

# Nicola Cellini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

83  
papers

1,670  
citations

19  
h-index

39  
g-index

95  
ext. papers

2,372  
ext. citations

3.6  
avg, IF

5.91  
L-index

#	Paper	IF	Citations
83	Changes in sleep pattern, sense of time and digital media use during COVID-19 lockdown in Italy. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e13074	5.8	444
82	Direct comparison of two actigraphy devices with polysomnographically recorded naps in healthy young adults. <i>Chronobiology International</i> , <b>2013</b> , 30, 691-8	3.6	115
81	Wearable Sleep Technology in Clinical and Research Settings. <i>Medicine and Science in Sports and Exercise</i> , <b>2019</b> , 51, 1538-1557	1.2	115
80	The interplay between mothers' and children behavioral and psychological factors during COVID-19: an Italian study. <i>European Child and Adolescent Psychiatry</i> , <b>2021</b> , 30, 1401-1412	5.5	82
79	Changes in sleep timing and subjective sleep quality during the COVID-19 lockdown in Italy and Belgium: age, gender and working status as modulating factors. <i>Sleep Medicine</i> , <b>2021</b> , 77, 112-119	4.6	50
78	Sleep before and after learning promotes the consolidation of both neutral and emotional information regardless of REM presence. <i>Neurobiology of Learning and Memory</i> , <b>2016</b> , 133, 136-144	3.1	49
77	Stressing the accuracy: Wrist-worn wearable sensor validation over different conditions. <i>Psychophysiology</i> , <b>2019</b> , 56, e13441	4.1	43
76	Memory consolidation in sleep disorders. <i>Sleep Medicine Reviews</i> , <b>2017</b> , 35, 101-112	10.2	39
75	Sleep and Psychological Difficulties in Italian School-Age Children During COVID-19 Lockdown. <i>Journal of Pediatric Psychology</i> , <b>2021</b> , 46, 153-167	3.2	39
74	Autonomic activity during sleep predicts memory consolidation in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 7272-7	11.5	34
73	Nocturnal cardiac autonomic profile in young primary insomniacs and good sleepers. <i>International Journal of Psychophysiology</i> , <b>2014</b> , 93, 332-9	2.9	32
72	Free-living cross-comparison of two wearable monitors for sleep and physical activity in healthy young adults. <i>Physiology and Behavior</i> , <b>2016</b> , 157, 79-86	3.5	31
71	Working memory impairment and cardiovascular hyperarousal in young primary insomniacs. <i>Psychophysiology</i> , <b>2014</b> , 51, 206-14	4.1	30
70	Sensors Capabilities, Performance, and Use of Consumer Sleep Technology. <i>Sleep Medicine Clinics</i> , <b>2020</b> , 15, 1-30	3.6	30
69	Heart rate variability during daytime naps in healthy adults: Autonomic profile and short-term reliability. <i>Psychophysiology</i> , <b>2016</b> , 53, 473-81	4.1	28
68	Changes in sleep pattern, sense of time, and digital media use during COVID-19 lockdown in Italy		27
67	Quantifying sleep architecture dynamics and individual differences using big data and Bayesian networks. <i>PLoS ONE</i> , <b>2018</b> , 13, e0194604	3.7	26

66	A standardized framework for testing the performance of sleep-tracking technology: step-by-step guidelines and open-source code. <i>Sleep</i> , <b>2021</b> , 44,	1.1	24
65	Closed-Loop Targeted Memory Reactivation during Sleep Improves Spatial Navigation. <i>Frontiers in Human Neuroscience</i> , <b>2018</b> , 12, 28	3.3	22
64	Shaping memory consolidation via targeted memory reactivation during sleep. <i>Annals of the New York Academy of Sciences</i> , <b>2018</b> , 1426, 52	6.5	19
63	A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. <i>Nature Human Behaviour</i> , <b>2021</b> , 5, 1089-1110	12.8	18
62	Heart rate variability helps tracking time more accurately. <i>Brain and Cognition</i> , <b>2015</b> , 101, 57-63	2.7	17
61	Validation of an automated wireless system for sleep monitoring during daytime naps. <i>Behavioral Sleep Medicine</i> , <b>2015</b> , 13, 157-68	4.2	16
60	Polysomnographic validation of a wireless dry headband technology for sleep monitoring in healthy young adults. <i>Physiology and Behavior</i> , <b>2013</b> , 118, 185-8	3.5	16
59	The impact of frequent napping and nap practice on sleep-dependent memory in humans. <i>Scientific Reports</i> , <b>2018</b> , 8, 15053	4.9	15
58	Hemodynamic and autonomic modifications during sleep stages in young hypotensive women. <i>Biological Psychology</i> , <b>2012</b> , 91, 22-7	3.2	13
57	Stimulating the sleeping brain: Current approaches to modulating memory-related sleep physiology. <i>Journal of Neuroscience Methods</i> , <b>2019</b> , 316, 125-136	3	13
56	The Influence of Metacognitive Beliefs on Sleeping Difficulties in Older Adults. <i>Applied Psychology: Health and Well-Being</i> , <b>2019</b> , 11, 20-41	6.8	13
55	Impaired off-line motor skills consolidation in young primary insomniacs. <i>Neurobiology of Learning and Memory</i> , <b>2014</b> , 114, 141-7	3.1	12
54	Facing emotions in narcolepsy with cataplexy: haemodynamic and behavioural responses during emotional stimulation. <i>Journal of Sleep Research</i> , <b>2014</b> , 23, 432-40	5.8	12
53	Perceived sleep quality: The interplay of neuroticism, affect, and hyperarousal. <i>Sleep Health</i> , <b>2017</b> , 3, 184-189	4	11
52	Sleep after practice reduces the attentional blink. <i>Attention, Perception, and Psychophysics</i> , <b>2015</b> , 77, 1945-54	2	11
51	Long-Term Outcome of Repetitive Transcranial Magnetic Stimulation in a Large Cohort of Patients With Cocaine-Use Disorder: An Observational Study. <i>Frontiers in Psychiatry</i> , <b>2020</b> , 11, 158	5	11
50	Cardiovascular down-regulation in essential hypotension: relationships with autonomic control and sleep. <i>Psychophysiology</i> , <b>2013</b> , 50, 767-76	4.1	11
49	Nocturnal cardiovascular activity in essential hypotension: evidence of differential autonomic regulation. <i>Psychosomatic Medicine</i> , <b>2012</b> , 74, 952-60	3.7	10

48	Cardiac autonomic profile during rest and working memory load in essential hypotensive women. <i>International Journal of Psychophysiology</i> , <b>2012</b> , 85, 200-5	2.9	10
47	Multiple phenotypes of resting-state cognition are altered in insomnia disorder. <i>Sleep Health</i> , <b>2016</b> , 2, 239-245	4	10
46	Morning Bright Light Treatment for Sleep-Wake Disturbances in Primary Biliary Cholangitis: A Pilot Study. <i>Frontiers in Physiology</i> , <b>2018</b> , 9, 1530	4.6	10
45	Short Duration Repetitive Transcranial Electrical Stimulation During Sleep Enhances Declarative Memory of Facts. <i>Frontiers in Human Neuroscience</i> , <b>2019</b> , 13, 123	3.3	9
44	Changes in dream features across the first and second waves of the Covid-19 pandemic. <i>Journal of Sleep Research</i> , <b>2021</b> , e13425	5.8	9
43	Perceptual and motor congruency effects in time-space association. <i>Attention, Perception, and Psychophysics</i> , <b>2013</b> , 75, 1840-51	2	8
42	The mechanisms of space-time association: comparing motor and perceptual contributions in time reproduction. <i>Cognitive Science</i> , <b>2013</b> , 37, 1228-50	2.2	8
41	The interplay between mothers and children behavioral and psychological factors during COVID-19: An Italian study		8
40	The effects of one night of partial sleep deprivation on executive functions in individuals reporting chronic insomnia and good sleepers. <i>Journal of Behavior Therapy and Experimental Psychiatry</i> , <b>2018</b> , 60, 42-45	2.6	7
39	Cardiac autonomic activity during daytime nap in young adults. <i>Journal of Sleep Research</i> , <b>2018</b> , 27, 159-164	5.8	7
38	Daytime REM sleep affects emotional experience but not decision choices in moral dilemmas. <i>Scientific Reports</i> , <b>2017</b> , 7, 11059	4.9	7
37	Sleep quality improves during treatment with repetitive transcranial magnetic stimulation (rTMS) in patients with cocaine use disorder: a retrospective observational study. <i>BMC Psychiatry</i> , <b>2020</b> , 20, 153	4.2	7
36	The Temporal Dynamics of Motor Memory across Wake and Sleep. <i>Journal of Neuroscience</i> , <b>2015</b> , 35, 12085-7	6.6	6
35	Sleep quality and quantity in Italian University students: an actigraphic study. <i>Chronobiology International</i> , <b>2020</b> , 37, 1538-1551	3.6	6
34	Commentary: Olfactory aversive conditioning during sleep reduces cigarette-smoking behavior. <i>Frontiers in Psychology</i> , <b>2015</b> , 6, 586	3.4	6
33	The Fate of Emotional Memories Over a Week: Does Sleep Play Any Role?. <i>Frontiers in Psychology</i> , <b>2019</b> , 10, 481	3.4	5
32	Relationship between cardiovascular resting state and visual attention. <i>Clinical Autonomic Research</i> , <b>2013</b> , 23, 157-61	4.3	5
31	Relationships between Dream and Previous Wake Emotions Assessed through the Italian Modified Differential Emotions Scale. <i>Brain Sciences</i> , <b>2020</b> , 10,	3.4	5

30	Dissociated profiles of sleep timing and sleep quality changes across the first and second wave of the COVID-19 pandemic. <i>Journal of Psychiatric Research</i> , <b>2021</b> , 143, 222-229	5.2	5
29	Reduced cerebral and cardiovascular hemodynamics during sustained affective stimulation in young women with chronic low blood pressure. <i>Physiology and Behavior</i> , <b>2015</b> , 143, 83-9	3.5	4
28	Sleep quality, timing, and psychological difficulties in Italian school-age children and their mothers during COVID-19 lockdown		4
27	Sleep among presentations of Attention-Deficit/Hyperactivity Disorder: Analysis of objective and subjective measures. <i>International Journal of Clinical and Health Psychology</i> , <b>2020</b> , 20, 54-61	5.1	4
26	Facing with Collaborative Robots: The Subjective Experience in Senior and Younger Workers. <i>Cyberpsychology, Behavior, and Social Networking</i> , <b>2021</b> ,	4.4	4
25	The role of repetitive transcranial magnetic stimulation (rTMS) in the treatment of behavioral addictions: Two case reports and review of the literature. <i>Journal of Behavioral Addictions</i> , <b>2021</b> , 10, 361-370	6.3	4
24	Relationship between daily fluctuations of body temperature and the processing of sub-second intervals. <i>Physiology and Behavior</i> , <b>2016</b> , 164, 220-6	3.5	4
23	Framing the outcome of moral dilemmas: effects of emotional information. <i>Ethics and Behavior</i> , <b>2020</b> , 30, 213-229	1.4	4
22	The Effects of Sleep Quality on Dream and Waking Emotions. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	4
21	Cardiac autonomic activity during sleep in high-altitude resident children compared with lowland residents. <i>Sleep</i> , <b>2018</b> , 41,	1.1	4
20	Italian adaptation of the Insomnia Catastrophising Scale (ICS): a tool to evaluate insomnia-specific catastrophic thinking. <i>Sleep and Biological Rhythms</i> , <b>2018</b> , 16, 423-429	1.3	3
19	How Elderly People's Quality of Life Relates to Their Sleep Quality and Sleep-Related Beliefs. <i>Behavioral Sleep Medicine</i> , <b>2021</b> , 1-13	4.2	3
18	Profiles of Autonomic Activity in Autism Spectrum Disorder with and without Anxiety. <i>Journal of Autism and Developmental Disorders</i> , <b>2021</b> , 51, 4459-4470	4.6	3
17	Updating Internal Cognitive Models during Sleep. <i>Journal of Neuroscience</i> , <b>2019</b> , 39, 1966-1968	6.6	2
16	Profiles of Autonomic Activity in Autism Spectrum Disorder with and without Anxiety		2
15	Sleeping over moral dilemmas modulates utilitarian decision-making. <i>Current Psychology</i> ,1	1.4	2
14	Response to the letter to the editor from Dr. Kawada, "Comparison of two accelerometers for monitoring sleep: Agreement and validity". <i>Physiology and Behavior</i> , <b>2016</b> , 163, 333	3.5	1
13	Comparing the effect of daytime sleep and wakefulness on mnemonic discrimination. <i>Physiology and Behavior</i> , <b>2020</b> , 224, 113078	3.5	1

12	192 Self-reported sleep features in the Italian population across the first and second wave of the COVID-19 pandemic. <i>Sleep</i> , <b>2021</b> , 44, A77-A78	1.1	1
11	The effect of complex cognitive training on subsequent night sleep. <i>Journal of Sleep Research</i> , <b>2020</b> , 29, e12929	5.8	0
10	A Retrospective Comparative Study in Patients With Cocaine Use Disorder Comorbid With Attention Deficit Hyperactivity Disorder Undergoing an rTMS Protocol Treatment. <i>Frontiers in Psychiatry</i> , <b>2021</b> , 12, 659527	5	0
9	Characteristics of sleep spindles in school-aged children with attention-deficit/hyperactivity disorder. <i>Research in Developmental Disabilities</i> , <b>2021</b> , 112, 103896	2.7	0
8	191 Dream features of the Italian population across the first and second wave of the COVID-19 pandemic. <i>Sleep</i> , <b>2021</b> , 44, A77-A77	1.1	0
7	Sleep and memory consolidation: a common mechanism across species?. <i>Journal of Neurophysiology</i> , <b>2017</b> , 117, 1-3	3.2	
6	0203 THE EFFECT OF EXPERIMENTALLY MANIPULATING NAP FREQUENCY ON NIGHTTIME SLEEP QUALITY: AN ACTIGRAPHY STUDY. <i>Sleep</i> , <b>2017</b> , 40, A74-A75	1.1	
5	Discontinuity in the Perception of Sub-second Intervals. <i>Procedia, Social and Behavioral Sciences</i> , <b>2014</b> , 126, 222-223		
4	0417 ITALIAN VALIDATION OF THE INSOMNIA CATASTROPHIZING SCALE: AN INSTRUMENT TO ASSESS INSOMNIA-SPECIFIC CATASTROPHIZING THOUGHTS. <i>Sleep</i> , <b>2017</b> , 40, A154-A155	1.1	
3	Moral judgment, decision times and emotional salience of a new developed set of sacrificial manual driving dilemmas.. <i>Current Psychology</i> , <b>2022</b> , 1-14	1.4	
2	The role of sleep in the formation and updating of abstract mental representations. <i>Behavioral and Brain Sciences</i> , <b>2020</b> , 43, e151	0.9	
1	Performance of consumer wearable sleep technology <b>2021</b> ,		