

Alexandre Castro Caldas

List of Publications by Year in descending order

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Version: 2024-02-01

132
papers

3,874
citations

159525

30
h-index

128225

60
g-index

144
all docs

144
docs citations

144
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of learning to read and write on the morphology of the corpus callosum. <i>European Journal of Neurology</i> , 1999, 6, 23-28.	1.7	335
2	The illiterate brain. Learning to read and write during childhood influences the functional organization of the adult brain. <i>Brain</i> , 1998, 121, 1053-1063.	3.7	304
3	Comparison of Immediate-Release and Controlled Release Carbidopa/Levodopa in Parkinson's Disease. <i>European Neurology</i> , 1997, 37, 23-27.	0.6	232
4	DYSBOT: A single-blind, randomized parallel study to determine whether any differences can be detected in the efficacy and tolerability of two formulations of botulinum toxin type A "Dysport and Botox" assuming a ratio of 4:1. <i>Movement Disorders</i> , 1997, 12, 1013-1018.	2.2	220
5	Neurobehavioral Effects of Dental Amalgam in Children. <i>JAMA - Journal of the American Medical Association</i> , 2006, 295, 1784.	3.8	220
6	Illiteracy: The Neuropsychology of Cognition Without Reading. <i>Archives of Clinical Neuropsychology</i> , 2010, 25, 689-712.	0.3	220
7	Illiteracy: A cause for biased cognitive development. <i>Journal of the International Neuropsychological Society</i> , 1997, 3, 444-450.	1.2	171
8	Subjective experience in brain injured patients and their close relatives: A European Brain Injury Questionnaire study. <i>Brain Injury</i> , 1997, 11, 543-564.	0.6	152
9	Language Processing Modulated by Literacy: A Network Analysis of Verbal Repetition in Literate and Illiterate Subjects. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 364-382.	1.1	151
10	Formal Schooling Influences Two- but Not Three-Dimensional Naming Skills. <i>Brain and Cognition</i> , 2001, 47, 397-411.	0.8	87
11	The scope of preserved procedural memory in amnesia. <i>Brain</i> , 2004, 127, 1853-1867.	3.7	76
12	Botulinum toxin type A for the treatment of arm and hand spasticity in stroke patients. <i>Clinical Rehabilitation</i> , 1997, 11, 3-7.	1.0	71
13	Literacy: a cultural influence on functional left-right differences in the inferior parietal cortex. <i>European Journal of Neuroscience</i> , 2007, 26, 791-799.	1.2	67
14	Neuromyths in education: what is fact and what is fiction for Portuguese teachers?. <i>Educational Research</i> , 2013, 55, 441-453.	0.9	66
15	Early piribedil monotherapy of Parkinson's disease: A planned seven-month report of the REGAIN study. <i>Movement Disorders</i> , 2006, 21, 2110-2115.	2.2	61
16	Assessment of time perception: The effect of aging. <i>Journal of the International Neuropsychological Society</i> , 2004, 10, 332-41.	1.2	58
17	Brain Specialization for Language Does Not Depend on Literacy. <i>Archives of Neurology</i> , 1976, 33, 300-301.	4.9	51
18	Age and type of crossed aphasia in dextrals due to stroke*1. <i>Brain and Language</i> , 1984, 23, 126-133.	0.8	51

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19	Issues in design and analysis of a randomized clinical trial to assess the safety of dental amalgam restorations in children. <i>Contemporary Clinical Trials</i> , 2002, 23, 301-320.	2.0	51
20	Non-verbal disturbances in crossed aphasia. <i>Aphasiology</i> , 1987, 1, 403-413.	1.4	50
21	Efficacy of piribedil as early combination to levodopa in patients with stable Parkinson's disease: A 6-month, randomized, placebo-controlled study. <i>Movement Disorders</i> , 2003, 18, 418-425.	2.2	50
22	Levodopa monotherapy can induce "sleep attacks" in Parkinson's disease patients. <i>Journal of Neurology</i> , 2001, 248, 426-427.	1.8	44
23	Influence of educational level of non brain-damaged subjects on visual naming capacities. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1994, 16, 939-942.	0.8	42
24	A longitudinal study of neurological soft signs from late childhood into early adulthood. <i>Developmental Medicine and Child Neurology</i> , 2008, 50, 602-607.	1.1	42
25	The Parkinson-Control study: A 1-year randomized, double-blind trial comparing piribedil (150 mg/day) with bromocriptine (25 mg/day) in early combination with levodopa in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 500-509.	2.2	41
26	Aphasia Following Right Striato-insular Infarction in a Left-handed Child: a Clinico-radiological Study. <i>Developmental Medicine and Child Neurology</i> , 2008, 24, 173-178.	1.1	40
27	Dichotic listening in the recovery of aphasia after stroke. <i>Brain and Language</i> , 1980, 10, 145-151.	0.8	38
28	Brachial plexopathy after Botulinum toxin administration for cervical dystonia.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1993, 56, 220-220.	0.9	37
29	Targeting regions of interest for the study of the illiterate brain. <i>International Journal of Psychology</i> , 2004, 39, 5-17.	1.7	37
30	Effective Auditory Verbal Encoding Activates the Left Prefrontal and the Medial Temporal Lobes: A Generalization to Illiterate Subjects. <i>NeuroImage</i> , 1999, 10, 45-54.	2.1	36
31	Neurological outcomes in children with and without amalgam-related mercury exposure. <i>Journal of the American Dental Association</i> , 2008, 139, 138-145.	0.7	36
32	Gesture recognition in aphasia. <i>Journal of Clinical Neuropsychology</i> , 1980, 2, 277-292.	1.2	31
33	AGE AND SEX DIFFERENCES IN NEUROBEHAVIORAL PERFORMANCE: A STUDY OF PORTUGUESE ELEMENTARY SCHOOL CHILDREN. <i>International Journal of Neuroscience</i> , 2005, 115, 1687-1709.	0.8	30
34	Spontaneous complaints of long-term traumatic brain injured subjects and their close relatives. <i>Brain Injury</i> , 1998, 12, 759-767.	0.6	28
35	Illiteracy: a cause for biased cognitive development. <i>Journal of the International Neuropsychological Society</i> , 1997, 3, 444-50.	1.2	28
36	Neuropsychological Aspects of Illiteracy. <i>Neuropsychological Rehabilitation</i> , 1997, 7, 327-338.	1.0	24

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37	CT scan correlates of gesture recognition.. Journal of Neurology, Neurosurgery and Psychiatry, 1983, 46, 943-952.	0.9	23
38	APOMORPHINE TEST FOR DOPAMINERGIC RESPONSIVENESS. Lancet, The, 1989, 333, 1262-1263.	6.3	23
39	Right Hemifield Alexia Without Hemianopia. Archives of Neurology, 1984, 41, 84-87.	4.9	22
40	Dichotic listening pattern in relation to interhemispheric disconnexion. Neuropsychologia, 1976, 14, 247-250.	0.7	21
41	Action verbal fluency in Parkinson's patients. Arquivos De Neuro-Psiquiatria, 2015, 73, 520-525.	0.3	21
42	Task-specific contribution of the human striatum to perceptual-motor skill learning. Journal of Clinical and Experimental Neuropsychology, 2011, 33, 51-62.	0.8	19
43	Hand tactile discrimination, social touch and frailty criteria in elderly people: A cross sectional observational study. Archives of Gerontology and Geriatrics, 2016, 66, 73-81.	1.4	18
44	Neurobiological Substrates of Illiteracy. Neuroscientist, 2000, 6, 475-482.	2.6	17
45	Reversal of ear advantage for phonetically similar words in illiterates. Journal of Clinical Neuropsychology, 1979, 1, 331-338.	1.2	16
46	Crossed optic ataxia: possible role of the dorsal splenium.. Journal of Neurology, Neurosurgery and Psychiatry, 1983, 46, 533-539.	0.9	16
47	Aphasia Following Right Hemisphere Lesion in a Woman with Left Hemisphere Injury in Childhood. Brain and Language, 1995, 49, 280-288.	0.8	16
48	The knowledge of orthography is a revolution in the brain. Reading and Writing, 2003, 16, 81-97.	1.0	16
49	Reliability and Validity of the European Portuguese Version of the Social Touch Questionnaire. Journal of Nonverbal Behavior, 2016, 40, 363-377.	0.6	16
50	Learning orthography in adulthood: A magnetoencephalographic study. Journal of Neuropsychology, 2009, 3, 17-30.	0.6	15
51	Handshape is the hardest path in Portuguese Sign Language acquisition. Sign Language and Linguistics (Online), 2013, 16, 75-90.	0.3	15
52	Brain Specialization for Language: Not Dependent on Literacy-Reply. Archives of Neurology, 1976, 33, 662-662.	4.9	14
53	REPEAT TEST SCORES ON NEUROBEHAVIORAL MEASURES OVER AN EIGHT-YEAR PERIOD IN A SAMPLE OF PORTUGUESE CHILDREN. International Journal of Neuroscience, 2008, 118, 79-93.	0.8	14
54	Palatal myoclonus and carbamazepine. Annals of Neurology, 1981, 10, 402-402.	2.8	13

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55	The association of dental caries with blood lead in children when adjusted for IQ and neurobehavioral performance. <i>Science of the Total Environment</i> , 2007, 377, 159-164.	3.9	13
56	Transient and persistent right ear extinction in dichotic listening. <i>Neurology</i> , 1984, 34, 1418-1418.	1.5	13
57	Feeling Hurt. <i>Clinical Journal of Pain</i> , 2016, 32, 14-19.	0.8	12
58	Partial Section of the Corpus Callosum: Focal Signs and Their Recovery. <i>Neurosurgery</i> , 1989, 25, 442-447.	0.6	11
59	The ex-illiterate brain: The critical period, cognitive reserve and HAROLD model. <i>Dementia E Neuropsychologia</i> , 2009, 3, 222-227.	0.3	10
60	Achieving a successful relationship between Neuroscience and Education: The views of Portuguese teachers. <i>Procedia, Social and Behavioral Sciences</i> , 2011, 29, 879-884.	0.5	10
61	Effects of emotional valence and three-dimensionality of visual stimuli on brain activation: An fMRI study. <i>NeuroRehabilitation</i> , 2013, 33, 505-512.	0.5	10
62	Understanding Task- and Expertise-Specific Motor Acquisition and Motor Memory Formation and Consolidation. <i>Perceptual and Motor Skills</i> , 2013, 117, 108-129.	0.6	10
63	Brain Activity during Lower-Limb Movement with Manual Facilitation: An fMRI Study. <i>Neurology Research International</i> , 2015, 2015, 1-14.	0.5	10
64	Disentangling Pantomime From Early Sign in a New Sign Language: Window Into Language Evolution Research. <i>Frontiers in Psychology</i> , 2021, 12, 640057.	1.1	10
65	Contrecoup injury in the misdiagnosis of crossed aphasia. <i>Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology</i> , 1986, 8, 697-701.	1.4	9
66	Problems of patients with chronic aphasia: different perspectives of husbands and wives?. <i>Brain Injury</i> , 1999, 13, 23-29.	0.6	9
67	Study of behavioural and neural bases of visuo-spatial working memory with an fMRI paradigm based on a n-back task. <i>Journal of Neuropsychology</i> , 2017, 11, 122-134.	0.6	9
68	Atypical Dominance for Language in Developmental Dysphasia. <i>Developmental Medicine and Child Neurology</i> , 2008, 37, 85-90.	1.1	8
69	Biologicals and biosimilars: safety issues in Europe. <i>Expert Opinion on Biological Therapy</i> , 2017, 17, 871-877.	1.4	8
70	Serious Games: Are They Part of the Solution in the Domain of Cognitive Rehabilitation?. <i>Lecture Notes in Computer Science</i> , 2011, , 95-105.	1.0	7
71	The temporal modulation structure of illiterate versus literate adult speech. <i>PLoS ONE</i> , 2018, 13, e0205224.	1.1	7
72	Partial section of the corpus callosum. <i>Neurosurgery</i> , 1989, 25, 442.	0.6	6

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73	Interpreting WAIS-III performance after primary brain tumor surgery. <i>Applied Neuropsychology Adult</i> , 2017, 24, 42-49.	0.7	6
74	Computer-Assisted Rehabilitation Program "Virtual Reality (CARP-VR): A Program for Cognitive Rehabilitation of Executive Dysfunction. <i>Communications in Computer and Information Science</i> , 2012, , 90-100.	0.4	6
75	Bullying's Negative Effect on Academic Achievement. <i>International Journal of Educational Psychology</i> , 2020, 9, 243.	0.2	5
76	Influence of Footedness on Dynamic Joint Stiffness during the Gait Stance Phase. <i>Journal of Scientific Research and Reports</i> , 2015, 5, 175-183.	0.2	5
77	Those Were the (Phrenological) Days. <i>Neuroscientist</i> , 2000, 6, 297-302.	2.6	4
78	Aphasia with recurring utterances: Old syndrome, new perspectives. <i>Aphasiology</i> , 2014, 28, 1350-1363.	1.4	4
79	Hands-on physiotherapy interventions and stroke and International Classification of Functionality, Disability and Health outcomes: A systematic review. <i>European Journal of Physiotherapy</i> , 2015, 17, 100-115.	0.7	4
80	Impaired Pain Modulation in Fibromyalgia Patients in Response to Social Distress Manipulation. <i>Clinical Journal of Pain</i> , 2017, 33, 611-619.	0.8	4
81	Executive functioning of Portuguese preschoolers in the Shape School test: A cross cultural study. <i>Applied Neuropsychology: Child</i> , 2018, 7, 200-207.	0.7	4
82	Efficacy of ICT-Based Neurocognitive Rehabilitation Programs for Acquired Brain Injury. <i>European Psychologist</i> , 2018, 23, 250-264.	1.8	4
83	Bilingualism and Bimodal Bilingualism in Deaf People. , 2014, , 187-210.		4
84	Interventions to Improve Medication Adherence in Aged People with Chronic Disease - Systematic Review. <i>Universal Journal of Public Health</i> , 2017, 5, 25-31.	0.0	4
85	LISURIDE INFUSION PUMP FOR PARKINSON'S DISEASE. <i>Lancet, The</i> , 1986, 327, 1150-1151.	6.3	3
86	Conceptualization and Rehabilitation of Executive Functions. <i>European Psychologist</i> , 2014, 19, 269-277.	1.8	3
87	Influence of Literacy (vs Illiteracy) on the Characteristics of Acquired Aphasia in Adults. <i>Neuropsychology and Cognition</i> , 1995, , 79-91.	0.6	3
88	RECOVERY FROM HEMIANOPIA IN MAN: EVIDENCE FOR COLLICULAR VISION ?. <i>Lancet, The</i> , 1974, 304, 110.	6.3	2
89	EXPERTS AND AMATEURS IN STROKE THERAPY. <i>Lancet, The</i> , 1975, 306, 1260.	6.3	2
90	A Pharmacokinetic Interaction between Subcutaneous Apomorphine and Levodopa/Carbidopa (Sinemet?). <i>Clinical Drug Investigation</i> , 1995, 9, 363-366.	1.1	2

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91	Synthesising knowledge for physiotherapy practice. Key steps towards review methodology. International Journal of Therapy and Rehabilitation, 2017, 24, 211-217.	0.1	2
92	CT criteria of hemisphere asymmetry fail to predict language laterality. Neurology, 1985, 35, 935-935.	1.5	2
93	Botulinum toxin and dysphagia. Neurology, 1992, 42, 2233.	1.5	2
94	Footedness-Related Differences in Dynamic Joint Stiffness and Leg Stiffness Measurements. Journal of Scientific Research and Reports, 2015, 6, 363-370.	0.2	2
95	PROSOPAGNOSIA. Lancet, The, 1974, 304, 892-893.	6.3	1
96	Differences in verbal repetition in literate and illiterate subjects: A network analysis. NeuroImage, 1998, 7, S218.	2.1	1
97	Revisiting "The influence of literacy in paraphasias of aphasic speakers"™. Clinical Linguistics and Phonetics, 2010, 24, 890-905.	0.5	1
98	An fMRI paradigm based on Williams inhibition test to study the neural substrates of attention and inhibitory control. Neurological Sciences, 2017, 38, 2145-2152.	0.9	1
99	Unisensory and multisensory Self-referential stimulation of the lower limb: An exploratory fMRI study on healthy subjects. Physiotherapy Theory and Practice, 2018, 34, 22-40.	0.6	1
100	Epistemic beliefs as a determinant in evidence-based practice in physiotherapy " a Multi-Country (Europe) Cross-Sectional Online Survey Study. European Journal of Physiotherapy, 2018, 20, 85-91.	0.7	1
101	A model for the understanding of the effect of cultural stimulation on the bio-functional organization of the human brain. Psicologia, 2014, 16, 13.	0.1	1
102	Neuromyths in education: What is fact and what is fiction for teachers?. Frontiers in Neuroscience, 0, 4, .	1.4	1
103	AvaliaÃ§Ã£o da experiÃªncia subjectiva em pessoas com lesÃ£o cerebral: AdaptaÃ§Ã£o para a populaÃ§Ã£o portuguesa do European Brain Znjury Questionnaire (EBIQ). Analise Psicologica, 2012, 19, 219-236.	0.2	1
104	Age-related Gender Differences in Motor and Inhibitory Learning and Consolidation. Journal of Advanced Neuroscience Research, 2014, 1, 10-21.	0.2	1
105	AdaptaÃ§Ã£o e ValidaÃ§Ã£o da Escala Toulousiana de Coping a adolescentes. Portuguese Review of Mental Health Nursing, 2015, , .	0.1	1
106	Pure Alexia Without Hemianopia. Archives of Neurology, 1985, 42, 1035-1036.	4.9	0
107	Book reviews : Acquired aphasia in children I. P. Martins, A. Castro-Caldas, H. R. van Dongen, A. van Hout, editors Dordrecht: Kluwer, 1991. xv + 312pp. Child Language Teaching and Therapy, 1993, 9, 73-75.	0.4	0
108	BOOK AND TEST REVIEWS. Applied Neuropsychology, 2001, 8, 104-112.	1.5	0

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109	The Remaking of a Landmark. <i>Journal of the International Neuropsychological Society</i> , 2002, 8, 601-602.	1.2	0
110	P-784 - A new fMRI paradigm to study behavioral and neural bases of visual working memory. <i>European Psychiatry</i> , 2012, 27, 1.	0.1	0
111	Cognitive output of a neuropsychological stimulation program in an elderly day care center with low educated participants: An observational study. <i>Dementia E Neuropsychologia</i> , 2014, 8, 162-168.	0.3	0
112	Epistemological beliefs of European physiotherapists – a multi-country cross-cultural adaptation for the DEBQ and the CAEB questionnaires. <i>European Journal of Physiotherapy</i> , 2017, 19, 32-39.	0.7	0
113	Searching for a neurologic injury’s Wechsler Adult Intelligence Scale-Third Edition profile. <i>Applied Neuropsychology Adult</i> , 2017, 24, 457-464.	0.7	0
114	Exogenous orientation of attention in congenitally deaf individuals.. <i>Psychology and Neuroscience</i> , 2021, 14, 173-182.	0.5	0
115	Instrumento de Avaliação da Qualidade de Vida (IAQdV) – Estudo de Validação para a População Idosa Portuguesa. <i>Psychologica</i> , 2009, , 373-388.	0.2	0
116	The Emergence of Modern Communication in Primates: A Computational Approach. <i>Interdisciplinary Evolution Research</i> , 2014, , 289-311.	0.2	0
117	Crossed Aphasia as a Model of Atypical Specialization. , 1991, , 83-93.		0
118	8. Phonological and Speech Output in Adult Non-Literate Groups. , 2014, , 105-122.		0
119	Do Vertical Stiffness or Dynamic Joint Stiffness Have Footedness-related Differences?. <i>Journal of Scientific Research and Reports</i> , 2015, 6, 189-200.	0.2	0
120	What the Illiterate Brain Tells the Deaf Brain. , 2015, , .		0
121	Neuropsychology Rehabilitation. , 2016, , 273-284.		0
122	Impacto de um programa holístico de reabilitação neuropsicológica na qualidade de vida de pessoas com lesão cerebral adquirida. <i>Psychologica</i> , 2016, 58, 61-74.	0.2	0
123	Capacidade dos Profissionais de Saúde de Medicina e Enfermagem dos Cuidados de Saúde Primários em Identificar Doentes de Cuidados Paliativos. <i>Gazeta Médica</i> , 0, , .	0.0	0
124	Sleep Quality And Chronotype Of Portuguese School-Aged Children. , 0, , .		0
125	The Effectiveness of Health Information Technology on Promoting Medication Adherence in Adults with Diabetes Mellitus Type 2: A Systematic Review Protocol. <i>Universal Journal of Public Health</i> , 2018, 6, 30-34.	0.0	0
126	Quality Of Infant Sleep, Electronic Devices And Bullying Behaviors In Schools. , 0, , .		0

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127	Contributo da formaÃ§Ã£o musical no desempenho acadÃ©mico e cognitivo de crianÃ§as e adolescentes. Revista Portuguesa De Educacao, 2020, 33, 116-135.	0.1	0
128	Desempenho no Exame Final de MatemÃ¡tica de Jovens do Ensino ArtÃ©stico Especializado de MÃºsica. Revista Portuguesa De Pedagogia, 0, 55, e055004.	0.1	0
129	Looking for the Brain Inside the Initial Teacher Training and Outreach Books in Portugal. Frontiers in Psychology, 2022, 13, 737136.	1.1	0
130	Functional connectivity as a neural correlate of cognitive rehabilitation programsâ€™ efficacy: A systematic review. Current Psychology, 0, , 1.	1.7	0
131	Testing dichotic listening. Neurology, 1985, 35, 1087.	1.5	0
132	Transient fluent aphasia after acute meningitis. Neurology, 1973, 23, 171-171.	1.5	0