

Diego Robles Mazzotti

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

2,782
citations

236612

25
h-index

205818

48
g-index

90
all docs

90
docs citations

90
times ranked

4975
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association analyses of chronotype in 697,828 individuals provides insights into circadian rhythms. <i>Nature Communications</i> , 2019, 10, 343.	5.8	417
2	Symptom Subtypes of Obstructive Sleep Apnea Predict Incidence of Cardiovascular Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 493-506.	2.5	290
3	Estimating sleep parameters using an accelerometer without sleep diary. <i>Scientific Reports</i> , 2018, 8, 12975.	1.6	269
4	Genetic studies of accelerometer-based sleep measures yield new insights into human sleep behaviour. <i>Nature Communications</i> , 2019, 10, 1585.	5.8	189
5	Characterizing Long COVID: Deep Phenotype of a Complex Condition. <i>EBioMedicine</i> , 2021, 74, 103722.	2.7	127
6	Prevalence and correlates for sleep complaints in older adults in low and middle income countries: A 10/66 Dementia Research Group study. <i>Sleep Medicine</i> , 2012, 13, 697-702.	0.8	73
7	The role inflammatory response genes in obstructive sleep apnea syndrome: a review. <i>Sleep and Breathing</i> , 2016, 20, 331-338.	0.9	73
8	Reinventing polysomnography in the age of precision medicine. <i>Sleep Medicine Reviews</i> , 2020, 52, 101313.	3.8	57
9	Sleep classification from wrist-worn accelerometer data using random forests. <i>Scientific Reports</i> , 2021, 11, 24.	1.6	51
10	Association Between Uric Acid Levels and Obstructive Sleep Apnea Syndrome in a Large Epidemiological Sample. <i>PLoS ONE</i> , 2013, 8, e66891.	1.1	50
11	Human longevity is associated with regular sleep patterns, maintenance of slow wave sleep, and favorable lipid profile. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 134.	1.7	49
12	A Global Comparison of Anatomic Risk Factors and Their Relationship to Obstructive Sleep Apnea Severity in Clinical Samples. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 629-639.	1.4	49
13	Apolipoprotein A1 gene polymorphisms as risk factors for hypertension and obesity. <i>Clinical and Experimental Medicine</i> , 2009, 9, 319-325.	1.9	47
14	Enoxacin extends lifespan of <i>C. elegans</i> by inhibiting miR-34-5p and promoting mitohormesis. <i>Redox Biology</i> , 2018, 18, 84-92.	3.9	44
15	Exercise training restores the cardiac microRNA-1 and μ 214 levels regulating Ca ²⁺ handling after myocardial infarction. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 166.	0.7	43
16	Telomere length as a marker of sleep loss and sleep disturbances: a potential link between sleep and cellular senescence. <i>Sleep Medicine</i> , 2015, 16, 559-563.	0.8	41
17	Adenosine Deaminase Polymorphism Affects Sleep EEG Spectral Power in a Large Epidemiological Sample. <i>PLoS ONE</i> , 2012, 7, e44154.	1.1	38
18	Whole blood genome-wide gene expression profile in males after prolonged wakefulness and sleep recovery. <i>Physiological Genomics</i> , 2012, 44, 1003-1012.	1.0	34

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19	Heart rate variability during wakefulness as a marker of obstructive sleep apnea severity. <i>Sleep</i> , 2021, 44, .	0.6	34
20	Effects of the Adenosine Deaminase Polymorphism and Caffeine Intake on Sleep Parameters in a Large Population Sample. <i>Sleep</i> , 2011, 34, 399-402.	0.6	30
21	Long Sleep Duration, Insomnia, and Insomnia With Short Objective Sleep Duration Are Independently Associated With Short Telomere Length. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 2037-2045.	1.4	30
22	Effect of <i>APOE</i> and <i>CHRNA7</i> Genotypes on the Cognitive Response to Cholinesterase Inhibitor Treatment at Different Stages of Alzheimer's Disease. <i>American Journal of Alzheimer's Disease and Other Dementias</i> , 2015, 30, 139-144.	0.9	29
23	Association of interleukin 1 β polymorphisms and haplotypes with Alzheimer's disease. <i>Journal of Neuroimmunology</i> , 2012, 247, 59-62.	1.1	28
24	Transcriptome Analysis of Mesenchymal Stem Cells from Multiple Myeloma Patients Reveals Downregulation of Genes Involved in Cell Cycle Progression, Immune Response, and Bone Metabolism. <i>Scientific Reports</i> , 2019, 9, 1056.	1.6	28
25	The effect of the severity of obstructive sleep apnea syndrome on telomere length. <i>Oncotarget</i> , 2016, 7, 69216-69224.	0.8	27
26	Catechol-O-methyltransferase (COMT) polymorphisms modulate working memory in individuals with schizophrenia and healthy controls. <i>Revista Brasileira De Psiquiatria</i> , 2017, 39, 302-308.	0.9	26
27	Shorter leukocyte telomere length in patients at ultra high risk for psychosis. <i>European Neuropsychopharmacology</i> , 2017, 27, 538-542.	0.3	25
28	Leukocyte telomere length variation in different stages of schizophrenia. <i>Journal of Psychiatric Research</i> , 2018, 96, 218-223.	1.5	25
29	Interleukin-1 β and interleukin-6 gene polymorphisms are associated with manifestations of sickle cell anemia. <i>Blood Cells, Molecules, and Diseases</i> , 2015, 54, 244-249.	0.6	24
30	Phenotypic contrasts of Duchenne Muscular Dystrophy in women: Two case reports. <i>Sleep Science</i> , 2016, 9, 129-133.	0.4	24
31	Opportunities for utilizing polysomnography signals to characterize obstructive sleep apnea subtypes and severity. <i>Physiological Measurement</i> , 2018, 39, 09TR01.	1.2	23
32	Characteristics and reproducibility of novel sleep EEG biomarkers and their variation with sleep apnea and insomnia in a large community-based cohort. <i>Sleep</i> , 2021, 44, .	0.6	22
33	Continuous positive airway pressure and adverse cardiovascular events in obstructive sleep apnea: are participants of randomized trials representative of sleep clinic patients?. <i>Sleep</i> , 2022, 45, .	0.6	22
34	Association of <i>PPAR</i> α gene polymorphisms and lipid serum levels in a Brazilian elderly population. <i>Experimental and Molecular Pathology</i> , 2010, 88, 197-201.	0.9	21
35	Interleukin-8-251T > a, interleukin-1 β -889C > t and apolipoprotein e polymorphisms in Alzheimer's disease. <i>Genetics and Molecular Biology</i> , 2011, 34, 1-5.	0.6	21
36	<i>APOA1/A5</i> Variants and Haplotypes as a Risk Factor for Obesity and Better Lipid Profiles in a Brazilian Elderly Cohort. <i>Lipids</i> , 2010, 45, 511-517.	0.7	18

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37	Association Between Interleukin 6 Gene Haplotype and Alzheimer's Disease: A Brazilian Case-Control Study. <i>Journal of Alzheimer's Disease</i> , 2013, 36, 733-738.	1.2	18
38	Characterization of genetic and phenotypic heterogeneity of obstructive sleep apnea using electronic health records. <i>BMC Medical Genomics</i> , 2020, 13, 105.	0.7	18
39	Whole blood hypoxia-related gene expression reveals novel pathways to obstructive sleep apnea in humans. <i>Respiratory Physiology and Neurobiology</i> , 2013, 189, 649-654.	0.7	17
40	Brain-derived neurotrophic factor gene polymorphism predicts interindividual variation in the sleep electroencephalogram. <i>Journal of Neuroscience Research</i> , 2014, 92, 1018-1023.	1.3	17
41	Longer and Deeper Desaturations Are Associated With the Worsening of Mild Sleep Apnea: The Sleep Heart Health Study. <i>Frontiers in Neuroscience</i> , 2021, 15, 657126.	1.4	17
42	The association between caffeine consumption and objective sleep variables is dependent on ADORA2A c.1083T>C genotypes. <i>Sleep Medicine</i> , 2017, 30, 210-215.	0.8	16
43	Symptom subtypes and risk of incident cardiovascular and cerebrovascular disease in a clinic-based obstructive sleep apnea cohort. <i>Journal of Clinical Sleep Medicine</i> , 2022, 18, 2093-2102.	1.4	16
44	The effects of sleep deprivation on microRNA expression in rats submitted to pilocarpine-induced status epilepticus. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2014, 51, 159-165.	2.5	15
45	Hormonal profile, the PROGINS polymorphism, and erectile dysfunction complaints: data from a population-based survey. <i>Fertility and Sterility</i> , 2011, 95, 621-624.	0.5	14
46	Association of APOE, GCPII and MMP9 polymorphisms with common diseases and lipid levels in an older adult/elderly cohort. <i>Gene</i> , 2014, 535, 370-375.	1.0	14
47	Defining Extreme Phenotypes of OSA Across International Sleep Centers. <i>Chest</i> , 2020, 158, 1187-1197.	0.4	14
48	Copy number variation analysis reveals additional variants contributing to endometriosis development. <i>Journal of Assisted Reproduction and Genetics</i> , 2017, 34, 117-124.	1.2	12
49	Short Communication Association of APOA1 and APOA5 polymorphisms and haplotypes with lipid parameters in a Brazilian elderly cohort. <i>Genetics and Molecular Research</i> , 2013, 12, 3495-3499.	0.3	11
50	Whole genome and exome sequencing realignment supports the assignment of KCNJ12, KCNJ17, and KCNJ18 paralogous genes in thyrotoxic periodic paralysis locus: functional characterization of two polymorphic Kir2.6 isoforms. <i>Molecular Genetics and Genomics</i> , 2016, 291, 1535-1544.	1.0	11
51	Diagnostic Performance of Machine Learning-Derived OSA Prediction Tools in Large Clinical and Community-Based Samples. <i>Chest</i> , 2022, 161, 807-817.	0.4	11
52	PPAR α polymorphisms as risk factors for dyslipidemia in a Brazilian population. <i>Molecular Genetics and Metabolism</i> , 2011, 102, 189-193.	0.5	10
53	Sex differences within symptom subtypes of mild obstructive sleep apnea. <i>Sleep Medicine</i> , 2021, 84, 253-258.	0.8	10
54	Apolipoprotein E polymorphisms and sleep quality in Obstructive Sleep Apnea Syndrome. <i>Clinica Chimica Acta</i> , 2011, 412, 2223-2227.	0.5	9

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55	Is the Epworth Sleepiness Scale Sufficient to Identify the Excessively Sleepy Subtype of OSA?. <i>Chest</i> , 2022, 161, 557-561.	0.4	9
56	Symptom subtypes and cognitive function in a clinic-based OSA cohort: a multi-centre Canadian study. <i>Sleep Medicine</i> , 2020, 74, 92-98.	0.8	8
57	Sleep and circadian informatics data harmonization: a workshop report from the Sleep Research Society and Sleep Research Network. <i>Sleep</i> , 2022, 45, .	0.6	8
58	The human leucocyte antigen <sc>DQB</sc>1*0602 allele is associated with electroencephelograph differences in individuals with obstructive sleep apnoea syndrome. <i>Journal of Sleep Research</i> , 2013, 22, 217-222.	1.7	7
59	Candidate gene analysis in the São Paulo Epidemiologic Sleep Study (EPISONO) shows an association of variant in PDE4D and sleepiness. <i>Sleep Medicine</i> , 2018, 47, 106-112.	0.8	7
60	CPAP Treatment and Cardiovascular Prevention. <i>Chest</i> , 2020, 157, 1046-1047.	0.4	7
61	Comprehensive Assessment of Copy Number Alterations Uncovers Recurrent AIFM3 and DLK1 Copy Gain in Medullary Thyroid Carcinoma. <i>Cancers</i> , 2021, 13, 218.	1.7	7
62	Diabetes and cardiovascular diseases are associated with the worsening of intermittent hypoxaemia. <i>Journal of Sleep Research</i> , 2021, , e13441.	1.7	7
63	Simple and Unbiased OSA Prescreening: Introduction of a New Morphologic OSA Prediction Score. <i>Nature and Science of Sleep</i> , 2021, Volume 13, 2039-2049.	1.4	7
64	Characterization of bimodal chronotype and its association with sleep: A population-based study. <i>Chronobiology International</i> , 2017, 34, 504-510.	0.9	6
65	Landscape of biomedical informatics standards and terminologies for clinical sleep medicine research: A systematic review. <i>Sleep Medicine Reviews</i> , 2021, 60, 101529.	3.8	6
66	Challenges in congenital central hypoventilation syndrome (Ondine's curse) on pregnancy: a case report. <i>Journal of Obstetrics and Gynaecology</i> , 2017, 37, 107-108.	0.4	5
67	Genes related to maintenance of autophagy and successful aging. <i>Arquivos De Neuro-Psiquiatria</i> , 2018, 76, 831-839.	0.3	4
68	DGCR2 influences cortical thickness through a mechanism independent of schizophrenia pathogenesis. <i>Psychiatry Research</i> , 2019, 274, 391-394.	1.7	4
69	Opportunities for Cardiovascular Benefits in Treating Obstructive Sleep Apnea in the Secondary Prevention Scenario. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1622-1624.	2.5	3
70	A single nucleotide polymorphism in the HOMER1 gene is associated with sleep latency and theta power in sleep electroencephalogram. <i>PLoS ONE</i> , 2020, 15, e0223632.	1.1	3
71	Obstructive Sleep Apnea Symptom Subtypes and Cardiovascular Risk: Conflicting Evidence to an Important Question. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 729-730.	2.5	2
72	A stepforward in understanding the association between social attainment and health disparities: Evidence from late life telomere length and educational level. <i>Brain, Behavior, and Immunity</i> , 2013, 27, 13-14.	2.0	1

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73	Reply to Hunasikatti commentary: Reinventing polysomnography in the age of precision medicine-Not at cost of discarding the hard data. <i>Sleep Medicine Reviews</i> , 2020, 54, 101373.	3.8	1
74	0453 CRANIOFACIAL PHOTOGRAPHIC MEASUREMENTS AND RELATIONSHIP TO OSA SEVERITY ACROSS FOUR ETHNIC GROUPS. <i>Sleep</i> , 2017, 40, A168-A169.	0.6	0
75	0683 ASSOCIATION BETWEEN, BIMODALITY INDEX, PER3 GENOTYPES, AGING AND SLEEPINESS IN A POPULATION BASED COHORT IN BRAZIL. <i>Sleep</i> , 2017, 40, A253-A253.	0.6	0
76	0482 PERFORMANCE OF AN INTERNATIONAL SYMPTOMLESS PREDICTION TOOL FOR OBSTRUCTIVE SLEEP APNEA USING ARTIFICIAL NEURAL NETWORK. <i>Sleep</i> , 2017, 40, A180-A180.	0.6	0
77	0460 DEFINING OSA EXTREME PHENOTYPES ACROSS THE WORLD: A SLEEP APNEA GLOBAL INTERDISCIPLINARY CONSORTIUM EFFORT. <i>Sleep</i> , 2017, 40, A172-A172.	0.6	0
78	0454 CRANIOFACIAL MEASUREMENTS COMBINED WITH PROPORTIONS OF GENETIC ANCESTRY ARE USEFUL TO INFORM OSA SEVERITY. <i>Sleep</i> , 2017, 40, A169-A169.	0.6	0
79	0613 POLYSOMNOGRAPHICAL AND NEUROPSYCHOLOGICAL DIFFERENCES BETWEEN APOE4 AND NON-APOE4 GROUPS: A PRELIMINARY STUDY. <i>Sleep</i> , 2017, 40, A227-A227.	0.6	0
80	0458 ANTHROPOMETRIC DIFFERENCES IN OSA ACROSS FOUR ETHNIC GROUPS IN OSA ACROSS FOUR ETHNIC GROUPS. <i>Sleep</i> , 2017, 40, A171-A171.	0.6	0
81	Effects of the interaction between genetic factors and maltreatment on child and adolescent psychiatric disorders. <i>Psychiatry Research</i> , 2019, 273, 575-577.	1.7	0
82	LEUKOCYTE TELOMERE LENGTH ANALYSIS IN CHILDREN AND ADOLESCENTS AT RISK OF DEVELOPING MENTAL DISORDERS. <i>European Neuropsychopharmacology</i> , 2019, 29, S931-S932.	0.3	0
83	Insomnia Symptoms With Subjective Short Sleep Duration in a Random Sample From the United Kingdom. <i>primary care companion for CNS disorders, The</i> , 2020, 22, .	0.2	0