

Ugo Faraguna

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4700761/publications.pdf>

Version: 2024-02-01

70
papers

3,685
citations

361413

20
h-index

149698

56
g-index

72
all docs

72
docs citations

72
times ranked

4088
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular and electrophysiological evidence for net synaptic potentiation in wake and depression in sleep. <i>Nature Neuroscience</i> , 2008, 11, 200-208.	14.8	693
2	Cortical Firing and Sleep Homeostasis. <i>Neuron</i> , 2009, 63, 865-878.	8.1	623
3	Intraneural stimulation elicits discrimination of textural features by artificial fingertip in intact and amputee humans. <i>ELife</i> , 2016, 5, e09148.	6.0	286
4	Sleep and waking modulate spine turnover in the adolescent mouse cortex. <i>Nature Neuroscience</i> , 2011, 14, 1418-1420.	14.8	267
5	A Causal Role for Brain-Derived Neurotrophic Factor in the Homeostatic Regulation of Sleep. <i>Journal of Neuroscience</i> , 2008, 28, 4088-4095.	3.6	250
6	Direct Evidence for Wake-Related Increases and Sleep-Related Decreases in Synaptic Strength in Rodent Cortex. <i>Journal of Neuroscience</i> , 2010, 30, 8671-8675.	3.6	197
7	Changes in brain gene expression after long-term sleep deprivation. <i>Journal of Neurochemistry</i> , 2006, 98, 1632-1645.	3.9	167
8	Effects of Skilled Training on Sleep Slow Wave Activity and Cortical Gene Expression in the Rat. <i>Sleep</i> , 2009, 32, 719-729.	1.1	139
9	Triggering Slow Waves During NREM Sleep in the Rat by Intracortical Electrical Stimulation: Effects of Sleep/Wake History and Background Activity. <i>Journal of Neurophysiology</i> , 2009, 101, 1921-1931.	1.8	114
10	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. <i>Scientific Reports</i> , 2017, 7, 39471.	3.3	108
11	Sleep Patterns and Homeostatic Mechanisms in Adolescent Mice. <i>Brain Sciences</i> , 2013, 3, 318-343.	2.3	63
12	Gait training using a robotic hip exoskeleton improves metabolic gait efficiency in the elderly. <i>Scientific Reports</i> , 2019, 9, 7157.	3.3	53
13	Trigeminal, Visceral and Vestibular Inputs May Improve Cognitive Functions by Acting through the Locus Coeruleus and the Ascending Reticular Activating System: A New Hypothesis. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 130.	1.7	50
14	Is EEG Suitable for Marketing Research? A Systematic Review. <i>Frontiers in Neuroscience</i> , 2020, 14, 594566.	2.8	50
15	Synaptic Potentiation and Sleep Need: Clues from Molecular and Electrophysiological Studies. <i>Current Topics in Medicinal Chemistry</i> , 2011, 11, 2472-2482.	2.1	47
16	Unilateral Cortical Spreading Depression Affects Sleep Need and Induces Molecular and Electrophysiological Signs of Synaptic Potentiation In Vivo. <i>Cerebral Cortex</i> , 2010, 20, 2939-2947.	2.9	46
17	Effects of Anesthesia on the Response to Sleep Deprivation. <i>Sleep</i> , 2010, 33, 1659-1667.	1.1	45
18	Developmental Patterns of Sleep Slow Wave Activity and Synaptic Density in Adolescent Mice. <i>Sleep</i> , 2014, 37, 689-700.	1.1	38

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19	Insomnia symptoms, perceived stress and coping strategies in patients with systemic lupus erythematosus. <i>Lupus</i> , 2016, 25, 988-996.	1.6	24
20	Effects of Sleep Deprivation on Surgeons Dexterity. <i>Frontiers in Neurology</i> , 2019, 10, 595.	2.4	24
21	Early intervention at home in infants with congenital brain lesion with CareToy revised: a RCT protocol. <i>BMC Pediatrics</i> , 2018, 18, 295.	1.7	20
22	Multicenter Study on Sleep and Circadian Alterations as Objective Markers of Mild Cognitive Impairment and Alzheimer's Disease Reveals Sex Differences. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 1707-1719.	2.6	20
23	Heart rate detection by Fitbit ChargeHR [®] : A validation study versus portable polysomnography. <i>Journal of Sleep Research</i> , 2021, 30, e13346.	3.2	19
24	Sleep quality mediates the effect of chronotype on resilience in the time of COVID-19. <i>Chronobiology International</i> , 2021, 38, 883-892.	2.0	19
25	Sleep and Synaptic Homeostasis. <i>Current Topics in Behavioral Neurosciences</i> , 2014, 25, 91-121.	1.7	18
26	Vascular Function Is Improved After an Environmental Enrichment Program. <i>Hypertension</i> , 2018, 71, 1218-1225.	2.7	18
27	Sleep EEG microstructure in children and adolescents with attention deficit hyperactivity disorder: a systematic review and meta-analysis. <i>Sleep</i> , 2021, 44, .	1.1	18
28	Association between stress-related sleep reactivity and cognitive processes in insomnia disorder and insomnia subgroups: preliminary results. <i>Sleep Medicine</i> , 2016, 19, 101-107.	1.6	17
29	Efficient embedded sleep wake classification for open-source actigraphy. <i>Scientific Reports</i> , 2021, 11, 345.	3.3	17
30	Sleep does not facilitate insight in older adults. <i>Neurobiology of Learning and Memory</i> , 2017, 140, 106-113.	1.9	15
31	Unbalanced Occlusion Modifies the Pattern of Brain Activity During Execution of a Finger to Thumb Motor Task. <i>Frontiers in Neuroscience</i> , 2019, 13, 499.	2.8	15
32	Effects of combined training on neuropsychiatric symptoms and quality of life in patients with cognitive decline. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 1249-1257.	2.9	15
33	Short-Term Effects of Chewing on Task Performance and Task-Induced Mydriasis: Trigeminal Influence on the Arousal Systems. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 68.	1.7	14
34	Heart rate variability at bedtime predicts subsequent sleep features. , 2019, 2019, 6784-6788.		12
35	Food literacy and food choice " a survey-based psychometric profiling of consumer behaviour. <i>British Food Journal</i> , 2021, 123, 124-141.	2.9	12
36	The path from trigeminal asymmetry to cognitive impairment: a behavioral and molecular study. <i>Scientific Reports</i> , 2021, 11, 4744.	3.3	12

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37	Electrophysiological and microstructural features of sleep in children at high risk for depression: a preliminary study. <i>Sleep Medicine</i> , 2017, 36, 95-103.	1.6	11
38	Trigeminal input, pupil size and cognitive performance: From oral to brain matter. <i>Brain Research</i> , 2021, 1751, 147194.	2.2	11
39	Poor sleep quality and unhealthy lifestyle during the lockdown: an Italian study. <i>Sleep Medicine</i> , 2022, 90, 53-64.	1.6	11
40	Effect of the Trigeminal Nerve Stimulation on Auditory Event-Related Potentials. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab012.	1.6	10
41	Melatonin as a Chronobiotic with Sleep-promoting Properties. <i>Current Neuropharmacology</i> , 2023, 21, 951-987.	2.9	10
42	Late chronotypes, late mealtimes. Chrononutrition and sleep habits during the COVID-19 lockdown in Italy. <i>Appetite</i> , 2022, 172, 105951.	3.7	8
43	Automatic Cyclic Alternating Pattern (CAP) analysis: Local and multi-trace approaches. <i>PLoS ONE</i> , 2021, 16, e0260984.	2.5	8
44	Editorial: The Functional Anatomy of the Reticular Formation. <i>Frontiers in Neuroanatomy</i> , 2019, 13, 55.	1.7	7
45	Heartbeat-Evoked Cortical Potential during Sleep and Interoceptive Sensitivity: A Matter of Hypnotizability. <i>Brain Sciences</i> , 2021, 11, 1089.	2.3	7
46	Brain Hemodynamic Intermediate Phenotype Links Vitamin B ₁₂ to Cognitive Profile of Healthy and Mild Cognitive Impaired Subjects. <i>Neural Plasticity</i> , 2019, 2019, 1-11.	2.2	6
47	Association of rs3027178 polymorphism in the circadian clock gene PER1 with susceptibility to Alzheimer's disease and longevity in an Italian population. <i>GeroScience</i> , 2022, 44, 881-896.	4.6	6
48	Chewing and Cognitive Improvement: The Side Matters. <i>Frontiers in Systems Neuroscience</i> , 2021, 15, 749444.	2.5	6
49	A Novel Application for Cognitive Evaluation in Mountain Ultramarathons: Olfactory Assessment. <i>Wilderness and Environmental Medicine</i> , 2016, 27, 131-135.	0.9	5
50	Coupling between Trigeminal-Induced Asymmetries in Locus Coeruleus Activity and Cognitive Performance. <i>Symmetry</i> , 2021, 13, 1676.	2.2	5
51	Electrophysiological features of sleep in children with Kir4.1 channel mutations and Autism's "Epilepsy phenotype: a preliminary study. <i>Sleep</i> , 2020, 43, .	1.1	4
52	Association of hypnotizability and deep sleep: any role for interoceptive sensibility?. <i>Experimental Brain Research</i> , 2020, 238, 1937-1943.	1.5	4
53	Effects of obstructive sleep apnea on the thoracic aorta and the main pulmonary artery: assessment by CT. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 3-11.	2.6	4
54	Slow cortical rhythms: from single-neuron electrophysiology to whole-brain imaging in vivo. <i>Archives Italiennes De Biologie</i> , 2015, 153, 87-98.	0.4	4

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55	Assessing Pupil-linked Changes in Locus Coeruleus-mediated Arousal Elicited by Trigeminal Stimulation. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	3
56	Impact of intermittently scanned continuous glucose monitoring with alarms on sleep and metabolic outcomes in children and adolescents with type 1 diabetes. <i>Acta Diabetologica</i> , 2022, 59, 911-919.	2.5	3
57	Obstructive Sleep Apnoea Syndrome Screening Through Wrist-Worn Smartbands: A Machine-Learning Approach. <i>Nature and Science of Sleep</i> , 0, Volume 14, 941-956.	2.7	3
58	The Complexity of Dreams: a Multiscale Entropy Study on Cardiovascular Variability Series. , 2019, 2019, 2015-2018.		2
59	14.10 INCREASED CENTRAL PRESSURE AUGMENTATION IS ASSOCIATED WITH REDUCED SLEEP DURATION IN INDIVIDUALS EXPOSED TO AIRCRAFT NOISE POLLUTION: THE SERA-CV STUDY. <i>Artery Research</i> , 2016, 16, 85.	0.6	1
60	PP.40.18. <i>Journal of Hypertension</i> , 2015, 33, e497-e498.	0.5	0
61	Increased wave reflection is associated with reduced sleep duration in individuals exposed to aircraft noise pollution. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, e10.	2.6	0
62	[BP.01.05] IMPACT OF 24-H BLOOD PRESSURE MONITORING ON OBJECTIVE SLEEP DURATION AND FRAGMENTATION IN RESISTANT HYPERTENSIVE PATIENTS. <i>Journal of Hypertension</i> , 2017, 35, e171.	0.5	0
63	[PP.19.25] INCREASED CENTRAL PRESSURE AUGMENTATION IS ASSOCIATED WITH REDUCED SLEEP DURATION IN INDIVIDUALS EXPOSED TO AIRCRAFT NOISE POLLUTION. <i>Journal of Hypertension</i> , 2017, 35, e247.	0.5	0
64	Multichannel Complexity Index Analysis for Cardiovascular Dynamics associated with a Dream Recall. , 2020, , .		0
65	Subjects with different hypnotizability scores exhibit different heartbeat-evoked potentials during sleep. , 2020, , .		0
66	Functional Directional Brain-Heart Interplay Correlates of Dreaming: a Pilot Study. , 2020, , .		0
67	Possible Effect of the Trigeminal Nerve Stimulation on Auditory Event-Related Potentials. <i>Biosystems and Biorobotics</i> , 2019, , 844-847.	0.3	0
68	Activation of brain-heart axis during REM sleep: a trigger for dreaming. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 321, R951-R959.	1.8	0
69	Sleep disturbances in specific learning disorders: a qualitative and quantitative investigation. <i>Minerva Pediatrics</i> , 2020, , .	0.4	0
70	P.0330 Maximum downward slopes of sleep slow waves as a potential marker of attention deficit hyperactivity disorder clinical phenotypes. <i>European Neuropsychopharmacology</i> , 2021, 53, S240-S241.	0.7	0