

Ricardo S Osorio

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

7,412
citations

117453

34
h-index

58464

82
g-index

123
all docs

123
docs citations

123
times ranked

9960
citing authors

#	ARTICLE	IF	CITATIONS
1	A conceptual framework for research on subjective cognitive decline in preclinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2014, 10, 844-852.	0.4	1,863
2	Clearance systems in the brain—implications for Alzheimer disease. <i>Nature Reviews Neurology</i> , 2015, 11, 457-470.	4.9	1,127
3	Sleep-disordered breathing advances cognitive decline in the elderly. <i>Neurology</i> , 2015, 84, 1964-1971.	1.5	313
4	Neuropsychiatric signs and symptoms of Alzheimer's disease: New treatment paradigms. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 440-449.	1.8	240
5	Mediterranean diet and 3-year Alzheimer brain biomarker changes in middle-aged adults. <i>Neurology</i> , 2018, 90, e1789-e1798.	1.5	186
6	Obstructive sleep apnea, cognition and Alzheimer's disease: A systematic review integrating three decades of multidisciplinary research. <i>Sleep Medicine Reviews</i> , 2020, 50, 101250.	3.8	182
7	Sex differences in Alzheimer risk. <i>Neurology</i> , 2017, 89, 1382-1390.	1.5	177
8	Obstructive Sleep Apnea Severity Affects Amyloid Burden in Cognitively Normal Elderly. A Longitudinal Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 933-943.	2.5	174
9	Clinical and biomarker changes of Alzheimer's disease in adults with Down syndrome: a cross-sectional study. <i>Lancet</i> , 2020, 395, 1988-1997.	6.3	164
10	Cerebrospinal Fluid Clearance in Alzheimer Disease Measured with Dynamic PET. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1471-1476.	2.8	161
11	Candidate mechanisms underlying the association between sleep-wake disruptions and Alzheimer's disease. <i>Sleep Medicine Reviews</i> , 2017, 31, 102-111.	3.8	149
12	Reduced Slow-Wave Sleep Is Associated with High Cerebrospinal Fluid A β 42 Levels in Cognitively Normal Elderly. <i>Sleep</i> , 2016, 39, 2041-2048.	0.6	140
13	GREATER RISK OF ALZHEIMER'S DISEASE IN OLDER ADULTS WITH INSOMNIA. <i>Journal of the American Geriatrics Society</i> , 2011, 59, 559-562.	1.3	139
14	Functional reorganization in obstructive sleep apnoea and insomnia: A systematic review of the resting-state fMRI. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 77, 219-231.	2.9	134
15	The Relationship between Obstructive Sleep Apnea and Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S255-S270.	1.2	128
16	Obstructive sleep apnea and longitudinal Alzheimer's disease biomarker changes. <i>Sleep</i> , 2019, 42, .	0.6	113
17	The interaction between sleep-disordered breathing and apolipoprotein E genotype on cerebrospinal fluid biomarkers for Alzheimer's disease in cognitively normal elderly individuals. <i>Neurobiology of Aging</i> , 2014, 35, 1318-1324.	1.5	109
18	Alzheimer's disease cerebrospinal fluid biomarker in cognitively normal subjects. <i>Brain</i> , 2015, 138, 2701-2715.	3.7	109

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19	Perimenopause and emergence of an Alzheimer's bioenergetic phenotype in brain and periphery. PLoS ONE, 2017, 12, e0185926.	1.1	95
20	Obstructive Sleep Apnea and the Risk of Cognitive Decline in Older Adults. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 142-148.	2.5	88
21	Effects of aging on slow-wave sleep dynamics and human spatial navigational memory consolidation. Neurobiology of Aging, 2016, 42, 142-149.	1.5	80
22	Nutrient intake and brain biomarkers of Alzheimer's disease in at-risk cognitively normal individuals: a cross-sectional neuroimaging pilot study. BMJ Open, 2014, 4, e004850-e004850.	0.8	66
23	Blood pressure decrease correlates with tau pathology and memory decline in hypertensive elderly. Neurobiology of Aging, 2014, 35, 64-71.	1.5	66
24	Measures of resting state EEG rhythms for clinical trials in Alzheimer's disease: Recommendations of an expert panel. Alzheimer's and Dementia, 2021, 17, 1528-1553.	0.4	64
25	Biomarkers of dementia in obstructive sleep apnea. Sleep Medicine Reviews, 2018, 42, 139-148.	3.8	63
26	Sleep oscillation-specific associations with Alzheimer's disease CSF biomarkers: novel roles for sleep spindles and tau. Molecular Neurodegeneration, 2019, 14, 10.	4.4	61
27	Lifestyle and vascular risk effects on MRI-based biomarkers of Alzheimer's disease: a cross-sectional study of middle-aged adults from the broader New York City area. BMJ Open, 2018, 8, e019362.	0.8	58
28	Obstructive Sleep Apnea and Its Treatment in Aging: Effects on Alzheimer's disease Biomarkers, Cognition, Brain Structure and Neurophysiology. Neurobiology of Disease, 2020, 145, 105054.	2.1	57
29	Prevalence of Sleep Disorders in Adults With Down Syndrome: A Comparative Study of Self-Reported, Actigraphic, and Polysomnographic Findings. Journal of Clinical Sleep Medicine, 2018, 14, 1725-1733.	1.4	56
30	Apnea-Induced Rapid Eye Movement Sleep Disruption Impairs Human Spatial Navigational Memory. Journal of Neuroscience, 2014, 34, 14571-14577.	1.7	54
31	Diffusion MRI biomarkers of white matter microstructure vary nonmonotonically with increasing cerebral amyloid deposition. Neurobiology of Aging, 2020, 89, 118-128.	1.5	48
32	Brain imaging of cognitively normal individuals with 2 parents affected by late-onset AD. Neurology, 2014, 82, 752-760.	1.5	44
33	Orexin-A is Associated with Increases in Cerebrospinal Fluid Phosphorylated-Tau in Cognitively Normal Elderly Subjects. Sleep, 2016, 39, 1253-1260.	0.6	44
34	The nonlinear relationship between cerebrospinal fluid A β 242 and tau in preclinical Alzheimer's disease. PLoS ONE, 2018, 13, e0191240.	1.1	41
35	The prevalence of obstructive sleep apnea in mild cognitive impairment: a systematic review. BMC Neurology, 2019, 19, 195.	0.8	39
36	Different Relationship Between Systolic Blood Pressure and Cerebral Perfusion in Subjects With and Without Hypertension. Hypertension, 2019, 73, 197-205.	1.3	39

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37	A deep learning approach for real-time detection of sleep spindles. <i>Journal of Neural Engineering</i> , 2019, 16, 036004.	1.8	38
38	Greater Specificity for Cerebrospinal Fluid P-tau231 over P-tau181 in the Differentiation of Healthy Controls from Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 93-100.	1.2	35
39	Opportunities, barriers, and recommendations in Down syndrome research. <i>Translational Science of Rare Diseases</i> , 2021, 5, 99-129.	1.6	33
40	Association of Apolipoprotein E ϵ 4 Allele With Clinical and Multimodal Biomarker Changes of Alzheimer Disease in Adults With Down Syndrome. <i>JAMA Neurology</i> , 2021, 78, 937.	4.5	32
41	FDG and Amyloid PET in Cognitively Normal Individuals at Risk for Late-Onset Alzheimer's Disease. <i>Advances in Molecular Imaging</i> , 2014, 04, 15-26.	0.3	31
42	Associations of lifestyle and vascular risk factors with Alzheimer's brain biomarker changes during middle age: a 3-year longitudinal study in the broader New York City area. <i>BMJ Open</i> , 2018, 8, e023664.	0.8	30
43	Role of normal sleep and sleep apnea in human memory processing. <i>Nature and Science of Sleep</i> , 2018, Volume 10, 255-269.	1.4	30
44	Soluble Amyloid- β Levels and Late-Life Depression. <i>Current Pharmaceutical Design</i> , 2014, 20, 2547-2554.	0.9	28
45	Structural correlates of apathy in Alzheimer's disease: a multimodal MRI study. <i>International Journal of Geriatric Psychiatry</i> , 2017, 32, 922-930.	1.3	27
46	Basal forebrain septal nuclei are enlarged in healthy subjects prior to the development of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 65, 201-205.	1.5	25
47	Gray matter volume and estimated brain age gap are not linked with <i>sleep-disordered breathing</i> . <i>Human Brain Mapping</i> , 2020, 41, 3034-3044.	1.9	25
48	Effects of vascular risk factors, statins, and antihypertensive drugs on PiB deposition in cognitively normal subjects. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 95-104.	1.2	24
49	Insulin resistance among obese middle-aged is associated with decreased cerebrovascular reactivity. <i>Neurology</i> , 2017, 89, 249-255.	1.5	24
50	Self-reported obstructive sleep apnea, amyloid and tau burden, and Alzheimer's disease time-dependent progression. <i>Alzheimer's and Dementia</i> , 2021, 17, 226-245.	0.4	23
51	Multichannel sleep spindle detection using sparse low-rank optimization. <i>Journal of Neuroscience Methods</i> , 2017, 288, 1-16.	1.3	22
52	Cerebral white matter diffusion properties and free water with obstructive sleep apnea severity in older adults. <i>Human Brain Mapping</i> , 2020, 41, 2686-2701.	1.9	21
53	ENIGMA-Sleep: Challenges, opportunities, and the road map. <i>Journal of Sleep Research</i> , 2021, 30, e13347.	1.7	19
54	The Neutrophil to Lymphocyte Ratio Is Associated With the Risk of Subsequent Dementia in the Framingham Heart Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 773984.	1.7	19

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55	State-dependent alterations in cerebrospinal fluid A β 242 levels in cognitively intact elderly with late-life major depression. <i>NeuroReport</i> , 2016, 27, 1068-1071.	0.6	18
56	An effective environmental intervention for management of the "mirror sign"™ in a case of probable Lewy body dementia. <i>Neurocase</i> , 2013, 19, 1-13.	0.2	16
57	A Novel Rating Scale for the Measurement of Apathy in Institutionalized Persons with Dementia: The APADEM-NH. <i>American Journal of Geriatric Psychiatry</i> , 2015, 23, 149-159.	0.6	16
58	Contribution of pulmonary diseases to COVID-19 mortality in a diverse urban community of New York. <i>Chronic Respiratory Disease</i> , 2021, 18, 147997312098680.	1.0	15
59	Promoting Research in Advanced Dementia: Early Clinical Results of the Alzheimer Center Reina Sofía Foundation. <i>Journal of Alzheimer's Disease</i> , 2012, 28, 211-222.	1.2	14
60	Alterations in EEG connectivity in healthy young adults provide an indicator of sleep depth. <i>Sleep</i> , 2019, 42, .	0.6	13
61	Endotyping Sleep Apnea One Breath at a Time: An Automated Approach for Separating Obstructive from Central Sleep-disordered Breathing. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 1452-1462.	2.5	12
62	Sleep apnoea in the elderly: a great challenge for the future. <i>European Respiratory Journal</i> , 2022, 59, 2101649.	3.1	12
63	Nocturnal Hypoxemia Is Associated with Altered Parahippocampal Functional Brain Connectivity in Older Adults at Risk for Dementia. <i>Journal of Alzheimer's Disease</i> , 2020, 73, 571-584.	1.2	10
64	Evidence of upregulation of the cholinergic anti-inflammatory pathway in late-life depression. <i>Journal of Affective Disorders</i> , 2021, 286, 275-281.	2.0	9
65	Effects of obstructive sleep apnea on human spatial navigational memory processing in cognitively normal older individuals. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 939-948.	1.4	8
66	Potential long-term effect of tumor necrosis factor inhibitors on dementia risk: A propensity score matched retrospective cohort study in US veterans. <i>Alzheimer's and Dementia</i> , 2022, 18, 1248-1259.	0.4	7
67	Obesity and Race May Explain Differential Burden of White Matter Hyperintensity Load. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 1563-1571.	1.3	6
68	Interactive Associations of Neuropsychiatry Inventory-Questionnaire Assessed Sleep Disturbance and Vascular Risk on Alzheimer's Disease Stage Progression in Clinically Normal Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 763264.	1.7	6
69	Association of CSF sTREM2, a marker of microglia activation, with cholinergic basal forebrain volume in major depressive disorder. <i>Journal of Affective Disorders</i> , 2021, 293, 429-434.	2.0	5
70	Plasma tau predicts cerebral vulnerability in aging. <i>Aging</i> , 2020, 12, 21004-21022.	1.4	5
71	Precisely-Measured Hydration Status Correlates with Hippocampal Volume in Healthy Older Adults. <i>American Journal of Geriatric Psychiatry</i> , 2019, 27, 653-654.	0.6	4
72	Clinical Trajectories of Neuropsychiatric Symptoms in Mild-Moderate to Advanced Dementia. <i>Journal of Alzheimer's Disease</i> , 2022, 86, 861-875.	1.2	4

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73	[P3â€“133]: DIFFERENTIAL VALUE OF PLASMA TAU AS A BIOMARKER FOR ALZHEIMER'S DISEASE AND CHRONIC TRAUMATIC BRAIN INJURY. Alzheimer's and Dementia, 2017, 13, P1307.	0.4	3
74	Association between lower body temperature and increased tau pathology in cognitively normal older adults. Neurobiology of Disease, 2022, 171, 105748.	2.1	3
75	[P3â€“191]: SLEEP PROBLEMS AND CHANGES IN AD BIOMARKERS ARE PREDICTIVE OF PERSONS WHO ULTIMATELY DEVELOP AD: FINDINGS FROM SUBGROUP METAâ€“ANALYSIS ON SLEEP AND ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2017, 13, P1007.	0.4	1
76	[P3â€“192]: EFFECT OF OBSTRUCTIVE SLEEP APNEA (OSA) ON RATE OF CHANGE OF AD BIOMARKERS IN COGNITIVELY NORMAL, MCI AND AD ELDERLY: FINDINGS FROM THE ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE (ADNI) COHORT. Alzheimer's and Dementia, 2017, 13, P1008.	0.4	1
77	P1â€“287: SLOW WAVE SLEEP DECREASE IS ASSOCIATED WITH INCREASED LEVELS OF CSF AÎ²42 IN COGNITIVELY NORMAL OLDER ADULTS. Alzheimer's and Dementia, 2018, 14, P395.	0.4	1
78	0302 Interactive Associations of Obstructive Sleep Apnea and Î²-Amyloid Burden among Clinically Normal and Mild Cognitive Impairment Elderly Individuals: An examination of conversion risk. Sleep, 2019, 42, A123-A123.	0.6	1
79	Impact of MRâ€“guided PET reconstruction on tau detection and quantification with [18 F]â€“MKâ€“6240. Alzheimer's and Dementia, 2020, 16, e037977.	0.4	1
80	0275 Effect of acutely induced severe OSA on AD plasma biomarkers. Sleep, 2022, 45, A124-A124.	0.6	1
81	P4-092: SLEEP DISORDERED BREATHING IN THE ELDERLY AND RISK FOR ALZHEIMER'S DISEASE USING FDG-PET. , 2014, 10, P818-P818.		0
82	P4-180: CSF AÎ²42 levels may increase due to age-dependent slow-wave sleep loss prior to amyloid deposition in humans. , 2015, 11, P848-P848.		0
83	P4-255: Normotensive elderly with white matter lesions: A group at risk for Alzheimer's disease. , 2015, 11, P879-P879.		0
84	[ICâ€“Pâ€“131]: EFFECT OF OBSTRUCTIVE SLEEP APNEA (OSA) ON RATE OF CHANGE OF AD BIOMARKERS IN COGNITIVE NORMAL, MCI AND AD ELDERLY: FINDINGS FROM THE ALZHEIMER'S DISEASE NEUROIMAGING INITIATIVE (ADNI) COHORT. Alzheimer's and Dementia, 2017, 13, P99.	0.4	0
85	[O2â€“04â€“05]: IN COGNITIVELY NORMAL ELDERLY, INCREASED CSF Pâ€“TAU IS ASSOCIATED WITH REDUCED SPINDLE FREQUENCY AND DENSITY IN STAGE 2 NREM SLEEP. Alzheimer's and Dementia, 2017, 13, P559.	0.4	0
86	O1â€“1â€“01: OBSTRUCTIVE SLEEP APNEA, BRAIN BETAâ€“AMYLOID MEASURES AND TIMEâ€“TOâ€“PROGRESSION FROM MILD COGNITIVE IMPAIRMENT TO ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P246.	0.4	0
87	P1â€“269: SLEEP DISORDERED BREATHING AND BRAIN BETAâ€“AMYLOID BOTH PREDICT TIMEâ€“TOâ€“PROGRESSION FROM COGNITIVE NORMAL TO MILD COGNITIVE IMPAIRMENT WITH BRAIN BETAâ€“AMYLOID MODIFYING THE PROGRESSION RISK. Alzheimer's and Dementia, 2018, 14, P384.	0.4	0
88	ICâ€“Pâ€“002: OBSTRUCTIVE SLEEP APNEA, BRAIN BETAâ€“AMYLOID MEASURES AND TIMEâ€“TOâ€“PROGRESSION FROM MILD COGNITIVE IMPAIRMENT TO ALZHEIMER'S DISEASE. Alzheimer's and Dementia, 2018, 14, P15.	0.4	0
89	ICâ€“Pâ€“154: SLEEP DISORDERED BREATHING AND BRAIN BETAâ€“AMYLOID BOTH PREDICT TIMEâ€“TOâ€“PROGRESSION FROM NORMAL COGNITION TO MILD COGNITIVE IMPAIRMENT WITH BRAIN BETAâ€“AMYLOID MODIFYING THE PROGRESSION RISK. Alzheimer's and Dementia, 2018, 14, P130.	0.4	0
90	P2â€“074: IMPAIRED CSF CLEARANCE AND BRAIN AMYLOID IN ALZHEIMER'S DISEASE: A MULTIâ€“TRACER PET STUDY. Alzheimer's and Dementia, 2018, 14, P695.	0.4	0

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91	P2â€¹28: DECREASED TOTAL SLEEP TIME IN AMYLOID NEGATIVE APOE4 CARRIERS: A NEW CLINICAL ENDOPHENOTYPE?. Alzheimer's and Dementia, 2018, 14, P717.	0.4	0
92	0293 Effects of Obstructive Sleep Apnea on Human Spatial Navigational Memory Processing in Cognitively Normal Older Adults. Sleep, 2019, 42, A120-A120.	0.6	0
93	ICâ€¹18: Î²ETAâ€¹AMYLOID BURDEN MODIFIES CONVERSION RISK IN CLINICALLY NORMAL AND MILD COGNITIVE IMPAIRMENT OBSTRUCTIVE SLEEP APNEA ELDERLY INDIVIDUALS. Alzheimer's and Dementia, 2019, 15, P100.	0.4	0
94	0706 Examining Sleeping Medication And Insomnia Symptoms By Cognitive Impairment Among Older Americans In The U.S. Using The National Health And Aging Trends Study. Sleep, 2019, 42, A283-A283.	0.6	0
95	0960 Interactive Associations of Obstructive Sleep Apnea and Hypertension with longitudinal changes in Î²-Amyloid Burden and Cognitive Decline in Clinically Normal Elderly Individuals. Sleep, 2019, 42, A386-A386.	0.6	0
96	Interactive associations of nocturnal sleep disturbance and vascular risk with prospective cognitive decline in clinically normal elderly individuals: Findings from the National Alzheimer's Coordinating Center Uniform Data Set. Alzheimer's and Dementia, 2020, 16, e044904.	0.4	0
97	Characterization of older, cognitively normal obstructive sleep apnea patients at risk of prospective cognitive decline using the NIAâ€¹AA Research Framework. Alzheimer's and Dementia, 2020, 16, e044942.	0.4	0
98	684 Contribution of Pulmonary Diseases to COVID-19 Mortality in a Diverse Community of New York City. Sleep, 2021, 44, A267-A267.	0.6	0
99	703 From in-lab to at-home: Measuring sleep and memory in the time of SARS-COVID-19. Sleep, 2021, 44, A274-A275.	0.6	0
100	791 Association of Obstructive Sleep Apnea Severity and Novel Plasma Biomarkers of Alzheimerâ€¹s Disease Pathology. Sleep, 2021, 44, A308-A308.	0.6	0
101	A multimodal study on the effect of sex on Alzheimer's disease clinical and biomarker changes in adults with Down syndrome. Alzheimer's and Dementia, 2021, 17, .	0.4	0
102	Effects of blood pressure on white matter lesions and brain volumes in hypertensive and normotensive subjects.. Alzheimer's and Dementia, 2021, 17 Suppl 3, e053826.	0.4	0
103	0734 Examining the diagnostic validity of the WatchPAT in a preliminary sample of cognitive normal Black/African-American older adults. Sleep, 2022, 45, A320-A321.	0.6	0
104	0645 Associations of Objective Sleep Parameters and Gray Matter Microstructure in community dwelling cognitive normal older adults. Sleep, 2022, 45, A283-A284.	0.6	0