

# Fabrizio De Carli

## List of Publications by Year in descending order

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97  
papers

3,984  
citations

81743

39  
h-index

138251

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.   | 1.5 | 154       |
| 2  | Dissociated wake-like and sleep-like electro-cortical activity during sleep. <i>NeuroImage</i> , 2011, 58, 612-619.   | 2.1 | 139       |
| 3  | Regional cerebral blood flow in chronic hypertension. A correlative study.. <i>Stroke</i> , 1993, 24, 1148-1153.  | 1.0 | 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.   | 0.6 | 97        |
| 5  | Changes in cerebral and autonomic activity heralding periodic limb movements in sleep. <i>Sleep Medicine</i> , 2004, 5, 407-412.  | 0.8 | 92        |
| 6  | Hippocampal sleep spindles preceding neocortical sleep onset in humans. <i>NeuroImage</i> , 2014, 86, 425-432.  | 2.1 | 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.   | 0.6 | 87        |
| 8  | Local aspects of sleep. <i>Progress in Brain Research</i> , 2012, 199, 219-232.   | 0.9 | 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.     | 3.3 | 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. | 1.4 | 85        |
| 11 | Cognitiveâ€nigrostriatal relationships in de novo, drugâ€naÃ¬ve Parkinson's disease patients: A [â€123I]FPâ€CIT SPECT study. <i>Movement Disorders</i> , 2010, 25, 35-43.   | 2.2 | 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.   | 3.3 | 83        |
| 13 | CAP and arousals are involved in the homeostatic and ultradian sleep processes. <i>Journal of Sleep Research</i> , 2005, 14, 359-368.   | 1.7 | 81        |
| 14 | Quantitative EEG Changes in Alzheimer Patients during Long-Term Donepezil Therapy. <i>Neuropsychobiology</i> , 2002, 46, 49-56.   | 0.9 | 77        |
| 15 | Quantitative analysis of sleep EEG microstructure in the timeâ€frequency domain. <i>Brain Research Bulletin</i> , 2004, 63, 399-405.  | 1.4 | 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.                     | 0.9 | 74        |
| 17 | Morning increase of whole blood viscosity in obstructive sleep apnea syndrome. <i>Clinical Hemorheology and Microcirculation</i> , 2000, 22, 21-7.  | 0.9 | 71        |
| 18 | A Method for the Automatic Detection of Arousals During Sleep. <i>Sleep</i> , 1999, 22, 561-572.  | 0.6 | 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.                      | 0.7 | 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.                        | 1.2 | 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. | 0.7 | 66        |
| 22 | Nigro-caudate dopaminergic deafferentation: a marker of REM sleep behavior disorder?. <i>Neurobiology of Aging</i> , 2015, 36, 3300-3305.  | 1.5 | 63        |
| 23 | Activation of the motor cortex during phasic rapid eye movement sleep. <i>Annals of Neurology</i> , 2016, 79, 326-330.   | 2.8 | 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.   | 0.6 | 62        |
| 25 | Sleep in the Human Hippocampus: A Stereo-EEG Study. <i>PLoS ONE</i> , 2007, 2, e867.   | 1.1 | 60        |
| 26 | The Contributing Role of Sleepiness in Highway Vehicle Accidents. <i>Sleep</i> , 2001, 24, 201-206.  | 0.6 | 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.                                 | 1.1 | 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.  | 3.8 | 56        |
| 29 | Brain SPECT in subtypes of mild cognitive impairment. <i>Journal of Neurology</i> , 2008, 255, 1344-1353.  | 1.8 | 54        |
| 30 | Slow EEG rhythms and inter-hemispheric synchronization across sleep and wakefulness in the human hippocampus. <i>NeuroImage</i> , 2012, 60, 497-504.   | 2.1 | 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.   | 0.7 | 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.   | 0.7 | 49        |
| 33 | An updated Italian normative dataset for the Stroop color word test (SCWT). <i>Neurological Sciences</i> , 2016, 37, 365-372.  | 0.9 | 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.   | 0.8 | 45        |
| 35 | Modulation of sleep interictal epileptiform discharges in partial epilepsy of childhood. <i>Clinical Neurophysiology</i> , 1999, 110, 839-845.   | 0.7 | 44        |
| 36 | Prediction of cognitive worsening in de novo Parkinson's disease: Clinical use of biomarkers. <i>Movement Disorders</i> , 2017, 32, 1738-1747.   | 2.2 | 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.   | 1.2 | 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.                                   | 1.7 | 42        |
| 39 | Progressive Disintegration of Brain Networking from Normal Aging to Alzheimer Disease: Analysis of Independent Components of <sup>18</sup> F-FDG PET Data. Journal of Nuclear Medicine, 2017, 58, 1132-1139. | 2.8 | 41        |
| 40 | Metabolic spatial connectivity in amyotrophic lateral sclerosis as revealed by independent component analysis. Human Brain Mapping, 2016, 37, 942-953.   | 1.9 | 40        |
| 41 | Sleepiness and sleep disorders in shift workers: a study on a group of italian police officers. Sleep, 2002, 25, 648-53.   | 0.6 | 40        |
| 42 | Procedural learning and sleep hippocampal low frequencies in humans. NeuroImage, 2008, 42, 911-918.  | 2.1 | 39        |
| 43 | Periodic limb movements both in non-REM and REM sleep: Relationships between cerebral and autonomic activities. Clinical Neurophysiology, 2009, 120, 1282-1290.  | 0.7 | 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.   | 1.2 | 39        |
| 45 | The contributing role of sleepiness in highway vehicle accidents. Sleep, 2001, 24, 203-6.  | 0.6 | 39        |
| 46 | Regional cerebral blood flow in chronic stroke patients.. Stroke, 1993, 24, 94-99.   | 1.0 | 37        |
| 47 | The Role of the Serotonergic System in REM Sleep Behavior Disorder. Sleep, 2015, 38, 1505-1509.  | 0.6 | 36        |
| 48 | A quantified analysis of sleep electroencephalography in anorectic adolescents. Biological Psychiatry, 1999, 45, 771-775.  | 0.7 | 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.  | 0.7 | 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.   | 1.4 | 34        |
| 51 | What predicts cognitive decline in de novo Parkinson's disease?. Neurobiology of Aging, 2012, 33, 1127.e11-1127.e20.   | 1.5 | 34        |
| 52 | Sleepiness and Sleep Disorders in Shift Workers: A Study on a Group of Italian Police Officers. Sleep, 2002, , .   | 0.6 | 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.                         | 3.3 | 32        |
| 54 | Modifications of sleep EEG induced by chronic vagus nerve stimulation in patients affected by refractory epilepsy. Clinical Neurophysiology, 2004, 115, 658-664.   | 0.7 | 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.   | 2.6 | 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.   | 2.4 | 29        |
| 58 | <sup>18</sup> F-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. | 3.3 | 29        |
| 59 | A Model-Based Approach to Homeostatic and Ultradian Aspects of Nocturnal Sleep Structure in Narcolepsy. <i>Sleep</i> , 2007, 30, 157-165.   | 0.6 | 28        |
| 60 | Utility of quantitative EEG in early Lewy body disease. <i>Parkinsonism and Related Disorders</i> , 2020, 75, 70-75.  | 1.1 | 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.  | 0.7 | 26        |
| 62 | Neurophysiological correlates of sleep leg movements in acute spinal cord injury. <i>Clinical Neurophysiology</i> , 2015, 126, 333-338.   | 0.7 | 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.  | 0.8 | 23        |
| 64 | Impairment of the Production of Delta Sleep in Anorectic Adolescents. <i>Sleep</i> , 2004, 27, 1553-1559.   | 0.6 | 23        |
| 65 | Brain <sup>18</sup> F-DOPA PET and cognition in de novo Parkinson's disease. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 1062-1070.   | 3.3 | 23        |
| 66 | Neuroimaging findings and clinical trajectories of Lewy body disease in patients with MCI. <i>Neurobiology of Aging</i> , 2019, 76, 9-17.   | 1.5 | 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.  | 0.9 | 21        |
| 68 | Parkinson's Disease Sleep Scale 2: application in an Italian population. <i>Neurological Sciences</i> , 2016, 37, 283-288.  | 0.9 | 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.                | 3.3 | 20        |
| 71 | Sleep apnea and periodic leg movements in the first year after spinal cord injury. <i>Sleep Medicine</i> , 2015, 16, 59-66.   | 0.8 | 19        |
| 72 | The fate of patients with REM sleep behavior disorder and mild cognitive impairment. <i>Sleep Medicine</i> , 2021, 79, 205-210.   | 0.8 | 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.   | 3.8 | 17        |
| 74 | Temporal relationship of generalized epileptiform discharges to spindle frequency activity in childhood absence epilepsy. <i>Clinical Neurophysiology</i> , 2001, 112, 1912-1916.   | 0.7 | 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.  | 1.2 | 14        |
| 76 | Regional cerebral blood flow asymmetries in a group of 189 normal subjects at rest. <i>Brain Topography</i> , 1991, 4, 57-63.   | 0.8 | 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.  | 0.7 | 13        |
| 78 | Language use affects proficiency in Italian-Spanish bilinguals irrespective of age of second language acquisition. <i>Bilingualism</i> , 2015, 18, 324-339.   | 1.0 | 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.  | 2.9 | 12        |
| 80 | Factor structure of the human gamma band oscillatory response to visual (contrast) stimulation. <i>Clinical Neurophysiology</i> , 2004, 115, 1669-1676.   | 0.7 | 11        |
| 81 | Effects of acute trigeminal nerve stimulation on rest EEG activity in healthy adults. <i>Experimental Brain Research</i> , 2018, 236, 2839-2845.  | 0.7 | 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.  | 1.5 | 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.   | 0.8 | 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. | 3.3 | 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.  | 0.3 | 9         |
| 86 | An EEG computerized system for the evaluation of hypnotic drugs. <i>International Journal of Psychophysiology</i> , 1992, 13, 291-297.  | 0.5 | 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.  | 1.0 | 7         |
| 89 | Factor structure and ammonia-related modulation of the human retinal oscillatory potentials. <i>Clinical Neurophysiology</i> , 2001, 112, 344-350.  | 0.7 | 6         |
| 90 | Development and validation of the Maugeri Sleep Quality and Distress Inventory (MaSQuDI-17). <i>PLoS ONE</i> , 2017, 12, e0180743.  | 1.1 | 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.                    | 1.4 | 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. | 0.7 | 3         |
| 95 | Circadian Sleep Propensity and Alcohol Interaction at the Wheel. Journal of Clinical Sleep Medicine, 2016, 12, 1011-1017.  | 1.4 | 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.     | 0.7 | 0         |