. <b>2019</b> , 157, 107685	28
723	Clinical trials for multiple sclerosis: Outcome measures and impact on cognitive function. <b>2019</b> , 10, 169-179	
722	Test-Retest Reliability of Cognitive-Motor Interference Assessments in Walking With Various Task Complexities in Persons With Multiple Sclerosis. <b>2019</b> , 33, 623-634	12
721	Cerebrospinal fluid neurofilament light chain tracks cognitive impairment in multiple sclerosis. <b>2019</b> , 266, 2157-2163	22



720	Validity and Reliability of Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in Indonesia and the Correlation with Quality of Life. <b>2019</b> , 2019, 4290352	6
719	Neural mechanisms of perceptual decision-making and their link to neuropsychiatric symptoms in multiple sclerosis. <b>2019</b> , 33, 139-145	3
718	Impaired Self-Other Distinction and Subcortical Gray-Matter Alterations Characterize Socio-Cognitive Disturbances in Multiple Sclerosis. <b>2019</b> , 10, 525	8
717	A cognitive occupation-based programme for people with multiple sclerosis: A new occupational therapy cognitive rehabilitation intervention. <b>2019</b> , 32, 41-52	7
716	Physician's Field Guide to Neuropsychology. <b>2019</b> ,	0
715	Cognitive Impairment in Multiple Sclerosis Is Reflected by Increased Susceptibility to the Sound-Induced Flash Illusion. <b>2019</b> , 10, 373	3
714	Cognitive Assessment of Individuals with Multiple Sclerosis in the Arab World: a Systematic Review. <b>2019</b> , 29, 259-269	5
713	Slowed articulation rate is associated with information processing speed decline in multiple sclerosis: A pilot study. <b>2019</b> , 65, 28-33	9
712	Repeated Working Memory Training Improves Task Performance and Neural Efficiency in Multiple Sclerosis Patients and Healthy Controls. <b>2019</b> , 2019, 2657902	6
711	The relationship between physical activity and symptoms of fatigue, mood, and perceived cognitive impairment in adults with multiple sclerosis. <b>2019</b> , 41, 715-722	9
710	Aging with multiple sclerosis: prevalence and profile of cognitive impairment. <b>2019</b> , 40, 1651-1657	24
709	Evaluation of a web-based fall prevention program among people with multiple sclerosis. <b>2019</b> , 31, 151-156	6
708	High dose of dexamethasone protects against EAE-induced motor deficits but impairs learning/memory in C57BL/6 mice. <b>2019</b> , 9, 6673	12
707	Enhanced GABAergic Immunoreactivity in Hippocampal Neurons and Astroglia of Multiple Sclerosis Patients. <b>2019</b> , 78, 480-491	11
706	Does cognitive dysfunction correlate with neurofilament light polypeptide levels in the CSF of patients with multiple sclerosis?. <b>2019</b> , 47, 2187-2198	11
705	Assessment and Impact of Cognitive Impairment in Multiple Sclerosis: An Overview. <b>2019</b> , 7,	37
704	Role of cerebral hypoperfusion in multiple sclerosis (ROCHIMS): study protocol for a proof-of-concept randomized controlled trial with bosentan. <b>2019</b> , 20, 164	7
703	Identifying risk factors for cognitive issues in multiple sclerosis. <b>2019</b> , 19, 333-347	17

702	Subjective cognitive concern in multiple sclerosis is associated with reduced thalamic and cortical gray matter volumes. <b>2019</b> , 5, 2055217319827618	7
701	Relationship of perceived stress and employment status in individuals with multiple sclerosis. <b>2019</b> , 62, 243-249	6
700	Brief and cost-effective tool for assessing verbal learning in multiple sclerosis: Comparison of the Rey Auditory Verbal Learning Test (RAVLT) to the California Verbal Learning Test - II (CVLT-II). <b>2019</b> , 400, 104-109	10
699	Impact of an adaptive program for cognitive and emotional deficits (ADACOG program) in multiple sclerosis patients with cognitive impairments. <b>2019</b> , 175, 305-312	1
698	Default Mode Network Structural Integrity and Cerebellar Connectivity Predict Information Processing Speed Deficit in Multiple Sclerosis. <b>2019</b> , 13, 21	8
697	Reaching an evidence-based prognosis for personalized treatment of multiple sclerosis. <b>2019</b> , 15, 287-300	79
696	Cognitive Impairment in Multiple Sclerosis With Regards to Disease Duration and Clinical Phenotypes. <b>2019</b> , 10, 261	65
695	D-KEFS ST Failure Identifies Multiple Sclerosis Patients With Worse Objective and Self-Perceived Physical and Cognitive Disability. <b>2019</b> , 10, 49	2
694	Body image in multiple sclerosis patients: a descriptive review. <b>2019</b> , 40, 923-928	9
693	Glial Contribution to Excitatory and Inhibitory Synapse Loss in Neurodegeneration. <b>2019</b> , 13, 63	44
692	Nrf2/ARE Pathway Modulation by Dietary Energy Regulation in Neurological Disorders. <b>2019</b> , 10, 33	40
691	Cognitive speed and white matter integrity in secondary progressive multiple sclerosis. <b>2019</b> , 30, 198-207	7
690	Neuropsychological Functions and Cognitive Neurorehabilitation in Multiple Sclerosis. <b>2019</b> ,	1
689	A local group differences test for subject-level multivariate density neuroimaging outcomes. <b>2021</b> , 22, 646-661	
688	The Intersection of Physical Function, Cognitive Performance, Aging, and Multiple Sclerosis: A Cross-sectional Comparative Study. <b>2019</b> , 32, 1-10	6
687	Palliative care interventions for people with multiple sclerosis. <b>2019</b> , 10, CD012936	3
686	Relapsing-Remitting Multiple Sclerosis Is Associated With Regional Brain Activity Deficits in Motor- and Cognitive-Related Brain Areas. <b>2019</b> , 10, 1136	6
685	A Neuropsychological Rehabilitation Program for Cognitive Impairment in Psychiatric and Neurological Conditions: A Review That Supports Its Efficacy. <b>2019</b> , 2019, 4647134	1

684	The Impact of Cognitive Dysfunction on Locomotor Rehabilitation Potential in Multiple Sclerosis. <b>2019</b> , 11, 1179573519884041	0
683	Lost in Classification: Lower Cognitive Functioning in Apparently Cognitive Normal Newly Diagnosed RRMS Patients. <b>2019</b> , 9,	9
682	Immunomodulatory and anti-inflammatory effects of probiotics in multiple sclerosis: a systematic review. <b>2019</b> , 16, 231	43
681	Functional Magnetic Resonance Imaging Correlations Between Fatigue and Cognitive Performance in Patients With Relapsing Remitting Multiple Sclerosis. <b>2019</b> , 10, 754	3
680	Changes in Cognitive Performance With Age in Adults With Multiple Sclerosis. <b>2019</b> , 32, 201-207	12
679	Second language learning induces grey matter volume increase in people with multiple sclerosis. <b>2019</b> , 14, e0226525	3
678	The effect of prioritization over cognitive-motor interference in people with relapsing-remitting multiple sclerosis and healthy controls. <b>2019</b> , 14, e0226775	7
677	Efficacy of the Spanish modified Story Memory Technique in Mexicans with multiple sclerosis: A pilot randomized controlled trial. <b>2019</b> , 45, 349-358	1
676	Structured Cognitive-Motor Dual Task Training Compared to Single Mobility Training in Persons with Multiple Sclerosis, a Multicenter RCT. <b>2019</b> , 8,	20
675	Early Postnatal Exposure to Isoflurane Disrupts Oligodendrocyte Development and Myelin Formation in the Mouse Hippocampus. <b>2019</b> , 131, 1077-1091	15
674	Glutamate-sensitive imaging and evaluation of cognitive impairment in multiple sclerosis. <b>2019</b> , 25, 1580-1592	15
673	Prevalence of subtypes of multiple sclerosis and the most common clinical symptoms in Iranian patients: A meta-analysis. <b>2019</b> , 10, 33-40	5
672	Effects of 4-aminopyridine on attention and executive functions of patients with multiple sclerosis: Randomized, double-blind, placebo-controlled clinical trial. Preliminary report. <b>2019</b> , 28, 117-124	7
671	Depression and Neurocognitive Function in Chronic Kidney Disease. <b>2019</b> , 237-249.e6	1
670	Metacognition and self-awareness in Multiple Sclerosis. <b>2019</b> , 111, 238-255	13
669	Resting-state MEG measurement of functional activation as a biomarker for cognitive decline in MS. <b>2019</b> , 25, 1896-1906	11
668	Cuprizone-induced demyelination in the mouse hippocampus is alleviated by phytoestrogen genistein. <b>2019</b> , 363, 98-110	10
667	Predicting clinical progression in multiple sclerosis after 6 and 12 years. <b>2019</b> , 26, 893-902	24

666	Characterization of inhibitory failure in Multiple Sclerosis: Evidence of impaired conflict resolution. <b>2019</b> , 41, 320-329	3
665	Diabetes and anxiety adversely affect cognition in multiple sclerosis. <b>2019</b> , 27, 164-170	20
664	Current Perspectives and Mechanisms of Relationship between Intestinal Microbiota Dysfunction and Dementia: A Review. <b>2018</b> , 8, 360-381	8
663	Coexistence of Multiple Sclerosis and Alzheimer's disease: A review. <b>2019</b> , 27, 232-238	15
662	A Controlled Clinical Trial on the Effects of Exercise on Cognition and Mobility in Adults With Multiple Sclerosis. <b>2019</b> , 98, 97-102	9
661	A QTL on chromosome 3q23 influences processing speed in humans. <b>2019</b> , 18, e12530	0
660	Novel prognostic predictor of brain atrophy in multiple sclerosis. <b>2019</b> , 90, 3	
659	Learning ability correlates with brain atrophy and disability progression in RRMS. <b>2019</b> , 90, 38-43	11
658	Assessment and management of cognitive problems in people with multiple sclerosis: A National Survey of Clinical Practice. <b>2018</b> , 73, e13300	7
657	Brain tissue volumes and relaxation rates in multiple sclerosis: implications for cognitive impairment. <b>2019</b> , 266, 361-368	6
656	Multiple Sclerosis. <b>2019</b> , 221-251	2
655	Brain mapping in multiple sclerosis: Lessons learned about the human brain. <b>2019</b> , 190, 32-45	33
654	Graph Theoretical Framework of Brain Networks in Multiple Sclerosis: A Review of Concepts. <b>2019</b> , 403, 35-53	65
653	Hippocampal-related memory network in multiple sclerosis: A structural connectivity analysis. <b>2019</b> , 25, 801-810	11
652	Comparing the Open Trial - Selective Reminding Test results with the California Learning Verbal Test II in multiple sclerosis. <b>2019</b> , 26, 488-496	4
651	Poor Encoding and Weak Early Consolidation Underlie Memory Acquisition Deficits in Multiple Sclerosis: Retroactive Interference, Processing Speed, or Working Memory?. <b>2019</b> , 34, 162-182	11
650	The effect of self-assessed fatigue and subjective cognitive impairment on work capacity: The case of multiple sclerosis. <b>2019</b> , 25, 740-749	26
649	Daily Temporal Associations Between Physical Activity and Symptoms in Multiple Sclerosis. <b>2019</b> , 53, 98-108	7

648	Gray matter networks and cognitive impairment in multiple sclerosis. <b>2019</b> , 25, 382-391	21
647	Effects of cognitive impairment on prosodic parameters of speech production planning in multiple sclerosis. <b>2019</b> , 13, 22-45	9
646	Effectiveness of cognitive rehabilitation for people with multiple sclerosis: a meta-synthesis of patient perspectives. <b>2019</b> , 29, 491-512	17
645	Cognitive assessment in patients with multiple sclerosis: From neuropsychological batteries to ecological tools. <b>2020</b> , 63, 154-158	16
644	Validation of the Attention, Memory, and Frontal Abilities Screening Test (AMFAST). <b>2020</b> , 27, 1502-1514	0
643	Evaluating the effectiveness of cognitive rehabilitation on everyday memory in multiple sclerosis patients. <b>2020</b> , 30, 1013-1023	2
642	Brain activity pattern changes after adaptive working memory training in multiple sclerosis. <b>2020</b> , 14, 142-154	10
641	The efficacy of the modified Story Memory Technique in progressive MS. <b>2020</b> , 26, 354-362	11
640	A clinical screening tool for objective and subjective cognitive disorders in multiple sclerosis. <b>2020</b> , 63, 116-122	1
639	Relationship between social cognition and fatigue, depressive symptoms, and anxiety in multiple sclerosis. <b>2020</b> , 14, 213-225	13
638	Will behavioral treatments for cognitive impairment in multiple sclerosis become standards-of-care?. <b>2020</b> , 154, 67-79	10
637	The weekly calendar planning activity in multiple sclerosis: A top-down assessment of executive functions. <b>2020</b> , 30, 1372-1387	4
636	The effects of cognitive-focused interventions on cognition and psychological well-being in persons with multiple sclerosis: A meta-analysis. <b>2020</b> , 30, 767-786	8
635	Anomia in people with rapidly evolving severe relapsing-remitting multiple sclerosis: both word retrieval inaccuracy and delay are common symptoms. <b>2020</b> , 34, 195-213	2
634	The relation between memory and decision-making in multiple sclerosis patients. <b>2020</b> , 37, 101433	1
633	CNS inflammatory demyelinating disorders: MS, NMOSD and MOG antibody associated disease. <b>2020</b> , 68, 321-330	17
632	Early detection of cognitive dysfunction in patients with multiple sclerosis: Implications on outcome. <b>2020</b> , 21, 208-216	0
631	Synaptic alterations and immune response are sexually dimorphic in a non-pertussis toxin model of experimental autoimmune encephalomyelitis. <b>2020</b> , 323, 113061	7

630	Brain activation patterns associated with paragraph learning in persons with multiple sclerosis: The MEMREHAB trial. <b>2020</b> , 154, 37-45	
629	False memories in relapsing remitting multiple sclerosis patients: A preliminary investigation with the DRM paradigm. <b>2020</b> , 37, 101418	
628	Reduced arterial compliance along the cerebrovascular tree predicts cognitive slowing in multiple sclerosis: Evidence for a neurovascular uncoupling hypothesis. <b>2020</b> , 26, 1486-1496	10
627	Autobiographical memory and future thinking impairments in multiple sclerosis: Cognitive and neural mechanisms, functional impact and rehabilitation. <b>2020</b> , 63, 159-166	2
626	Changes in temporal features of speech in secondary progressive multiple sclerosis (SPMS) - case studies. <b>2020</b> , 34, 339-356	3
625	Impairments of humour comprehension in multiple sclerosis. <b>2019</b> , 39, 101443	1
624	Reduced neurite density in the brain and cervical spinal cord in relapsing-remitting multiple sclerosis: A NODDI study. <b>2020</b> , 26, 1647-1657	24
623	Anxiety in multiple sclerosis is related to depressive symptoms and cognitive complaints. <b>2020</b> , 141, 212-218	10
622	Multiple Sclerosis. <b>2020</b> , 757-764	
621	Hippocampal Neurogenesis and Neural Circuit Formation in a Cuprizone-Induced Multiple Sclerosis Mouse Model. <b>2020</b> , 40, 447-458	14
620	The rate of neuropsychological assessments in multiple sclerosis has increased-A retrospective study in a Finnish Central Hospital. <b>2020</b> , 141, 156-161	2
619	Do patients with multiple sclerosis benefit from semi-immersive virtual reality? A randomized clinical trial on cognitive and motor outcomes. <b>2020</b> , 1-7	11
618	Do Secondary Progressive Multiple Sclerosis patients benefit from Computer- based cognitive neurorehabilitation? A randomized sham controlled trial. <b>2020</b> , 39, 101932	10
617	Can semantic fluency be used as an alternative or additional measure in the abbreviated Minimal Assessment of Cognitive Function in Multiple Sclerosis (aMACFIMS)? <b>2020</b> , 410, 116640	6
616	Long-range connections are more severely damaged and relevant for cognition in multiple sclerosis. <b>2020</b> , 143, 150-160	22
615	Cognitive performance and cognitive workload in multiple sclerosis: Two different constructs of cognitive functioning?. <b>2020</b> , 38, 101505	2
614	Phase-synchrony evaluation of EEG signals for Multiple Sclerosis diagnosis based on bivariate empirical mode decomposition during a visual task. <b>2020</b> , 117, 103596	9
613	Amyloid PET findings in multiple sclerosis are associated with cognitive decline at 18 months. <b>2020</b> , 39, 101926	12

612	Working With Clients With Multiple Sclerosis. <b>2020</b> , 46, 5-12	1
611	The Relationship Between Multiple Sclerosis Symptom Severity Measures and Performance on Driving Variability Metrics in a Virtual Reality Simulator. <b>2020</b> , 99, 278-284	1
610	Assessing apathy in multiple sclerosis: Validation of the dimensional apathy scale and comparison with apathy evaluation scale. <b>2020</b> , 38, 101870	6
609	Executive functioning affects verbal learning process in multiple sclerosis patients: Behavioural and imaging results. <b>2020</b> , 14, 384-398	3
608	Myelin Damage in Normal Appearing White Matter Contributes to Impaired Cognitive Processing Speed in Multiple Sclerosis. <b>2020</b> , 30, 205-211	9
607	On the validity of single tests, two-test combinations and the full Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in detecting patients with cognitive impairment. <b>2020</b> , 26, 1919-1928	7
606	Introducing Multiple Screener: An unsupervised digital screening tool for cognitive deficits in MS. <b>2020</b> , 38, 101479	3
605	Cognitive processing speed deficits in multiple sclerosis: Dissociating sensorial and motor processing changes from cognitive processing speed. <b>2020</b> , 38, 101522	3
604	Nursing interventions in autologous stem cell transplantation for autoimmune diseases. <b>2020</b> , 76, 3473-3482	
603	Efficacy of non-invasive brain stimulation on cognitive functioning in brain disorders: a meta-analysis. <b>2020</b> , 50, 2465-2486	26
602	Research on Cognition Disorders. <b>2020</b> ,	
601	Air Pollution-Related Brain Metal Dyshomeostasis as a Potential Risk Factor for Neurodevelopmental Disorders and Neurodegenerative Diseases. <b>2020</b> , 11, 1098	2
600	Association between TNFA, IL10 and IL18 promoter gene variants and cognitive functions in patients with relapsing-remitting multiple sclerosis. <b>2020</b> , 347, 577357	0
599	The weak association between neurofilament levels at multiple sclerosis onset and cognitive performance after 9 years. <b>2020</b> , 46, 102534	5
598	Focus on neglected features of cognitive rehabilitation in MS: Setting and mode of the treatment. <b>2020</b> , 1352458520966300	1
597	Cognitive Rehabilitation and Neuroimaging. <b>2020</b> ,	1
596	The relationship between cognition, depression, fatigue, and disability in patients with multiple sclerosis. <b>2021</b> , 190, 1129-1136	6
595	Montreal cognitive assessment for evaluating cognitive impairment in multiple sclerosis: a systematic review. <b>2020</b> , 120, 1307-1321	5

594	Influence of the environment on cognitive-motor interaction during walking in people living with and without multiple sclerosis. <b>2020</b> , 82, 20-25	3
593	The experience and meaning of aging with multiple sclerosis: An existential phenomenological approach. <b>2020</b> , 54, 100872	5
592	Efficacy of high-intensity aerobic exercise on cognitive performance in people with multiple sclerosis: A randomized controlled trial. <b>2021</b> , 27, 1585-1596	10
591	Visual-Attentional Load Unveils Slowed Processing Speed in Multiple Sclerosis Patients: A Pilot Study with a Tablet-Based Videogame. <b>2020</b> , 10,	3
590	Lipid profile: causal relationship on cognitive performance in multiple sclerosis?. <b>2020</b> , 47, 9667-9676	4
589	Impact of Cognitive Reserve and Structural Connectivity on Cognitive Performance in Multiple Sclerosis. <b>2020</b> , 11, 581700	3
588	Evolving relationship between respiratory functions & impairment in sleep and cognition in patients with multiple sclerosis. <b>2020</b> , 46, 102514	2
587	The effects of aging and disease duration on cognition in multiple sclerosis. <b>2020</b> , 146, 105650	4
586	Combined exercise training improves cognitive functions in multiple sclerosis patients with cognitive impairment: A single-blinded randomized controlled trial. <b>2020</b> , 45, 102419	14
585	Protective Effects of Pituitary Adenylate Cyclase-Activating Polypeptide and Vasoactive Intestinal Peptide Against Cognitive Decline in Neurodegenerative Diseases. <b>2020</b> , 14, 221	19
584	Valid or not: A critique of Graver and Green. <b>2020</b> , 1-4	4
583	The clinical correlates of participation levels in people with multiple sclerosis. <b>2020</b> , 47, 153-160	1
582	Normative values of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in an Arab population: Corrected for age, sex and education. <b>2020</b> , 44, 102305	
581	Backward walking sensitively detects fallers in persons with multiple sclerosis. <b>2020</b> , 45, 102390	5
580	Cortical projection neurons as a therapeutic target in multiple sclerosis. <b>2020</b> , 24, 1211-1224	0
579	Perceived and objective cognitive impairment in newly diagnosed versus established multiple sclerosis: impact of disease duration. <b>2021</b> , 190, 1149-1154	1
578	Signal alterations of glutamate-weighted chemical exchange saturation transfer MRI in lysophosphatidylcholine-induced demyelination in the rat brain. <b>2020</b> , 164, 334-338	2
577	A two-year longitudinal follow-up of cognitive performance assessed by BICAMS in newly diagnosed patients with MS. <b>2020</b> , 46, 102577	2



576	Beyond Alzheimer's disease: Can bilingualism be a more generalized protective factor in neurodegeneration?. <b>2020</b> , 147, 107593	7
575	Voluntary wheel running stimulates the expression of Nrf-2 and interleukin-10 but suppresses interleukin-17 in experimental autoimmune encephalomyelitis. <b>2020</b> , 738, 135382	2
574	Investigating the Unique Predictors of Word-Problem Solving Using Meta-Analytic Structural Equation Modeling. <b>2020</b> , 33, 1097	4
573	The Agony of Choice? Preserved Affective Decision Making in Early Multiple Sclerosis. <b>2020</b> , 11, 914	1
572	A multi-modal virtual reality treadmill intervention for enhancing mobility and cognitive function in people with multiple sclerosis: Protocol for a randomized controlled trial. <b>2020</b> , 97, 106122	6
571	Changes of central noradrenaline transporter availability in immunotherapy-naïve multiple sclerosis patients. <b>2020</b> , 10, 14651	2
570	Distributed causality in resting-state network connectivity in the acute and remitting phases of RRMS. <b>2020</b> , 21, 37	2
569	Evaluating the relationship between working memory and information processing speed in multiple sclerosis. <b>2020</b> , 1-8	1
568	CD8+ T Cell-Mediated Mechanisms Contribute to the Progression of Neurocognitive Impairment in Both Multiple Sclerosis and Alzheimer's Disease?. <b>2020</b> , 11, 566225	8
567	Non-invasive Brain and Spinal Stimulation for Pain and Related Symptoms in Multiple Sclerosis: A Systematic Review. <b>2020</b> , 14, 547069	4
566	Functional brain network organization measured with magnetoencephalography predicts cognitive decline in multiple sclerosis. <b>2021</b> , 27, 1727-1737	6
565	Rehabilitation Before and After Autologous Haematopoietic Stem Cell Transplantation (AHSCT) for Patients With Multiple Sclerosis (MS): Consensus Guidelines and Recommendations for Best Clinical Practice on Behalf of the Autoimmune Diseases Working Party, Nurses Group, and Patient Advocacy Committee of the European Society for Blood and Marrow Transplantation (EBMT) <b>2020</b>	3
564	Spatial constraints and cognitive fatigue affect motor imagery of walking in people with multiple sclerosis. <b>2020</b> , 10, 21938	1
563	Speech Discrimination Tasks: A Sensitive Sensory and Cognitive Measure in Early and Mild Multiple Sclerosis. <b>2020</b> , 14, 604991	1
562	Altered phase and nonphase EEG activity expose impaired maintenance of a spatial-object attentional focus in multiple sclerosis patients. <b>2020</b> , 10, 20721	0
561	On the Reliability of Examining Dual-Tasking Abilities Using a Novel E-Health Device-A Proof of Concept Study in Multiple Sclerosis. <b>2020</b> , 9,	1
560	Associations Between Findings From Myelin Water Imaging and Cognitive Performance Among Individuals With Multiple Sclerosis. <b>2020</b> , 3, e2014220	5
559	Peak width of skeletonized mean diffusivity (PSMD) and cognitive functions in relapsing-remitting multiple sclerosis. <b>2021</b> , 15, 2228-2233	3

558	Diffusion basis spectrum imaging provides insights into MS pathology. <b>2020</b> , 7,	13
557	Cognitive Efficacy of Pharmacologic Treatments in Multiple Sclerosis: A Systematic Review. <b>2020</b> , 34, 599-628	12
556	A new look at an old test: Normative data of the symbol digit modalities test -Oral version. <b>2020</b> , 43, 102154	5
555	Effect of task-oriented circuit training on motor and cognitive performance in patients with multiple sclerosis: A single-blinded randomized controlled trial. <b>2020</b> , 46, 343-353	4
554	Treatment and management of cognitive dysfunction in patients with multiple sclerosis. <b>2020</b> , 16, 319-332	46
553	The Cambridge Neuropsychological Test Automated Battery (CANTAB) Versus the Minimal Assessment of Cognitive Function in Multiple Sclerosis (MACFIMS) for the Assessment of Cognitive Function in Patients with Multiple Sclerosis. <b>2020</b> , 43, 102172	6
552	Imaging Mechanisms of Disease Progression in Multiple Sclerosis: Beyond Brain Atrophy. <b>2020</b> , 30, 251-266	14
551	Exercise training and cognitive performance in persons with multiple sclerosis: A systematic review and multilevel meta-analysis of clinical trials. <b>2021</b> , 27, 1977-1993	19
550	Memory Impairment in Relapsing-Remitting Multiple Sclerosis Using a Challenging Semantic Interference Task. <b>2020</b> , 11, 309	3
549	Retinal thickness as a potential biomarker of neurodegeneration and a predictor of early cognitive impairment in patients with multiple sclerosis. <b>2020</b> , 42, 564-574	2
548	A case report revealing acute onset psychosis and cognitive impairment as primary manifestation in relapsing-remitting multiple sclerosis. <b>2020</b> , 8, 833-836	
547	Functional representation of the symbol digit modalities test in relapsing remitting multiple sclerosis. <b>2020</b> , 43, 102159	1
546	Neuropsychological assessments and psychotherapeutic services in Veterans with multiple sclerosis: Rates of utilization and their associations with socio-demographics and clinical characteristics using Veterans Health Administration-based data. <b>2020</b> , 43, 102220	2
545	Autoinjector device for rapid administration of drugs and antidotes in emergency situations and in mass casualty management. <b>2020</b> , 48, 300060520926019	6
544	Effect of cognitive rehabilitation on neuropsychological and semiecolological testing and on daily cognitive functioning in multiple sclerosis: The REACTIV randomized controlled study. <b>2020</b> , 415, 116929	3
543	Detecting Subtle Cognitive Impairment in Multiple Sclerosis with the Montreal Cognitive Assessment. <b>2020</b> , 47, 620-626	5
542	Not so fast! Limitations of processing speed and working memory indices as embedded performance validity tests in a mixed neuropsychiatric sample. <b>2020</b> , 42, 473-484	25
541	Retrieval Practice in Memory- and Language-Impaired Populations: A Systematic Review. <b>2020</b> ,	4

540	Frontoparietal connectivity correlates with working memory performance in multiple sclerosis. <b>2020</b> , 10, 9310	7
539	An Overground Robotic Gait Training Program for People With Multiple Sclerosis: A Protocol for a Randomized Clinical Trial. <b>2020</b> , 7, 238	4
538	Both Stationary and Dynamic Functional Interhemispheric Connectivity Are Strongly Associated With Performance on Cognitive Tests in Multiple Sclerosis. <b>2020</b> , 11, 407	2
537	Exercise and Multiple Sclerosis. <b>2020</b> , 857-871	1
536	The Effects of Cognitive Training on Brain Network Activity and Connectivity in Aging and Neurodegenerative Diseases: a Systematic Review. <b>2020</b> , 30, 267-286	19
535	Evaluating the feasibility and preliminary efficacy of a Cognitive Occupation-Based programme for people with Multiple Sclerosis (COB-MS): protocol for a feasibility cluster-randomised controlled trial. <b>2020</b> , 21, 269	6
534	The role of myelin damage in Alzheimer's disease pathology. <b>2020</b> , 16, 345-351	31
533	Device-Measured Physical Activity and Cognitive Processing Speed Impairment in a Large Sample of Persons with Multiple Sclerosis. <b>2020</b> , 26, 798-805	3
532	Working Memory, Processing Speed, and Memory Functioning Are Minimally Predictive of Victoria Symptom Validity Test Performance. <b>2021</b> , 28, 1614-1623	6
531	Cognitive Impairment and Brain Reorganization in MS: Underlying Mechanisms and the Role of Neurorehabilitation. <b>2020</b> , 11, 147	10
530	Predictors of Nabiximols (Sativex) discontinuation over long-term follow-up: a real-life study. <b>2020</b> , 267, 1737-1743	6
529	Mobile Brain/Body Imaging of cognitive-motor impairment in multiple sclerosis: Deriving EEG-based neuro-markers during a dual-task walking study. <b>2020</b> , 131, 1119-1128	5
528	The MSReactor computerized cognitive battery correlates with the processing speed test in relapsing-remitting multiple sclerosis. <b>2020</b> , 43, 102212	
527	Distinct Functional Connectivity Signatures of Impaired Social Cognition in Multiple Sclerosis. <b>2020</b> , 11, 507	12
526	Simplified indices of exercise tolerance in patients with multiple sclerosis and healthy subjects: A case-control study. <b>2020</b> , 30, 1908-1917	
525	Is Obesity Related to Processing Speed Impairment in Patients with Multiple Sclerosis: Results of a Large-Scale, Multicenter Study. <b>2020</b> , 35, 506-510	2
524	Baseline cerebral metabolism predicts fatigue and cognition in Multiple Sclerosis patients. <b>2020</b> , 27, 102281	3
523	Development, psychometric properties, and pilot norms of the first Arabic indigenous memory test: The Verbal Memory Arabic Test (VMAT). <b>2020</b> , 42, 505-515	4

522	Unsuspected Alzheimer disease in a patient with Multiple sclerosis and progressive aphasia. <b>2020</b> , 45, 102349	
521	N-acetyl Cysteine Administration Is Associated With Increased Cerebral Glucose Metabolism in Patients With Multiple Sclerosis: An Exploratory Study. <b>2020</b> , 11, 88	9
520	Characterizing cognitive deficits and potential predictors in multiple sclerosis: A large nationwide study applying Brief International Cognitive Assessment for Multiple Sclerosis in standard clinical care. <b>2020</b> , 14, 347-369	7
519	Identification of a predominant cognitive phenotype in patients with multiple sclerosis. <b>2020</b> , 27, 1083-1088	4
518	Pilates for rehabilitation in patients with multiple sclerosis: A systematic review of effects on cognition, health-related physical fitness, general symptoms and quality of life. <b>2020</b> , 24, 26-36	4
517	Enhanced cognitive performance in experimental autoimmune encephalomyelitis mice treated with dimethyl fumarate after the appearance of disease symptoms. <b>2020</b> , 340, 577163	3
516	The therapeutic effect of treatment with RehaCom software on verbal performance in patients with multiple sclerosis. <b>2020</b> , 72, 93-97	4
515	Relationship between sensory processing patterns, trait anxiety, and health-related quality of life in multiple sclerosis. <b>2021</b> , 26, 2106-2117	2
514	The minimal neuropsychological assessment of MS patients (MACFIMS): normative data of the Italian population. <b>2020</b> , 41, 1489-1496	2
513	Cognitive decline may not be adequately captured in economic evaluations of multiple sclerosis: are new treatments being undervalued?. <b>2020</b> , 36, 609-611	3
512	Reversible Loss of Hippocampal Function in a Mouse Model of Demyelination/Remyelination. <b>2019</b> , 13, 588	4
511	Cognitive functions in pediatric multiple sclerosis: 2-years follow-up. <b>2020</b> , 42, 159-163	2
510	Video-oculography in multiple sclerosis: Links between oculomotor disorders and brain magnetic resonance imaging (MRI). <b>2020</b> , 40, 101969	2
509	Performance Validity Testing in Multiple Sclerosis. <b>2020</b> , 26, 1028-1035	11
508	The immediate effect of stroboscopic visual training on information-processing time in people with multiple sclerosis: an exploratory study. <b>2020</b> , 127, 1125-1131	2
507	Comparison of BICAMS and ARCS for assessment of cognition in multiple sclerosis and predictive value of employment status. <b>2020</b> , 41, 102037	2
506	The neurovascular basis of processing speed differences in humans: A model-systems approach using multiple sclerosis. <b>2020</b> , 215, 116812	2
505	Contribution of cortical lesions to cognitive impairment in Japanese patients with multiple sclerosis. <b>2020</b> , 10, 5228	1

504	Cognitive processing speed in multiple sclerosis clinical practice: association with patient-reported outcomes, employment and magnetic resonance imaging metrics. <b>2020</b> , 27, 1238-1249	11
503	Early putamen hypertrophy and ongoing hippocampus atrophy predict cognitive performance in the first ten years of relapsing-remitting multiple sclerosis. <b>2020</b> , 41, 2893-2904	5
502	Cognitive impairment in early MS: contribution of white matter lesions, deep grey matter atrophy, and cortical atrophy. <b>2020</b> , 267, 2307-2318	6
501	Quality of life in patients with multiple sclerosis and caregivers. Predictive factors: An observational study. <b>2020</b> , 78, 242-245	3
500	Piperine ameliorated memory impairment and myelin damage in lysolecethin induced hippocampal demyelination. <b>2020</b> , 253, 117671	8
499	The relationship between executive functions and fluid intelligence in multiple sclerosis. <b>2020</b> , 15, e0231868	5
498	Longitudinal serum neurofilament light chain (sNFL) concentration relates to cognitive function in multiple sclerosis patients. <b>2020</b> , 267, 2245-2251	7
497	Validation of the Neuronorma battery for neuropsychological assessment in multiple sclerosis. <b>2020</b> , 42, 102070	7
496	Validation of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) in a Colombian Population. <b>2020</b> , 42, 102072	4
495	The Broad Concept of "Spasticity-Plus Syndrome" in Multiple Sclerosis: A Possible New Concept in the Management of Multiple Sclerosis Symptoms. <b>2020</b> , 11, 152	4
494	Trajectories of Symbol Digit Modalities Test performance in individuals with multiple sclerosis. <b>2021</b> , 27, 593-602	4
493	Cognitive disturbances in the cuprizone model of multiple sclerosis. <b>2021</b> , 20, e12663	1
492	Alterations in functional connectivity are associated with white matter lesions and information processing efficiency in multiple sclerosis. <b>2021</b> , 15, 375-388	3
491	Psychiatric disorders in multiple sclerosis. <b>2021</b> , 268, 45-60	9
490	What (more) can verbal fluency tell us about multiple sclerosis?. <b>2021</b> , 64, 101394	2
489	Impact of obstructive sleep apnoea on cognitive function in multiple sclerosis: A longitudinal study. <b>2021</b> , 30, e13159	1
488	Rates, patterns, and correlates of fitness tracker use among older adults with multiple sclerosis. <b>2021</b> , 14, 100966	2
487	Developing a clinical pathway to identify and manage cognitive problems in Multiple Sclerosis: Qualitative findings from patients, family members, charity volunteers, clinicians and healthcare commissioners. <b>2021</b> , 49, 102563	2

486	Predicting Neuropsychological Impairment in Relapsing Remitting Multiple Sclerosis: The Role of Clinical Measures, Treatment, and Neuropsychiatry Symptoms. <b>2021</b> , 36, 475-484	0
485	Course of neuropsychological impairment during natalizumab-associated progressive multifocal leukoencephalopathy. <b>2021</b> , 28, 921-927	1
484	Dorsolateral prefrontal circuit effective connectivity mediates the relationship between white matter structure and PASAT-3 performance in multiple sclerosis. <b>2021</b> , 42, 495-509	1
483	Working memory training impacts neural activity during untrained cognitive tasks in people with multiple sclerosis. <b>2021</b> , 335, 113487	0
482	Regression-Based Norms for the Hopkins Verbal Learning Test-Revised and the Rey-Osterrieth Complex Figure in a Portuguese Adult Population. <b>2021</b> , 36, 587-596	2
481	The role of hippocampal theta oscillations in working memory impairment in multiple sclerosis. <b>2021</b> , 42, 1376-1390	3
480	Understanding the impact of cognitive impairment and disease severity on activities of daily living in MS patients with different disability levels. <b>2021</b> , 200, 106398	1
479	Serum Tumor Necrosis Factor-Alpha Levels Correlate with Cognitive Function Scales Scores in Multiple Sclerosis Patients. <b>2021</b> , 47, 102621	2
478	Speech discrimination impairments as a marker of disease severity in multiple sclerosis. <b>2021</b> , 47, 102608	3
477	Linking Cognitive Impairment to Neuroinflammation in Multiple Sclerosis using neuroimaging tools. <b>2021</b> , 47, 102622	1
476	Brain dysconnectivity relates to disability and cognitive impairment in multiple sclerosis. <b>2021</b> , 42, 626-643	12
475	Structural constraints of functional connectivity drive cognitive impairment in the early stages of multiple sclerosis. <b>2021</b> , 27, 559-567	5
474	Risk factors for falling for people with Multiple Sclerosis identified in a prospective cohort study. <b>2021</b> , 35, 765-774	1
473	Working memory training effects across the lifespan: Evidence from human and experimental animal studies. <b>2021</b> , 194, 111415	
472	Preventive neurology concepts for training the next-generation and closing gaps in real-world Multiple Sclerosis Care. <b>2021</b> , 47, 102631	2
471	Dual-Task Performance in Multiple Sclerosis' Patients: Cerebellum Matters?. <b>2021</b> , 36, 517-526	4
470	Multiple Sclerosis. <b>2021</b> , 983-1005.e5	
469	Multiple Sclerosis. <b>2021</b> , 353-376	

468	Alternative splicing of neurexins 1-3 is modulated by neuroinflammation in the prefrontal cortex of a murine model of multiple sclerosis. <b>2021</b> , 335, 113497	4
467	A Multidimensional Assessment of Metacognition Across Domains in Multiple Sclerosis. <b>2021</b> , 27, 124-135	1
466	Anterior Insular Resting-State Functional Connectivity is Related to Cognitive Reserve in Multiple Sclerosis. <b>2021</b> , 31, 98-102	4
465	Value of saccadic latency as a diagnostic tool for multiple sclerosis: a review and meta-analysis study. <b>2021</b> , 19, 73-79	
464	The role of sensory processing difficulties, cognitive impairment, and disease severity in predicting functional behavior among patients with multiple sclerosis. <b>2021</b> , 43, 1129-1136	5
463	Assessment of Cerebrovascular Dynamics and Cognitive Function with Acute Aerobic Exercise in Persons with Multiple Sclerosis. <b>2021</b> , 23, 162-169	
462	Performance of Regression-Based Norms for Cognitive Functioning of Persons With Multiple Sclerosis in an Independent Sample. <b>2020</b> , 11, 621010	2
461	Manual and automated tissue segmentation confirm the impact of thalamus atrophy on cognition in multiple sclerosis: A multicenter study. <b>2021</b> , 29, 102549	6
460	Prospective Memory Deficits in Multiple Sclerosis: Voxel-based Morphometry and Double Inversion Recovery Analysis. <b>2021</b> , 60, 39-46	1
459	Cognitive impairment in multiple sclerosis: lessons from cerebrospinal fluid biomarkers. <b>2021</b> , 16, 36-42	8
458	Gray Matter Morphometry Correlates with Attentional Efficiency in Young-Adult Multiple Sclerosis. <b>2021</b> , 11,	2
457	Doing it Wrong: A Systematic Review on Electrocortical and Behavioral Correlates of Error Monitoring in Patients with Neurological Disorders. <b>2021</b> ,	4
456	Experimental autoimmune encephalopathy (EAE)-induced hippocampal neuroinflammation and memory deficits are prevented with the non-opioid TLR2/TLR4 antagonist (+)-naltrexone. <b>2021</b> , 396, 112896	6
455	Brain atrophy and clinical characteristics predicting SDMT performance in multiple sclerosis: A 10-year follow-up study. <b>2021</b> , 7, 2055217321992394	1
454	The Expanded Disability Status Scale Score and Demographic Indexes Are Correlated with the Severity of Cognitive Impairment in Multiple Sclerosis Patients. <b>2021</b> , 17, 113-120	7
453	Complement-associated loss of CA2 inhibitory synapses in the demyelinated hippocampus impairs memory.	0
452	A comparison of clinical outcomes in PPMS in the INFORMS original trial data set. <b>2021</b> , 27, 1864-1874	2
451	CSF parvalbumin levels reflect interneuron loss linked with cortical pathology in multiple sclerosis. <b>2021</b> , 8, 534-547	4

450	Absence of B Cells in Brainstem and White Matter Lesions Associates With Less Severe Disease and Absence of Oligoclonal Bands in MS. <b>2021</b> , 8,	5
449	Increased brain atrophy and lesion load is associated with stronger lower alpha MEG power in multiple sclerosis patients. <b>2021</b> , 30, 102632	3
448	Neurocognitive impairment and social cognition in multiple sclerosis. <b>2021</b> , 1-16	2
447	[Clinical practicability of the cognitive screening battery BICAMS in patients with multiple sclerosis: results of the feasibility study in Germany]. <b>2021</b> , 92, 1031-1041	0
446	The Value of Self-Reported Cognitive Performance in low, medium and high EDSS.	
445	Memory in multiple sclerosis: A reappraisal using the item specific deficit approach. <b>2021</b> , 35, 207-219	1
444	An Interview-Based Assessment of the Experience of Cognitive Impairment in Multiple Sclerosis: The Cognitive Assessment Interview (CAI). <b>2021</b> , 12, 637895	0
443	Associations between cognitive and clinical disability across MS subtypes: The role of the underlying brain damage. <b>2021</b> , 48, 102701	
442	Altered cortical phase- and amplitude-coupling in Multiple Sclerosis.	
441	Identifying Early Neuropsychological Indicators of Cognitive Involvement in Multiple Sclerosis. <b>2021</b> , 17, 323-337	3
440	Perceived discrimination in patients with multiple sclerosis and depressive symptomatology. <b>2021</b> , 48, 102705	2
439	The Brief International Cognitive Assessment in Multiple Sclerosis (BICAMS): Validation in Arabic and Lebanese Normative Values. <b>2021</b> , 1-10	1
438	Multiple sclerosis in the COVID-19 era: Vocational rehabilitation strategies to meet the needs of a growing and immune-vulnerable clientele. <b>2021</b> , 54, 175-183	4
437	A pilot study of the impact of an exercise intervention on brain structure, cognition, and psychosocial symptoms in individuals with relapsing-remitting multiple sclerosis. <b>2021</b> , 7, 65	2
436	Microstructural White Matter Alterations in Cognitively Impaired Patients at Early Stages of Multiple Sclerosis. <b>2021</b> , 31, 993-1003	1
435	Cognitive impairment, the central vein sign, and paramagnetic rim lesions in RIS. <b>2021</b> , 27, 2199-2208	5
434	Neuronal hibernation following hippocampal demyelination. <b>2021</b> , 9, 34	3
433	Validity of the Italian multiple sclerosis neuropsychological screening questionnaire. <b>2021</b> , 42, 4583-4589	



432	Quantitative birefringence microscopy for imaging the structural integrity of CNS myelin following circumscribed cortical injury in the rhesus monkey. <b>2021</b> , 8, 015010	2
431	Employing connectome-based models to predict working memory in multiple sclerosis.	
430	Conjugated Linoleic Acid-Curcumin Attenuates Cognitive Deficits and Oxidative Stress Parameters in the Ethidium Bromide-Induced Model of Demyelination. <b>2021</b> , 39, 815-825	2
429	Effects of Menopause in Women With Multiple Sclerosis: An Evidence-Based Review. <b>2021</b> , 12, 554375	4
428	A Videogame-Based Approach to Measuring Information Processing Speed in Multiple Sclerosis Patients. <b>2021</b> , 10, 115-120	1
427	Early neuropsychological markers of cognitive involvement in multiple sclerosis. <b>2021</b> , 423, 117349	1
426	Cognitive impairment in multiple sclerosis: diagnosis and monitoring. <b>2021</b> , 42, 5183-5193	2
425	. <b>2021</b> ,	1
424	Magnetoencephalography and High-Density Electroencephalography Study of Acoustic Event Related Potentials in Early Stage of Multiple Sclerosis: A Pilot Study on Cognitive Impairment and Fatigue. <b>2021</b> , 11,	1
423	Does cognitive training improve attention/working memory in persons with MS? A pilot study using the Cogmed Working Memory Training program. <b>2021</b> , 49, 102770	0
422	Event-related potentials and deep grey matter atrophy in multiple sclerosis: Exploring the possible associations with cognition. <b>2021</b> , 49, 102785	2
421	Comprehensive Approach to Management of Multiple Sclerosis: Addressing Invisible Symptoms-A Narrative Review. <b>2021</b> , 10, 75-98	15
420	Cognitive Function and Whole-Brain MRI Metrics Are Not Associated with Mobility in Older Adults with Multiple Sclerosis. <b>2021</b> , 18,	2
419	A Scoping Review of Cognitive Training in Neurodegenerative Diseases via Computerized and Virtual Reality Tools: What We Know So Far. <b>2021</b> , 11,	6
418	Immersive virtual reality during gait rehabilitation increases walking speed and motivation: a usability evaluation with healthy participants and patients with multiple sclerosis and stroke. <b>2021</b> , 18, 68	17
417	Brief international cognitive assessment for multiple sclerosis (BICAMS) cut-off scores for detecting cognitive impairment in multiple sclerosis. <b>2021</b> , 49, 102751	1
416	Identifying the Distinct Cognitive Phenotypes in Multiple Sclerosis. <b>2021</b> , 78, 414-425	23
415	Cognitive Performance of Patients With Multiple Sclerosis and Optic Neuritis at Presentation. <b>2021</b> ,	

414	Nigella and Milk Thistle Seed Oils: Potential Cytoprotective Effects against 7β-Hydroxycholesterol-Induced Toxicity on SH-SY5Y Cells. <b>2021</b> , 11,	1
413	Neurological update: cognitive rehabilitation in multiple sclerosis. <b>2021</b> , 268, 4908-4914	2
412	Interplay Between Cognitive and Bowel/Bladder Function in Multiple Sclerosis. <b>2021</b> ,	0
411	Exercise training and cognition in multiple sclerosis: The GET Smart trial protocol. <b>2021</b> , 104, 106331	
410	Screening of Cognitive Impairment in Patients with Multiple Sclerosis: A Cross-Sectional Study in Georgia. <b>2021</b> , 2021, 5591078	1
409	Brain Volume and Perception of Cognitive Impairment in People With Multiple Sclerosis and Their Caregivers. <b>2021</b> , 12, 636463	0
408	Design and Evaluation of User-Centered Exergames for Patients With Multiple Sclerosis: Multilevel Usability and Feasibility Studies. <b>2021</b> , 9, e22826	4
407	Multiple sclerosis and aging: comorbidity and treatment challenges. <b>2021</b> , 50, 102815	5
406	Social cognition and executive functioning in multiple sclerosis: A cluster-analytic approach. <b>2021</b> ,	
405	Staging and stratifying cognitive dysfunction in multiple sclerosis. <b>2021</b> , 13524585211011390	2
404	The role of language ability in verbal fluency of individuals with multiple sclerosis. <b>2021</b> , 50, 102846	4
403	Predominant cognitive phenotypes in multiple sclerosis: Insights from patient-centered outcomes. <b>2021</b> , 51, 102919	4
402	Designing a Self-Perception Cognitive Questionnaire for Italian Multiple Sclerosis Patients (Sclerosi Multipla Autovalutazione Cognitiva, SMAC). A Preliminary Exploratory Pilot Study. <b>2021</b> , 12, 668933	0
401	Cognitive trajectories in multiple sclerosis: a long-term follow-up study. <b>2021</b> , 1	1
400	Effect of Exoskeleton-Assisted Rehabilitation Over Prefrontal Cortex in Multiple Sclerosis Patients: A Neuroimaging Pilot Study. <b>2021</b> , 34, 651-663	0
399	Cognitive measures used in adults with multiple sclerosis: A systematic review. <b>2021</b> , 1-18	1
398	Complement-associated loss of CA2 inhibitory synapses in the demyelinated hippocampus impairs memory. <b>2021</b> , 142, 643-667	4
397	A pilot randomized controlled trial of robotic exoskeleton-assisted exercise rehabilitation in multiple sclerosis. <b>2021</b> , 51, 102936	5

396	Pre-existing anxiety, depression, and neurological disability is associated with long COVID: A prospective and longitudinal cohort of the United Kingdom Multiple Sclerosis Register.	1
395	Impaired awareness: Why people with multiple sclerosis continue using cannabis despite evidence to the contrary. <b>2021</b> , 11, e2220	1
394	Neurodegeneration in Multiple Sclerosis: Symptoms of Silent Progression, Biomarkers and Neuroprotective Therapy-Kynurenines Are Important Players. <b>2021</b> , 26,	4
393	The application of principal component analysis to characterize gait and its association with falls in multiple sclerosis. <b>2021</b> , 11, 12811	2
392	Music-based therapy in rehabilitation of people with multiple sclerosis: a systematic review of clinical trials. <b>2021</b> , 79, 527-535	1
391	Cognitive rehabilitation program in patients with multiple sclerosis: A pilot study. <b>2021</b> ,	0
390	Performance validity in outpatients with multiple sclerosis and cognitive complaints. <b>2021</b> , 13524585211025780	
389	Impact of depression on mental fatigue and attention in patients with multiple sclerosis. <b>2021</b> , 5, 100143	2
388	Death Anxiety and Attitudes towards Death in Patients with Multiple Sclerosis: An Exploratory Study. <b>2021</b> , 11,	0
387	Peripheral blood B cell subset ratios and expression levels of B cell-associated genes are altered in benign multiple sclerosis. <b>2021</b> , 52, 103019	0
386	Structural and Functional Connectivity Substrates of Cognitive Impairment in Multiple Sclerosis. <b>2021</b> , 12, 671894	1
385	Neurocognitive performance in relapsing-remitting multiple sclerosis patients is associated with metabolic abnormalities of the thalamus but not the hippocampus- GABA-edited 1H MRS study. <b>2021</b> , 1-8	
384	Cognitive Decline in Multiple Sclerosis Is Related to the Progression of Retinal Atrophy and Presence of Oligoclonal Bands: A 5-Year Follow-Up Study. <b>2021</b> , 12, 678735	5
383	Benign multiple sclerosis, old age, and cognitive impairment: Is teriflunomide an appropriate treatment for this clinical triad?. <b>2021</b> , 1, 189-191	
382	A mixed-methods study of cognitive performance in persons with multiple sclerosis: Association between neuropsychological test performance and interviews about daily cognitive functioning. <b>2021</b> , 52, 102911	
381	N-acetyl cysteine administration affects cerebral blood flow as measured by arterial spin labeling MRI in patients with multiple sclerosis. <b>2021</b> , 7, e07615	1
380	Enhanced frontoparietal connectivity in multiple sclerosis patients and healthy controls in response to an intensive computerized training focused on working memory. <b>2021</b> , 52, 102976	1
379	How well do people living with neurodegenerative diseases manage their finances? A meta-analysis and systematic review on the capacity to make financial decisions in people living with neurodegenerative diseases. <b>2021</b> , 127, 709-739	6

378	Baseline characteristics and effects of fingolimod on cognitive performance in patients with relapsing-remitting multiple sclerosis. <b>2021</b> , 28, 4135-4145	0
377	"I need personal experiences or some sort of documentation": a qualitative study on where people with multiple sclerosis seek information on dietary and herbal supplements. <b>2021</b> , 21, 213	
376	Modern Technology in Multi-Shell Diffusion MRI Reveals Diffuse White Matter Changes in Young Adults With Relapsing-Remitting Multiple Sclerosis. <b>2021</b> , 15, 665017	1
375	Study protocol on advance care planning in multiple sclerosis (ConCure-SM): intervention construction and multicentre feasibility trial. <b>2021</b> , 11, e052012	0
374	Effects of transcranial direct current stimulation on cognitive dysfunction in multiple sclerosis. <b>2021</b> , 51, 319-328	0
373	Is there a relationship between fall status, cognition and cerebellar lobule volume in patients with multiple sclerosis?. <b>2021</b> , 1-11	
372	Exercise and Sports Science Australia (ESSA) position statement on exercise for people with mild to moderate multiple sclerosis. <b>2021</b> ,	1
371	Is computerized screening for processing speed impairment sufficient for identifying MS-related cognitive impairment in a clinical setting?. <b>2021</b> , 54, 103106	1
370	Behavior Change Techniques in Physical Activity Interventions for Multiple Sclerosis. <b>2021</b> , 102, 1788-1800	1
369	Signal Transducer and Activator of Transcription 3 Activation in Hippocampal Neural Stem Cells and Cognitive Deficits in Mice Following Short-term Cuprizone Exposure. <b>2021</b> , 472, 90-102	0
368	Assessment of cognitive functions in patients with multiple sclerosis. <b>2021</b> , 57,	2
367	The Effects of Intermittent Fasting on Brain and Cognitive Function. <b>2021</b> , 13,	5
366	The Role of Cognitive Impairment on Physical Therapy Attendance and Outcomes in Multiple Sclerosis. <b>2021</b> ,	1
365	Effects of walking exercise training on learning and memory and hippocampal neuroimaging outcomes in MS: A targeted, pilot randomized controlled trial. <b>2021</b> , 110, 106563	3
364	Beneficial effects of a nano formulation of pomegranate seed oil, GranaGard, on the cognitive function of multiple sclerosis patients. <b>2021</b> , 54, 103103	3
363	Cognitive and Central Vestibular Functions Correlate in People With Multiple Sclerosis. <b>2021</b> , 35, 1030-1038	1
362	Southwestern Assessment of Processing Speed (SWAPS): A new brief test with demographically-corrected norms in an ethnically and educationally diverse population. <b>2021</b> , 1-18	0
361	Five-year real-world data on fingolimod treatment's effects on cognitive function. <b>2021</b> , 54, 103089	1

360	Managing Cognitive Dysfunction in Multiple Sclerosis: A Snapshot of Changes in Screening, Assessment, and Treatment Practices. <b>2021</b> ,	1
359	Employing Connectome-Based Models to Predict Working Memory in Multiple Sclerosis. <b>2021</b> ,	2
358	Reliability and validity of the modified Walking and Remembering Test in persons with multiple sclerosis. <b>2021</b> , 44, 323-329	
357	Validating the walking while talking test to measure motor, cognitive, and dual-task performance in ambulatory individuals with multiple sclerosis. <b>2021</b> , 54, 103123	
356	Synaptic Dysfunction in Multiple Sclerosis: A Red Thread from Inflammation to Network Disconnection. <b>2021</b> , 22,	1
355	Self-reported Reasons for Changes in Performance of Everyday Activities During a 2-Year Multidisciplinary Multiple Sclerosis Rehabilitation. <b>2021</b> ,	
354	Evaluation of the effects of metformin as adenosine monophosphate-activated protein kinase activator on spatial learning and memory in a rat model of multiple sclerosis disease. <b>2021</b> , 141, 111932	
353	Brain age as a surrogate marker for information processing speed in multiple sclerosis.	1
352	Perspectives from the patient: A content analysis of communication changes, impact, and strategies to facilitate communication in multiple sclerosis. <b>2021</b> , 1-17	0
351	Valproic acid suppresses cuprizone-induced hippocampal demyelination and anxiety-like behavior by promoting cholesterol biosynthesis. <b>2021</b> , 158, 105489	0
350	Multiple sclerosis care units in Latin America: Consensus recommendations about its objectives and functioning implementation. <b>2021</b> , 429, 118072	2
349	Associations between clinical characteristics and dual task performance in Multiple Sclerosis depend on the cognitive and motor dual tasks used. <b>2021</b> , 56, 103230	1
348	Vision, attention, and driving. <b>2021</b> , 178, 337-360	0
347	Aproximaci3n al estudio del deterioro cognitivo en la esclerosis mltiple recurrente remitente. Un estudio en pr3ctica clnica habitual empleando el Symbol Digit Modalities Test y la resonancia magn3tica convencional. <b>2021</b> , 1, 27-32	1
346	Electrophysiological Measurements for Brain Network Characterization in Rodents. <b>2021</b> , 121-135	
345	Multiple Sclerosis. <b>2021</b> , 417-433	0
344	Clinically detectable structural abnormalities in pediatric-onset multiple sclerosis: A large-scale magnetic resonance imaging analysis. <b>2021</b> , 81, 200-208	0
343	Memory rehabilitation for people with multiple sclerosis. <b>2021</b> , 10, CD008754	3

342	Impact of Multiple Sclerosis on Daily Life. <b>2017</b> , 145-165	7
341	Psychiatric Disorders, Stress, and Their Treatment Among People with Multiple Sclerosis. <b>2011</b> , 311-334	4
340	Executive Dysfunction in Subcortical Diseases. <b>2019</b> , 143-153	2
339	Resting-State fMRI in Multiple Sclerosis. <b>2020</b> , 335-353	3
338	Neuroimaging and Rehabilitation in Multiple Sclerosis. <b>2020</b> , 117-138	1
337	Evaluation of Cognitive Control and Distraction Using Event-Related Potentials in Healthy Individuals and Patients with Multiple Sclerosis. <b>2016</b> , 165-176	3
336	Exercise and Multiple Sclerosis. <b>2020</b> , 1228, 333-343	12
335	Cortical Involvement in Multiple Sclerosis. <b>2017</b> , 243-273	1
334	Patients with Neurologic Conditions II. Movement Disorders, Multiple Sclerosis, and Other Neurologic Conditions. <b>2010</b> , 255-272	2
333	Inhibition of GABA A receptor improved spatial memory impairment in the local model of demyelination in rat hippocampus. <b>2018</b> , 336, 111-121	14
332	Effect of sildenafil on neuroinflammation and synaptic plasticity pathways in experimental autoimmune encephalomyelitis. <b>2020</b> , 85, 106581	3
331	Perceived and Objective Attentional Deficits in Multiple Sclerosis. <b>2015</b> , 26, 171-178	3
330	Neuropsychological Assessment in Multiple Sclerosis. <b>2017</b> , 28, 117-148	8
329	Cognition in older patients with multiple sclerosis compared to patients with amnesic mild cognitive impairment and healthy older adults. <b>2018</b> , 32, 654-663	5
328	Multiple sclerosis and bilingualism. <b>2021</b> , 11, 551-577	2
327	Sustained ErbB activation causes demyelination and hypomyelination by driving necroptosis of mature oligodendrocytes and apoptosis of oligodendrocyte precursor cells.	1
326	Short-term aerobic training does not improve memory functioning in relapsing remitting multiple sclerosis in a randomized controlled trial.	1
325	Frontoparietal connectivity correlates with working memory performance in multiple sclerosis.	1

324	Brain age estimation is a sensitive marker of processing speed in the early course of multiple sclerosis.	1
323	Peripherally derived FGF21 promotes remyelination in the central nervous system. <b>2017</b> , 127, 3496-3509	49
322	Early perfusion changes in multiple sclerosis patients as assessed by MRI using arterial spin labeling. <b>2019</b> , 8, 2058460119894214	4
321	Study protocol: improving cognition in people with progressive multiple sclerosis: a multi-arm, randomized, blinded, sham-controlled trial of cognitive rehabilitation and aerobic exercise (COGEx). <b>2020</b> , 20, 204	14
320	Disease-modifying treatments and cognition in relapsing-remitting multiple sclerosis: A meta-analysis. <b>2020</b> , 94, e2373-e2383	30
319	Influence of corpus callosum damage on cognition and physical disability in multiple sclerosis: a multimodal study. <b>2012</b> , 7, e37167	58
318	Relevance of brain lesion location to cognition in relapsing multiple sclerosis. <b>2012</b> , 7, e44826	61
317	Extra-hippocampal subcortical limbic involvement predicts episodic recall performance in multiple sclerosis. <b>2012</b> , 7, e44942	16
316	Relevance of quality of life assessment for multiple sclerosis patients with memory impairment. <b>2012</b> , 7, e50056	13
315	Disconnection mechanism and regional cortical atrophy contribute to impaired processing of facial expressions and theory of mind in multiple sclerosis: a structural MRI study. <b>2013</b> , 8, e82422	56
314	Work Participation and Executive Abilities in Patients with Relapsing-Remitting Multiple Sclerosis. <b>2015</b> , 10, e0129228	11
313	The clinico-radiological paradox of cognitive function and MRI burden of white matter lesions in people with multiple sclerosis: A systematic review and meta-analysis. <b>2017</b> , 12, e0177727	44
312	Microstructural analyses of the posterior cerebellar lobules in relapsing-onset multiple sclerosis and their implication in cognitive impairment. <b>2017</b> , 12, e0182479	9
311	New brain lesions with no impact on physical disability can impact cognition in early multiple sclerosis: A ten-year longitudinal study. <b>2017</b> , 12, e0184650	8
310	A realist review of advance care planning for people with multiple sclerosis and their families. <b>2020</b> , 15, e0240815	9
309	Stem Cell Therapy: A Promising Therapeutic Approach for Multiple Sclerosis. 85-108	3
308	Pharmacomodulation of microRNA Expression in Neurocognitive Diseases: Obstacles and Future Opportunities. <b>2017</b> , 15, 276-290	14
307	Pros and Cons of Medical Cannabis use by People with Chronic Brain Disorders. <b>2017</b> , 15, 800-814	21

306	Effects of Psychiatric Comorbidity in Immune-Mediated Inflammatory Disease: Protocol for a Prospective Study. <b>2018</b> , 7, e15	17
305	Feasibility study for remote assessment of cognitive function in multiple sclerosis. <b>2016</b> , 1, 10-18	10
304	Neuropsychiatric Symptoms of Multiple Sclerosis: State of the Art. <b>2019</b> , 16, 877-888	30
303	Group cognitive rehabilitation to reduce the psychological impact of multiple sclerosis on quality of life: the CRAMMS RCT. <b>2020</b> , 24, 1-182	5
302	Paraoxonase Role in Human Neurodegenerative Diseases. <b>2020</b> , 10,	7
301	Social Cognition Impairments in Patients with Multiple Sclerosis: Comparison with Grade of Disability. <b>2020</b> , 68, 94-98	5
300	Ependymal cells and multiple sclerosis: proposing a relationship. <b>2020</b> , 15, 263-264	5
299	Cognitive dysfunction in multiple sclerosis: Usually forgotten in the clinical assessment of MS patients. <b>2015</b> , 20, 533-4	9
298	Association between retinal nerve fiber layer thickness and magnetic resonance imaging findings and intelligence in patients with multiple sclerosis. <b>2015</b> , 4, 223	7
297	Effect of Donepezil on Cognitive Impairment, Quality of Life, and Depression in Multiple Sclerosis Patients: A Randomized Clinical Trial. <b>2020</b> , 11, 69	1
296	Factors That Moderate Activity Limitation and Participation Restriction in People With Multiple Sclerosis. <b>2015</b> , 69, 6902260020p1-9	25
295	Expanding the Occupational Therapy Role to Support Transitions From Work to Retirement for People With Progressive Health Conditions. <b>2018</b> , 72, 7206347010p1-7206347010p5	1
294	Cognitive Impairment in Multiple Sclerosis: Historical Aspects, Current Status, and Beyond. <b>2015</b> , 52, S12-S15	2
293	The Effects of Cognitive Rehabilitation on Relapsing Remitting Multiple Sclerosis Patients. <b>2015</b> , 52, 174-179	4
292	Spatial distribution of white matter degenerative lesions and cognitive dysfunction in relapsing-remitting multiple sclerosis patients. <b>2019</b> , 53, 18-25	3
291	Changes in Fatigue and Cognition in Patients with Relapsing Forms of Multiple Sclerosis Treated with Natalizumab: The ENER-G Study. <b>2013</b> , 15, 120-8	31
290	Development and effectiveness of a psychoeducational wellness program for people with multiple sclerosis: description and outcomes. <b>2015</b> , 17, 1-8	16
289	The Perceived Deficits Questionnaire: Perception, Deficit, or Distress?. <b>2016</b> , 18, 183-90	27



288	Effect of Mindfulness Meditation on Personality and Psychological Well-being in Patients with Multiple Sclerosis. <b>2018</b> , 20, 101-108	20
287	Effect of Cognitive Demand on Functional Mobility in Ambulatory Individuals with Multiple Sclerosis. <b>2017</b> , 19, 217-224	9
286	Aerobic Fitness and Instrumental Activities of Daily Living in People with Multiple Sclerosis: A Cross-sectional Study. <b>2019</b> , 21, 23-28	2
285	Research-to-Practice Gaps in Multiple Sclerosis Care for Patients with Subjective Cognitive, Mental Health, and Psychosocial Concerns in a Canadian Center. <b>2019</b> , 21, 243-248	3
284	Cognitive Behavioral Therapy for the Management of Multiple Sclerosis-Related Pain: A Randomized Clinical Trial. <b>2020</b> , 22, 8-14	13
283	Changes in Activity Participation After Multiple Sclerosis Diagnosis. <b>2020</b> , 22, 23-30	4
282	iCAMS: Assessing the Reliability of a Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) Tablet Application. <b>2020</b> , 22, 67-74	3
281	Differences in topological progression profile among neurodegenerative diseases from imaging data. <b>2019</b> , 8,	8
280	Motor sequence learning in a goal-directed stepping task in persons with multiple sclerosis: a pilot study. <b>2021</b> ,	0
279	A systematic review of the effects of cannabis on cognition in people with multiple sclerosis.. <b>2022</b> , 57, 103338	2
278	The Role of Nutritional Lifestyle and Physical Activity in Multiple Sclerosis Pathogenesis and Management: A Narrative Review. <b>2021</b> , 13,	3
277	[Multiple sclerosis and daily care]. <b>2021</b> , 70, 38-40	0
276	Cerebellar Contributions to Motor Impairments in People with Multiple Sclerosis. <b>2021</b> , 1	0
275	Video game therapy on mobility and dual tasking in multiple sclerosis: study protocol for a randomised controlled trial. <b>2021</b> , 11, e052005	
274	Brief International Cognitive Assessment for Multiple Sclerosis scores are associated with the cortical thickness of specific cortical areas in relapsing-remitting patients. <b>2021</b> ,	0
273	Mast Cells as Important Regulators in Autoimmunity and Cancer Development. <b>2021</b> , 9, 752350	3
272	Significance of the Diagnosis of Executive Functions in Patients with Relapsing-Remitting Multiple Sclerosis. <b>2021</b> , 18,	1
271	Complement C3 mediates early hippocampal neurodegeneration and memory impairment in experimental multiple sclerosis. <b>2021</b> , 160, 105533	2

- 270 Sex-specific disruption in corticospinal excitability and hemispheric (a)symmetry in multiple sclerosis. **2021**, 1773, 147687 1
- 269 The neural underpinnings of motor learning in people with neurodegenerative diseases: A scoping review. **2021**, 131, 882-898 0
- 268 TRPM2 contributes to neuroinflammation and cognitive deficits in a cuprizone-induced multiple sclerosis model via NLRP3 inflammasome. **2021**, 160, 105534 3
- 267 Neuroimaging and Cognitive Function in Multiple Sclerosis. **2011**, 355-367
- 266 Encyclopedia of Clinical Neuropsychology. **2011**, 2223-2227
- 265 Encyclopedia of Clinical Neuropsychology. **2011**, 1680-1684
- 264 Encyclopedia of Clinical Neuropsychology. **2011**, 2021-2025
- 263 I deficit cognitivo nella sclerosi multipla. **2011**, 123-144
- 262 Encyclopedia of Clinical Neuropsychology. **2011**, 2145-2149
- 261 Multiple Sklerose und andere autoimmune ZNS-Erkrankungen. **2012**, 1-114
- 260 Epidemiologia dei deficit neuropsicologici acquisiti dell'adulto. **2012**, 7-15
- 259 Multiple Sclerosis. **2012**, 305-321
- 258 Sclerosi multipla. **2012**, 233-245
- 257 Cognitive Dysfunction in Multiple Sclerosis. 239-262
- 256 Symptomatic Treatment for Progressive Multiple Sclerosis. **2013**, 147-186
- 255 Depression and Anxiety. **2013**, 85-97 1
- 254 Differenzialdiagnostische Probleme und Labordiagnostik. **2013**, 75-91 1
- 253 Aspetti cognitivi nella sclerosi multipla. **2013**, 125-155

252 Neural Constraints on Attention. **2014**, 735-750

251 Attention Disturbances Associated with Neurological Disease. **2014**, 429-489

1

250 Processing Speed and Attentional Resources. **2014**, 751-762

249 Ambulatory Assessment in Neuropsychology. **2014**, 25, 239-251

1

248 Betreuung von Patienten mit multipler Sklerose. **2015**, 393-402

247 Neuropsychologie. **2015**, 201-210

246 Multipele sclerose. **2015**, 135-155

245 Multiple Sclerosis. **2016**, 375-397

244 Cognitive impairment. **2017**, 91-96

243 Multiple Sclerosis. **2017**, 137-146

242 Effects of Psychiatric Comorbidity in Immune-Mediated Inflammatory Disease: Protocol for a Prospective Study (Preprint).

241 Symptomatic Treatment for Progressive Multiple Sclerosis. **2018**, 155-205

240 Encyclopedia of Clinical Neuropsychology. **2018**, 1-7

239 Encyclopedia of Clinical Neuropsychology. **2018**, 1-7

238 Encyclopedia of Clinical Neuropsychology. **2018**, 1-7

237 Encyclopedia of Clinical Neuropsychology. **2018**, 1-6

236 Kognitive and multiple sclerosis. **2017**, 18, 394-398

235 Gliedmaßenapraxie bei Patienten mit Multipler Sklerose. **2017**, 28, 207-217

1

- 234 Encyclopedia of Clinical Neuropsychology. **2018**, 2977-2983
- 233 Encyclopedia of Clinical Neuropsychology. **2018**, 2811-2816
- 232 Encyclopedia of Clinical Neuropsychology. **2018**, 2297-2303
- 231 Importance of Cognitive Screening and Management in Multiple Sclerosis Care Reflection on the Recent Recommendations. **2018**, 14, 73
- 230 Secondary-Progressive Multiple Sclerosis. **2018**, 3095-3101
- 229 Kognitive Verzerrungen und Metakognition bei Multipler Sklerose (MS). **2018**, 29, 48-56
- 228 MicroRNA-223 protects neurons from degeneration in Experimental Autoimmune Encephalomyelitis.
- 227 The Diagnostic Role of Brain MRI in Detection of Multiple Sclerosis Related Cognitive Impairment. **2019**, 09, 313-324
- 226 Cognitive Findings Associated with Multiple Sclerosis. **2019**, 155-164
- 225 Cognitive Function in Hospitalized Patients with Multiple Sclerosis: A Case-Control Study. **2019**, 6,
- 224 Structural Neural Correlates of Impaired Postural Control in People with Secondary Progressive Multiple Sclerosis. **2020**, 22, 123-128 1
- 223 Mobile Brain/Body Imaging of cognitive-motor impairment in multiple sclerosis: deriving EEG-based neuro-markers during a dual-task walking study.
- 222 Clinical Features, Symptom Management, and Diagnosis. **2020**, 89-108
- 221 The Effect of Hippotherapy on Quality of Life in Women with Multiple Sclerosis. **2019**, 8, 21-30 1
- 220 Reversible Loss of Hippocampal Function in a Mouse Model of Demyelination/Remyelination.
- 219 Cognitive Research on Early Multiple Sclerosis. **2020**, 189-205
- 218 Contributing Factors to the Quality of Life in Multiple Sclerosis. **2020**, 74, 368-373 0
- 217 Procedural Learning Improves Cognition in Multiple Sclerosis. **2020**, 74, 913-924 1

216	Impact of Cognitive Impairment on Adults with Multiple Sclerosis and Their Family Caregivers. <b>2021</b> , 23, 93-100	0
215	Current evidence on the potential therapeutic applications of transcranial magnetic stimulation in multiple sclerosis: a systematic review of the literature.. <b>2022</b> , 37, 199-215	1
214	The role of hippocampal theta oscillations in working memory impairment in multiple sclerosis.	
213	Ocrelizumab is dampening the harm inflammation in patients with multiple sclerosis with little impact on protective immunity. <b>2020</b> , 21, 214-220	
212	Determinants of General Satisfaction With the Employment Situation Among People With Multiple Sclerosis. <b>2020</b> , 34, 86-102	
211	Training the brain: could it improve multiple sclerosis treatment?. <b>2020</b> , 31, 779-792	1
210	Informative value of neuropsychological tests for multiple sclerosis. <b>2020</b> , 12, 33-37	
209	Diagnosis of Alzheimer's disease and related dementia among people with multiple sclerosis: Large cohort study, USA.. <b>2022</b> , 57, 103351	3
208	Smartphone-derived keystroke dynamics are sensitive to relevant changes in multiple sclerosis. <b>2021</b> ,	1
207	Dynamics and Predictors of Cognitive Impairment along the Disease Course in Multiple Sclerosis. <b>2021</b> , 11,	1
206	Sustained ErbB Activation Causes Demyelination and Hypomyelination by Driving Necroptosis of Mature Oligodendrocytes and Apoptosis of Oligodendrocyte Precursor Cells. <b>2021</b> , 41, 9872-9890	2
205	Mobile health (mHealth) usage, barriers, and technological considerations in persons with multiple sclerosis: a literature review. <b>2021</b> , 4, oaaa067	3
204	In Vivo Measurement of Neurochemical Abnormalities in the Hippocampus in a Rat Model of Cuprizone-Induced Demyelination. <b>2020</b> , 11,	3
203	Autoantibodies to myelin basic protein and histone H1 as immune biomarkers of neuropsychological disorders in patients with multiple sclerosis. <b>2020</b> , 92, 77-84	
202	Cognitive Processing Speed Impairment Does Not Influence the Construct Validity of Six-Spot Step Test Performance in People With Multiple Sclerosis. <b>2021</b> , 101,	1
201	Psychological and neurocognitive impact of Behcet's disease. 001-008	
200	Cognitive rehabilitation. <b>2020</b> , 21, 55-59	
199	Multiple Sclerosis. <b>2012</b> , 305-321	0

198	A Rapid Electronic Cognitive Assessment Measure for Multiple Sclerosis: Validation of Cognitive Reaction, an Electronic Version of the Symbol Digit Modalities Test. <b>2020</b> , 22, e18234	3
197	Concurrent anatomical, physiological and network changes in cognitively impaired multiple sclerosis patients.	1
196	Telecommunication and rehabilitation for patients with multiple sclerosis: access and willingness to use. A cross-sectional study. <b>2020</b> , 56, 403-411	5
195	Design and Evaluation of User-Centered Exergames for Patients With Multiple Sclerosis: Multilevel Usability and Feasibility Studies (Preprint).	
194	Cognitive impairment in multiple sclerosis: a forgotten disability remembered. <b>2012</b> , 2012, 14	20
193	Early treatment with high-dose interferon beta-1a reverses cognitive and cortical plasticity deficits in multiple sclerosis. <b>2012</b> , 27, 163-8	32
192	Activities of daily living and lesion position among multiple sclerosis patients by Bayes network. <b>2013</b> , 8, 1327-36	0
191	Parkinsonism associated with multiple sclerosis: A report of eight new cases and a review on the literature. <b>2014</b> , 13, 88-93	6
190	The effect of exercise therapy on cognitive functions in multiple sclerosis patients: A pilot study. <b>2015</b> , 29, 205	9
189	Correlation of MRI findings and cognitive function in multiple sclerosis patients using montreal cognitive assessment test. <b>2016</b> , 30, 357	4
188	Genus as a new candidate for neurodegenerative disorders. <b>2020</b> , 23, 277-286	7
187	A much needed metric: Defining reliable and statistically meaningful change of the oral version Symbol Digit Modalities Test (SDMT).. <b>2021</b> , 57, 103405	0
186	Cognitive function and oral health in relapsing-remitting multiple sclerosis. <b>2021</b> , 1	0
185	Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS): discrete and regression-based norms for the Brazilian context. <b>2021</b> ,	
184	Validation of Discrete and Regression-Based Performance and Cognitive Fatigability Normative Data for the Paced Auditory Serial Addition Test in Multiple Sclerosis. <b>2021</b> , 15, 730817	0
183	Functional Connectivity Lateralisation Shift of Resting State Networks is Linked to Visuospatial Memory and White Matter Microstructure in Relapsing-Remitting Multiple Sclerosis. <b>2021</b> , 35, 268	1
182	Spatial navigation performance in people with multiple sclerosis-a large-scale online study.. <b>2022</b> , 58, 103423	
181	Assessing the presence of oligoclonal IgM bands as a prognostic biomarker of cognitive decline in the early stages of multiple sclerosis. <b>2021</b> , e2405	1

180	Effects of home-based virtual reality telerehabilitation system in people with multiple sclerosis: A randomized controlled trial. <b>2021</b> , 1357633X211054839	1
179	Multimodal emotion perception in young and elderly patients with multiple sclerosis.. <b>2022</b> , 58, 103478	0
178	Neuroimaging predictors of longitudinal disability and cognition outcomes in multiple sclerosis patients: A systematic review and meta-analysis.. <b>2021</b> , 57, 103452	0
177	Feasibility of cognitive rehabilitation in patients with advanced multiple sclerosis: A pilot study.. <b>2021</b> , 7, 20552173211064473	
176	Neuropsychological, medical and psychiatric findings after recovery from acute COVID-19: A cross-sectional study.. <b>2022</b> ,	1
175	Information Processing Speed Assessed with Letter Digit Substitution Test in Croatian Sample of Multiple Sclerosis Patients.. <b>2022</b> , 12,	1
174	Degree and pattern of dual-task interference during walking vary with component tasks in people after stroke: a systematic review.. <b>2021</b> ,	0
173	A multiple sclerosis nurse specialist narrative, focusing on supporting people to manage cognitive changes. <b>2022</b> , 18, S32-S40	1
172	Hemodynamic Alterations in Multiple Sclerosis.	
171	Abnormal multisensory integration in relapsing-remitting multiple sclerosis.. <b>2022</b> , 240, 953	1
170	Emotional processing intervention (EMOPRINT): A blinded randomized control trial to treat facial affect recognition deficits in multiple sclerosis.. <b>2022</b> , 59, 103536	
169	Structure-function coupling as a correlate and potential biomarker of cognitive impairment in multiple sclerosis. 1-17	0
168	Salivary biomarkers of neurodegenerative and demyelinating diseases and biosensors for their detection.. <b>2022</b> , 76, 101587	1
167	Cognitive impairment and markers of optical neurodegeneration in early multiple sclerosis.. <b>2022</b> , 1	0
166	The efficacy of speed of processing training for improving processing speed in individuals with multiple sclerosis: a randomized clinical trial.. <b>2022</b> , 1	0
165	Computer-Based Rehabilitation of Cognitive Impairments in Patients with Multiple Sclerosis. <b>2022</b> , 39-49	
164	Visual Search in Naturalistic Scenes Reveals Impaired Cognitive Processing Speed in Multiple Sclerosis.. <b>2022</b> , 13, 838178	
163	Ascertaining Medication Use and Patient-Reported Outcomes via an App and Exploring Gamification in Patients With Multiple Sclerosis Treated With Interferon $\beta$ : Observational Study.. <b>2022</b> , 6, e31972	0

162	Assessment of factors associated with depression and anxiety among pwMS in Saudi Arabia.. <b>2022</b> , 22, 120	
161	Predictors of unemployment status in people with relapsing multiple sclerosis: a single center experience.. <b>2022</b> , 1	
160	The psychological benefits of neuropsychological assessment feedback as a psycho-educational therapeutic intervention: A randomized-controlled trial with cross-over in multiple sclerosis.. <b>2022</b> , 1-30	3
159	The degree of cortical plasticity correlates with cognitive performance in patients with Multiple Sclerosis.. <b>2022</b> ,	0
158	¶wanna live and not think about the future¶What place for advance care planning for people living with severe multiple sclerosis and their families? A qualitative study.	
157	The Complex Interplay Between Trait Fatigue and Cognition in Multiple Sclerosis.. <b>2022</b> , 62, 108-122	1
156	Structural Plasticity of the Hippocampus in Neurodegenerative Diseases.. <b>2022</b> , 23,	3
155	Training physicians in providing complex information to patients with multiple sclerosis: a randomised controlled trial.. <b>2022</b> , 12, e049817	
154	Prospective memory in multiple sclerosis: clinical utility of the .. <b>2022</b> , 1-21	
153	An Entropy Approach to Multiple Sclerosis Identification.. <b>2022</b> , 12,	0
152	Examining the relationship between working memory consolidation and long-term consolidation.. <b>2022</b> ,	1
151	Developing the Rationale for Including Virtual Reality in Cognitive Rehabilitation and Exercise Training Approaches for Managing Cognitive Dysfunction in MS. <b>2022</b> , 3, 200-213	
150	Evidence-based management of multiple sclerosis spasticity with nabiximols oromucosal spray in clinical practice: a 10-year recap.. <b>2022</b> ,	0
149	Preliminary construct validity of a memory concerns scale derived from a PROMISfi item bank in a spanish-speaking sample.. <b>2022</b> , 1-13	
148	Analysis of Micro-RNA-144 Expression Profile in Patients with Multiple Sclerosis in Comparison with Healthy Individuals.. <b>2021</b> , 10, 396-401	0
147	Astrocyte control of the entorhinal cortex-dentate gyrus circuit: Relevance to cognitive processing and impairment in pathology.. <b>2021</b> ,	0
146	Cognitive dysfunction and mortality in multiple sclerosis: Long-term retrospective review.. <b>2021</b> , 13524585211066598	
145	The Relationship between Cognitive Dysfunction and Postural Stability in Multiple Sclerosis.. <b>2021</b> , 58,	



144 A Study Protocol for Occupational Rehabilitation in Multiple Sclerosis.. **2021**, 21,

143 A more unstable resting-state functional network in cognitively declining multiple sclerosis. ○

142 Neuropsychological Disability in the Case of Natalizumab-Related Progressive Multifocal Leukoencephalopathy.. **2022**, 58, ○

141 Identifying prospective memory deficits in multiple sclerosis: Preliminary evaluation of the criterion and ecological validity of a single item version of the memory for intentions test (MIST).. **2022**, 1-16

140 Embodied learning in multiple sclerosis using melodic, sound, and visual feedback: a potential rehabilitation approach.. **2022**,

139 Effect of dual-task training on cognitive functions in persons with multiple sclerosis: A systematic review and meta-analysis.. **2022**, 62, 103801 1

138 Negative interpretation of ambiguous bodily information by patients with relapsing-remitting multiple sclerosis.. **2022**, 62, 103808 ○

137 Multiple sclerosis. 197-207

136 Rehabilitation of dementia. 509-534

135 Data\_Sheet\_1.PDF. **2020**,

134 Table\_1.DOCX. **2020**,

133 Table\_1.DOCX. **2018**,

132 Table\_2.DOCX. **2018**,

131 Table\_3.docx. **2018**,

130 Table\_4.docx. **2018**,

129 Table\_1.DOCX. **2020**,

128 Data\_Sheet\_1.docx. **2020**,

127 Data\_Sheet\_1.docx. **2020**,

126 Data\_Sheet\_1.PDF. **2019**,

125 Image\_1.JPEG. **2019**,

124 Table\_1.DOCX. **2020**,

123 Data\_Sheet\_1.docx. **2019**,

122 Data\_Sheet\_1.xlsx. **2019**,

121 Data\_Sheet\_1.pdf. **2019**,

120 Data\_Sheet\_1.docx. **2019**,

119 The moderating roles of self-efficacy and depression in dual-task walking in multiple sclerosis: A test of self-awareness theory.. **2022**, 1-9

118 Relationship between subjective report and objective assessment of neurocognitive functioning in persons with multiple sclerosis.. **2022**, 1-8

117 Episodic Past, Future, and counterfactual thinking in Relapsing-Remitting Multiple sclerosis.. **2022**, 34, 103033

116 Corpus callosum damage to account for cognitive, affective, and social-cognitive dysfunctions in multiple sclerosis: A model of callosal disconnection syndrome?. **2022**, 13524585221091067

115 The Impact of Resistance Training Program on Static Balance in Multiple Sclerosis Population: A Randomized Controlled Trial Study.. **2022**, 11,

114 Working Memory Deficits in Multiple Sclerosis: An Overview of the Findings.. **2022**, 13, 866885

113 Validity and sensitivity of Canadian normative data for the minimal assessment of cognitive function in multiple sclerosis (MACFIMS) battery.. **2022**, 63, 103865

112 The relationship between processing speed and verbal and non-verbal new learning and memory in progressive multiple sclerosis.. **2022**, 13524585221088190

111 Moderate-to-vigorous physical activity is associated with processing speed, but not learning and memory, in cognitively impaired persons with multiple sclerosis.. **2022**, 63, 103833

110 Multiple Sklerose. **2021**, 47-59

109 Skeletonized mean diffusivity and neuropsychological performance in relapsing-remitting multiple sclerosis.. **2022**, e2591

108 Multiple sclerosis in children and adolescents. **2018**, 52, 7-13

107 Thalamic Atrophy, Duration of Illness and Years of Education are the Best Predictors of Cognitive Impairment in Multiple Sclerosis.

106 "I wanna live and not think about the future" what place for advance care planning for people living with severe multiple sclerosis and their families? A qualitative study. **2022**, 17, e0265861

2

105 Preliminary evidence that caffeine improves attention in multiple sclerosis. **2022**, 103924

104 Predictive Value of the Third Ventricle Width for Neurological Status in Multiple Sclerosis. **2022**, 11, 2841

103 Cognitive assessment of Brazilian patients with multiple sclerosis: weighing the impact of disability and depressive symptoms.

102 Relationship between apathy and cognitive dysfunctions in multiple sclerosis: A 4-year prospective longitudinal study. **2022**, 63, 103929

1

101 Comparison of visual-spatial perception ability in patients with multiple sclerosis (MS) and normal people in Tabriz City. **2021**, 31, 338-345

100 Usability and acceptability of a cognitive training intervention (SMART) for people with multiple sclerosis (MS): A prefeasibility formative evaluation. 2, 39

0

99 microRNA Expression and Its Association With Disability and Brain Atrophy in Multiple Sclerosis Patients Treated With Glatiramer Acetate. 13,

98 Symptom Interconnectivity in Multiple Sclerosis: A Narrative Review of Potential Underlying Biological Disease Processes.

0

97 Brain age as a surrogate marker for cognitive performance in multiple sclerosis.

0

96 Diagnosis of coexistent neurodegenerative dementias in multiple sclerosis.

95 The Effect of Smoking on Long-term Gray Matter Atrophy and Clinical Disability in Patients with Relapsing-Remitting Multiple Sclerosis. **2022**, 9, e200008

1

94 An Update on the Measurement of Motor Cerebellar Dysfunction in Multiple Sclerosis.

93 Neuropsychological evaluation and rehabilitation in multiple sclerosis (NEuRoMS): protocol for a mixed-methods, multicentre feasibility randomised controlled trial. **2022**, 8,

92 Feasibility, Acceptability, and Efficacy of Mindfulness Training in People with Upper Motor Neuron Disorders: A Systematic Review. **2022**,

91 Study Protocol: Strategies and Techniques for the Rehabilitation of Cognitive and Motor Deficits in Patients with Multiple Sclerosis. **2022**, 3, 395-407

0

- 90 The association of apolipoprotein E (ApoE) genotype and cognitive outcomes in multiple sclerosis; a systematic review and meta-analysis. **2022**, 65, 104011 ○
- 89 Pupil response speed as a marker of cognitive fatigue in early Multiple Sclerosis?. **2022**, 65, 104001 ○
- 88 Multivoxel 1H-mr spectroscopy as a potential diagnostic tool in the complex diagnosis of multiple sclerosis type conversion: a case report. **2022**, 13, 81-84
- 87 Targeting Fibronectin to Overcome Remyelination Failure in Multiple Sclerosis: The Need for Brain- and Lesion-Targeted Drug Delivery. **2022**, 23, 8418 1
- 86 Comparing the effects of cognitive dual tasking on balance and gait motor performance in people with mild multiple sclerosis and healthy individuals. **2022**, 29, 1-13
- 85 Correlates of patient-reported cognitive performance with regard to disability. **2022**, 12, ○
- 84 Psychological resilience mediates the relationship between perceived neuropsychological impairment and quality of life in a sample of patients with multiple sclerosis.
- 83 Predicting Falls in Adults with Multiple Sclerosis using Patient-Reported Measures: Are Perceptions of Dual-Tasking Missing?. **2022**, 104115
- 82 Cognitive impairment in multiple sclerosis phenotypes: Neuropsychological assessment in a portuguese sample. 1-10
- 81 Delayed cognitive processing and treatment status quo bias in early-stage multiple sclerosis. **2022**, 68, 104138
- 80 Role of Demyelination in the Persistence of Neurological and Mental Impairments after COVID-19. **2022**, 23, 11291 2
- 79 Interpreting the clinical importance of the relationship between subjective fatigue and cognitive impairment in multiple sclerosis (MS): How BICAMS performance is affected by MS-related fatigue. **2022**, 67, 104161 ○
- 78 Cognitive-motor interference in people with mild to moderate multiple sclerosis, in comparison with healthy controls. **2022**, 67, 104181 ○
- 77 Possible evidence of near transfer effects after adaptive working memory training in persons with multiple sclerosis. **2022**, 67, 104182 ○
- 76 Effects of Sativexfi on cognitive function in patients with multiple sclerosis: A systematic review and meta-analysis. **2022**, 68, 104173 ○
- 75 Symbol digit modalities test predicts decline of off-road driving ability in Japanese patients with multiple sclerosis. **2022**, 68, 104150 ○
- 74 The use of functional near infrared spectroscopy and gait analysis to characterize cognitive and motor processing in early-stage patients with multiple sclerosis. 13, ○
- 73 Strengthening Mental Abilities with Relational Training (SMART) in multiple sclerosis (MS): study protocol for a feasibility randomised controlled trial. **2022**, 8, ○

72	Examining the Influence of Cognition on the Relationship Between Backward Walking and Falls in Persons With Multiple Sclerosis. <b>2022,</b>	○
71	Perspective taking deficits and their relationship with theory of mind abilities in patients with relapsing-remitting multiple sclerosis (RRMS). 1-11	○
70	Investigating Relationships Among Interoceptive Awareness, Emotional Susceptibility, and Fatigue in People With Multiple Sclerosis. <b>2022,</b>	○
69	Cognitive-motor telerehabilitation in multiple sclerosis (CoMoTeMS): study protocol for a randomised controlled trial. <b>2022, 23,</b>	○
68	The role of ADM in brain function.	○
67	TRACKing health behaviors in people with Multiple Sclerosis (TRAC-MS): Study protocol and description of the study sample. <b>2022, 30, 101006</b>	○
66	Blood pressure and cognition in older adults with multiple sclerosis: preliminary examination.	○
65	Prediction of the information processing speed performance in multiple sclerosis using a machine learning approach in a large multicenter magnetic resonance imaging data set.	○
64	A proposed new taxonomy of cognitive phenotypes in multiple sclerosis: The International Classification of Cognitive Disorders in MS (IC-CoDiMS). 135245852211279	○
63	Association Between Cognitive Impairment and Motor Dysfunction among Patients with Multiple Sclerosis.	○
62	Kessler Foundation Strategy-Based Training to Enhance Memory (KF-STEM) Study protocol for a single site double-blind randomized, clinical trial in Multiple Sclerosis. <b>2022, 101026</b>	○
61	The Effectiveness of anodal tDCS and cognitive training on cognitive functions in Multiple Sclerosis; A randomized, double-blind, parallel-group study. <b>2022, 104392</b>	○
60	Subjective cognitive impairment is related to work status in people with multiple sclerosis. <b>2022,</b>	○
59	Subjective Report, Objective Neurocognitive Performance, and Invisible Symptoms in Multiple Sclerosis.	○
58	Performance in information processing speed is associated with parietal white matter tract integrity in multiple sclerosis. 13,	○
57	Cognitive impairment in people with multiple sclerosis: Perception vs. performance [Factors that drive perception of impairment differ for patients and clinicians. <b>2023, 69, 104410</b>	○
56	Demyelinating syndromes and movement disorders. <b>2023, 567-584</b>	○
55	Brief International Cognitive Assessment for MS (BICAMS) and global brain volumes in early stages of MS [A longitudinal correlation study. <b>2022, 104398</b>	○

- 54 Treadmill training with virtual reality to enhance gait and cognitive function among people with multiple sclerosis: a randomized controlled trial. ○
- 53 Cognitive deficits in multiple sclerosis: Auditory and Visual Attention and inhibitory Control. ○
- 52 Multistage classification identifies altered cortical phase- and amplitude-coupling in Multiple Sclerosis. **2022**, 119752 ○
- 51 A systematic review and meta-analysis exploring the efficacy of mindfulness-based interventions on quality of life in people with multiple sclerosis. ○
- 50 Optical coherence tomography (OCT) measurements and cognitive performance in multiple sclerosis: a systematic review and meta-analysis. ○
- 49 Facial emotion impairment in multiple sclerosis is linked to modifying observation strategies of emotional faces. **2023**, 69, 104439 ○
- 48 Altered functional connectivity during performance feedback processing in multiple sclerosis. **2023**, 37, 103287 ○
- 47 Sensitivity of conventional cognitive tests in multiple sclerosis: Application of item response theory. **2023**, 69, 104440 ○
- 46 Transcriptome Profiling in the Hippocampi of Mice with Experimental Autoimmune Encephalomyelitis. **2022**, 23, 14829 ○
- 45 Case report: Pragmatic impairment in multiple sclerosis after worsening of clinical symptoms. 13, ○
- 44 Driving ability and predictors for driving performance in Multiple Sclerosis: A systematic review. 13, ○
- 43 The TRACK-MS Test Battery: A Very Brief Tool to Track Multiple Sclerosis-Related Cognitive Impairment. **2022**, 10, 2975 ○
- 42 MULTIPLESKLEROZDA KOGNİTİF ETKİLENMENİN DEĞERLENDİRİLMESİ ○
- 41 Pain and cognitive performance in adults with multiple sclerosis: A systematic review. ○
- 40 Is There Reduced Hemodynamic Brain Activation in Multiple Sclerosis Even with Undisturbed Cognition?. **2023**, 24, 112 ○
- 39 Emotional Recognition and Its Relation to Cognition, Mood and Fatigue in Relapsing Remitting and Secondary Progressive Multiple Sclerosis. **2022**, 19, 16408 ○
- 38 The Relationship Between Severity of Overactive Bladder Symptoms and Cognitive Dysfunction, Anxiety and Depression in Female Patients with Multiple Sclerosis. **2022**, 104476 ○
- 37 Cognitive assessment in patients with multiple sclerosis: A Spanish consensus. 3, ○

- 36 Importance of Identifying Cognitive Impairment in Multiple Sclerosis. 1-23 ○
- 35 Motor, cognitive, and combined rehabilitation approaches on MS patients with cognitive impairment. ○
- 34 Cognitive Reserve as a Moderating Factor between EDSS and Cognition in Multiple Sclerosis. **2022**, 104482 ○
- 33 A Systematic Review and Meta-Analysis of the Brief Cognitive Assessment for Multiple Sclerosis (BICAMS) International Validations. **2023**, 12, 703 ○
- 32 Cognitive Assessment Has Never Been Faster! The Clock Drawing Test as a Screening Test for Cognitive Impairment in MS Clinical Practice. **2023**, 2, 80-84 ○
- 31 Real-time associations among MS symptoms and cognitive dysfunction using ecological momentary assessment. 9, ○
- 30 Synapse Dysfunctions in Multiple Sclerosis. **2023**, 24, 1639 ○
- 29 ALFF response interaction with learning during feedback in individuals with multiple sclerosis. **2023**, 104510 ○
- 28 Assessment of intelligence quotient in patients with neuromyelitis optica spectrum disease and multiple sclerosis. **2023**, 70, 104492 ○
- 27 Molecular biomarkers and cognitive impairment in multiple sclerosis: State of the field, limitations, and future direction [A systematic review and meta-analysis. **2023**, 146, 105035 ○
- 26 A service evaluation of a psychological skills group for people diagnosed with multiple sclerosis. **2016**, 1, 28-33 ○
- 25 Cortical lesions at diagnosis predict long-term cognitive impairment in multiple sclerosis: a 20-year study. ○
- 24 Decoupling of interacting neuronal populations by time-shifted stimulation through spike-timing-dependent plasticity. **2023**, 19, e1010853 ○
- 23 Focus or Neglect on Cognitive Impairment Following the History of Multiple Sclerosis. **2023**, 4, 65-78 ○
- 22 Personality as a Predictor of Disability in Multiple Sclerosis. ○
- 21 It's on the tip of my tongue! Exploring confrontation naming difficulties in patients with multiple sclerosis. **2023**, 71, 104579 ○
- 20 Longitudinal assessment of neurocognitive function in people with relapsing multiple sclerosis initiating alemtuzumab in routine clinical practice: LEM-COG study results. **2023**, 73, 104677 ○
- 19 Neuroprotective influence of macular xanthophylls and retinal integrity on cognitive function among persons with multiple sclerosis. **2023**, 188, 24-32 ○

- 18 Automated Computerized Neuropsychological Diagnostics in Multiple Sclerosis. **2022**, 33, 138-148 ○
- 17 Neurophysiological MEG markers of cognitive impairment and performance validity in multiple sclerosis. 135245852311598 ○
- 16 A Case of Bipolar Disorder due to Multiple Sclerosis with Episodes of Mania. **2022**, 31, 92-95 ○
- 15 Multiple Sclerosis: Where Do We Go From Here?. 84-95 ○
- 14 Narrative recall in relapsing-remitting multiple sclerosis: A potentially useful speech task for detecting subtle cognitive changes. 1-18 ○
- 13 Cognitive performance and brain structural connectome alterations in major depressive disorder. 1-12 ○
- 12 Incremental validity of brief and abbreviated neuropsychological tests toward predicting functional outcomes in multiple sclerosis. 1-11 ○
- 11 Vascular function and cognition in persons with multiple sclerosis: Preliminary examination. **2023**, 71, 104578 ○
- 10 Pain and cognitive performance in adults with multiple sclerosis: A systematic review. **2023**, 71, 104584 ○
- 9 Cognitive rehabilitation in multiple sclerosis: Three digital ingredients to address current and future priorities. 17, ○
- 8 A case of primary progressive multiple sclerosis with improvement in cognitive impairment by anti-CD20 monoclonal antibody therapy. **2023**, 63, 152-158 ○
- 7 Cognitive skill learning in multiple sclerosis: A meaningful component of the neuropsychological profile. **2023**, 166, 105959 ○
- 6 Association between cognitive impairment and motor dysfunction among patients with multiple sclerosis: a cross-sectional study. **2023**, 28, ○
- 5 The complex relation between visual complaints and decline in visual, visuo-perceptual and cognitive functions in people with multiple sclerosis. 1-24 ○
- 4 Disparidades de salud en el mundo real de los pacientes con esclerosis múltiple. **2023**, 15, 37-46 ○
- 3 Cognitive deficits in multiple sclerosis: Auditory and visual attention and inhibitory control. 1-8 ○
- 2 An investigation of auditory processing in relapsing-remitting multiple sclerosis. ○
- 1 Feasibility of remotely delivered and supported aerobic walking exercise training for cognitive processing speed impairment in fully-ambulatory persons with multiple sclerosis. **2023**, 74, 104709 ○



