

Fabrizio De Carli

List of Publications by Year in descending order

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97
papers

3,984
citations

81900
39
h-index

138484
58
g-index

98
all docs

98
docs citations

98
times ranked

4964
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional pattern of brain FDG-PET in amyotrophic lateral sclerosis. <i>Neurology</i> , 2014, 83, 1067-1074.	1.1	154
2	Dissociated wake-like and sleep-like electro-cortical activity during sleep. <i>NeuroImage</i> , 2011, 58, 612-619.	4.2	139
3	Regional cerebral blood flow in chronic hypertension. A correlative study.. <i>Stroke</i> , 1993, 24, 1148-1153.	2.0	129
4	Professional Shift-Work Drivers who Adopt Prophylactic Naps can Reduce the Risk of Car Accidents During Night Work. <i>Sleep</i> , 2004, 27, 1295-1302.	1.1	97
5	Changes in cerebral and autonomic activity heralding periodic limb movements in sleep. <i>Sleep Medicine</i> , 2004, 5, 407-412.	1.6	92
6	Hippocampal sleep spindles preceding neocortical sleep onset in humans. <i>NeuroImage</i> , 2014, 86, 425-432.	4.2	92
7	Obstructive Sleep Apnea can be Provocative for Right-to-Left Shunting Through a Patent Foramen Ovale. <i>Sleep</i> , 2002, 25, 21-27.	1.1	87
8	Local aspects of sleep. <i>Progress in Brain Research</i> , 2012, 199, 219-232.	1.4	87
9	Automatic semi-quantification of [123I]FP-CIT SPECT scans in healthy volunteers using BasGan version 2: results from the ENC-DAT database. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013, 40, 565-573.	6.4	86
10	Volume of interest-based [18F]fluorodeoxyglucose PET discriminates MCI converting to Alzheimer's disease from healthy controls. A European Alzheimer's Disease Consortium (EADC) study. <i>NeuroImage: Clinical</i> , 2015, 7, 34-42.	2.7	85
11	Cognitiveâ€nigrostriatal relationships in de novo, drugâ€naÃ¬ve Parkinson's disease patients: A [â€123]FPâ€CIT SPECT study. <i>Movement Disorders</i> , 2010, 25, 35-43.	3.9	83
12	Early identification of MCI converting to AD: a FDG PET study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2042-2052.	6.4	83
13	CAP and arousals are involved in the homeostatic and ultradian sleep processes. <i>Journal of Sleep Research</i> , 2005, 14, 359-368.	3.2	81
14	Quantitative EEG Changes in Alzheimer Patients during Long-Term Donepezil Therapy. <i>Neuropsychobiology</i> , 2002, 46, 49-56.	1.9	77
15	Quantitative analysis of sleep EEG microstructure in the timeâ€frequency domain. <i>Brain Research Bulletin</i> , 2004, 63, 399-405.	3.0	75
16	Tactile exploration of virtual objects for blind and sighted people: the role of beta 1 EEG band in sensory substitution and supramodal mental mapping. <i>Journal of Neurophysiology</i> , 2012, 107, 2713-2729.	1.8	74
17	Morning increase of whole blood viscosity in obstructive sleep apnea syndrome. <i>Clinical Hemorheology and Microcirculation</i> , 2000, 22, 21-7.	1.7	71
18	A Method for the Automatic Detection of Arousals During Sleep. <i>Sleep</i> , 1999, 22, 561-572.	1.1	70

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19	Relationship of sleep interictal epileptiform discharges to sigma activity (12–16 Hz) in benign epilepsy of childhood with rolandic spikes. <i>Clinical Neurophysiology</i> , 1999, 110, 39-46.	1.5	70
20	Visual Versus Semi-Quantitative Analysis of 18F-FDG-PET in Amnesic MCI: An European Alzheimer's Disease Consortium (EADC) Project. <i>Journal of Alzheimer's Disease</i> , 2015, 44, 815-826.	2.6	67
21	Quantitative Electroencephalography and Regional Cerebral Blood Flow: Discriminant Analysis between Alzheimer's Patients and Healthy Controls. <i>Dementia and Geriatric Cognitive Disorders</i> , 1998, 9, 274-283.	1.5	66
22	Nigro-caudate dopaminergic deafferentation: a marker of REM sleep behavior disorder?. <i>Neurobiology of Aging</i> , 2015, 36, 3300-3305.	3.1	63
23	Activation of the motor cortex during phasic rapid eye movement sleep. <i>Annals of Neurology</i> , 2016, 79, 326-330.	5.3	63
24	Chronic Vagus Nerve Stimulation Improves Alertness and Reduces Rapid Eye Movement Sleep in Patients Affected by Refractory Epilepsy. <i>Sleep</i> , 2003, 26, 607-611.	1.1	62
25	Sleep in the Human Hippocampus: A Stereo-EEG Study. <i>PLoS ONE</i> , 2007, 2, e867.	2.5	60
26	The Contributing Role of Sleepiness in Highway Vehicle Accidents. <i>Sleep</i> , 2001, 24, 201-206.	1.1	58
27	Functional neuroimaging and clinical features of drug naive patients with de novo Parkinson's disease and probable RBD. <i>Parkinsonism and Related Disorders</i> , 2016, 29, 47-53.	2.2	57
28	Presynaptic dopaminergic neuroimaging in REM sleep behavior disorder: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2018, 41, 266-274.	8.5	56
29	Brain SPECT in subtypes of mild cognitive impairment. <i>Journal of Neurology</i> , 2008, 255, 1344-1353.	3.6	54
30	Slow EEG rhythms and inter-hemispheric synchronization across sleep and wakefulness in the human hippocampus. <i>NeuroImage</i> , 2012, 60, 497-504.	4.2	52
31	The prognostic value of sleep patterns in disorders of consciousness in the sub-acute phase. <i>Clinical Neurophysiology</i> , 2016, 127, 1445-1451.	1.5	52
32	Sleep-EEG modulation of interictal epileptiform discharges in adult partial epilepsy: a spectral analysis study. <i>Clinical Neurophysiology</i> , 2000, 111, 916-923.	1.5	49
33	An updated Italian normative dataset for the Stroop color word test (SCWT). <i>Neurological Sciences</i> , 2016, 37, 365-372.	1.9	49
34	Distribution of epileptiform discharges during nREM sleep in the CSWSS syndrome: relationship with sigma and delta activities. <i>Epilepsy Research</i> , 2001, 44, 119-128.	1.6	45
35	Modulation of sleep interictal epileptiform discharges in partial epilepsy of childhood. <i>Clinical Neurophysiology</i> , 1999, 110, 839-845.	1.5	44
36	Prediction of cognitive worsening in de novo Parkinson's disease: Clinical use of biomarkers. <i>Movement Disorders</i> , 2017, 32, 1738-1747.	3.9	43

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37	SPECT Predictors of Cognitive Decline and Alzheimer's Disease in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2009, 17, 761-772.	2.6	42
38	Suppression of interictal spikes during phasic rapid eye movement sleep: a quantitative stereo-electroencephalography study. Journal of Sleep Research, 2017, 26, 606-613.	3.2	42
39	Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of ¹⁸ F-FDG PET Data. Journal of Nuclear Medicine, 2017, 58, 1132-1139.	5.0	41
40	Metabolic spatial connectivity in amyotrophic lateral sclerosis as revealed by independent component analysis. Human Brain Mapping, 2016, 37, 942-953.	3.6	40
41	Sleepiness and sleep disorders in shift workers: a study on a group of italian police officers. Sleep, 2002, 25, 648-53.	1.1	40
42	Procedural learning and sleep hippocampal low frequencies in humans. NeuroImage, 2008, 42, 911-918.	4.2	39
43	Periodic limb movements both in non-REM and REM sleep: Relationships between cerebral and autonomic activities. Clinical Neurophysiology, 2009, 120, 1282-1290.	1.5	39
44	Metabolic Correlates of Rey Auditory Verbal Learning Test in Elderly Subjects with Memory Complaints. Journal of Alzheimer's Disease, 2014, 39, 103-113.	2.6	39
45	The contributing role of sleepiness in highway vehicle accidents. Sleep, 2001, 24, 203-6.	1.1	39
46	Regional cerebral blood flow in chronic stroke patients.. Stroke, 1993, 24, 94-99.	2.0	37
47	The Role of the Serotonergic System in REM Sleep Behavior Disorder. Sleep, 2015, 38, 1505-1509.	1.1	36
48	A quantified analysis of sleep electroencephalography in anorectic adolescents. Biological Psychiatry, 1999, 45, 771-775.	1.3	35
49	Time dynamics of stimulus- and event-related gamma band activity: contrast-VEPs and the visual P300 in man. Clinical Neurophysiology, 2001, 112, 2241-2249.	1.5	34
50	The factorial structure of the mini mental state examination (MMSE) in Alzheimer's disease. Archives of Gerontology and Geriatrics, 2009, 49, 180-185.	3.0	34
51	What predicts cognitive decline in de novo Parkinson's disease?. Neurobiology of Aging, 2012, 33, 1127.e11-1127.e20.	3.1	34
52	Sleepiness and Sleep Disorders in Shift Workers: A Study on a Group of Italian Police Officers. Sleep, 2002, , .	1.1	32
53	Brain perfusion correlates of cognitive and nigrostriatal functions in de novo Parkinson's disease. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 2209-2218.	6.4	32
54	Modifications of sleep EEG induced by chronic vagus nerve stimulation in patients affected by refractory epilepsy. Clinical Neurophysiology, 2004, 115, 658-664.	1.5	30

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55	Prognostic significance of quantitative electroencephalography in Alzheimer patients: preliminary observations. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996, 99, 123-128.	0.3	29
56	Spindles-Inducing Mechanism Modulates Sleep Activation of Interictal Epileptiform Discharges in the Landau-Kleffner Syndrome. <i>Epilepsia</i> , 2000, 41, 201-206.	5.1	29
57	The Alzheimer's disease metabolic brain pattern in mild cognitive impairment. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2017, 37, 3643-3648.	4.3	29
58	18F-FDG PET diagnostic and prognostic patterns do not overlap in Alzheimer's disease (AD) patients at the mild cognitive impairment (MCI) stage. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 2073-2083.	6.4	29
59	A Model-Based Approach to Homeostatic and Ultradian Aspects of Nocturnal Sleep Structure in Narcolepsy. <i>Sleep</i> , 2007, 30, 157-165.	1.1	28
60	Utility of quantitative EEG in early Lewy body disease. <i>Parkinsonism and Related Disorders</i> , 2020, 75, 70-75.	2.2	27
61	Absence of sleep EEG markers in fatal familial insomnia healthy carriers: a spectral analysis study. <i>Clinical Neurophysiology</i> , 2001, 112, 1888-1892.	1.5	26
62	Neurophysiological correlates of sleep leg movements in acute spinal cord injury. <i>Clinical Neurophysiology</i> , 2015, 126, 333-338.	1.5	24
63	Relationship of sigma activity to sleep interictal epileptic discharges: a study in children affected by benign epilepsy with occipital paroxysms. <i>Epilepsy Research</i> , 2000, 40, 179-186.	1.6	23
64	Impairment of the Production of Delta Sleep in Anorectic Adolescents. <i>Sleep</i> , 2004, 27, 1553-1559.	1.1	23
65	Brain 18F-DOPA PET and cognition in de novo Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1062-1070.	6.4	23
66	Neuroimaging findings and clinical trajectories of Lewy body disease in patients with MCI. <i>Neurobiology of Aging</i> , 2019, 76, 9-17.	3.1	23
67	A normative study of the Italian printed word version of the free and cued selective reminding test. <i>Neurological Sciences</i> , 2015, 36, 1127-1134.	1.9	21
68	Parkinson's Disease Sleep Scale 2: application in an Italian population. <i>Neurological Sciences</i> , 2016, 37, 283-288.	1.9	21
69	Stimulus- and Frequency-Specific Oscillatory Mass Responses to Visual Stimulation in Man. <i>Clinical EEG (electroencephalography)</i> , 2001, 32, 145-151.	0.9	20
70	Accuracy and generalization capability of an automatic method for the detection of typical brain hypometabolism in prodromal Alzheimer disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 334-347.	6.4	20
71	Sleep apnea and periodic leg movements in the first year after spinal cord injury. <i>Sleep Medicine</i> , 2015, 16, 59-66.	1.6	19
72	The fate of patients with REM sleep behavior disorder and mild cognitive impairment. <i>Sleep Medicine</i> , 2021, 79, 205-210.	1.6	19

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73	Sleep disorders in Prader-Willi syndrome, evidence from animal models and humans. <i>Sleep Medicine Reviews</i> , 2021, 57, 101432.	8.5	17
74	Temporal relationship of generalized epileptiform discharges to spindle frequency activity in childhood absence epilepsy. <i>Clinical Neurophysiology</i> , 2001, 112, 1912-1916.	1.5	16
75	Head-to-Head Comparison among Semi-Quantification Tools of Brain FDG-PET to Aid the Diagnosis of Prodromal Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2019, 68, 383-394.	2.6	14
76	Regional cerebral blood flow asymmetries in a group of 189 normal subjects at rest. <i>Brain Topography</i> , 1991, 4, 57-63.	1.8	13
77	Does the prion protein gene 129 codon polymorphism influence sleep? Evidence from a fatal familial insomnia kindred. <i>Clinical Neurophysiology</i> , 2002, 113, 1948-1953.	1.5	13
78	Language use affects proficiency in Italian-Spanish bilinguals irrespective of age of second language acquisition. <i>Bilingualism</i> , 2015, 18, 324-339.	1.3	13
79	A procedure to obtain global radiation maps from sunshine durations at isolated stations in a region with complex orography. <i>Solar Energy</i> , 1986, 37, 91-108.	6.1	12
80	Factor structure of the human gamma band oscillatory response to visual (contrast) stimulation. <i>Clinical Neurophysiology</i> , 2004, 115, 1669-1676.	1.5	11
81	Effects of acute trigeminal nerve stimulation on rest EEG activity in healthy adults. <i>Experimental Brain Research</i> , 2018, 236, 2839-2845.	1.5	11
82	The role of anterior prefrontal cortex in prospective memory: an exploratory FDG-PET study in early Alzheimer's disease. <i>Neurobiology of Aging</i> , 2020, 96, 117-127.	3.1	11
83	Inflammation Markers Correlate With Common Carotid Intima-Media Thickness in Patients Perinatally Infected With Human Immunodeficiency Virus 1. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 763-768.	1.7	11
84	Baseline and ongoing PET-derived factors predict detrimental effect or potential utility of 18F-FDG PET/CT (FDG-PET/CT) performed for surveillance in asymptomatic lymphoma patients in first remission. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 232-239.	6.4	9
85	Effect of short-term transcutaneous trigeminal nerve stimulation on EEG activity in drug-resistant epilepsy. <i>Journal of the Neurological Sciences</i> , 2019, 400, 90-96.	0.6	9
86	An EEG computerized system for the evaluation of hypnotic drugs. <i>International Journal of Psychophysiology</i> , 1992, 13, 291-297.	1.0	8
87	Sleep related vehicle accidents on Italian highways. <i>Giornale Italiano Di Medicina Del Lavoro Ed Ergonomia</i> , 2001, 23, 430-4.	0.3	8
88	Evaluation of cerebral blood flow data in stroke patients using a mapping system.. <i>Stroke</i> , 1989, 20, 1182-1189.	2.0	7
89	Factor structure and ammonia-related modulation of the human retinal oscillatory potentials. <i>Clinical Neurophysiology</i> , 2001, 112, 344-350.	1.5	6
90	Development and validation of the Maugeri Sleep Quality and Distress Inventory (MaSQuDI-17). <i>PLoS ONE</i> , 2017, 12, e0180743.	2.5	5

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91	Does Postural Rigidity Decrease during REM Sleep without Atonia in Parkinson Disease?. Journal of Clinical Sleep Medicine, 2016, 12, 839-847.	2.6	4
92	Regional Cerebral Blood Flow Measurements Using the 133-Xenon Inhalation Method. , 1988, , 121-143.		4
93	Sleepiness in a population of Italian shiftwork policemen. Journal of Human Ergology, 2001, 30, 211-6.	0.1	4
94	The Short Cognitive Evaluation Battery in Cognitive Disorders of the Elderly â€“ Italian Version. Dementia and Geriatric Cognitive Disorders, 2012, 33, 255-265.	1.5	3
95	Circadian Sleep Propensity and Alcohol Interaction at the Wheel. Journal of Clinical Sleep Medicine, 2016, 12, 1011-1017.	2.6	3
96	Prophylactic Naps Can Reduce Car Accidents Risk in Shift-Workers. , 2005, , 471-484.		2
97	Periodic limb movements both in non-REM and REM sleep. A response to Drs. Manconi, Ferri and Ferini-Strambi. Clinical Neurophysiology, 2009, 120, 1995-1997.	1.5	0