

# Irwin Feinberg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10741199/publications.pdf>

Version: 2024-02-01

69  
papers

3,506  
citations

126907

33  
h-index

138484

58  
g-index

71  
all docs

71  
docs citations

71  
times ranked

2280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep restriction and age effects on waking alpha EEG activity in adolescents. SLEEP Advances, 2022, 3, .	0.2	2
2	Longitudinal Analysis of Sleep Spindle Maturation from Childhood through Late Adolescence. Journal of Neuroscience, 2021, 41, 4253-4261.	3.6	32
3	Longitudinal assessment of NREM sleep EEG in typically developing and medication-free ADHD adolescents: first year results. Sleep Medicine, 2021, 80, 171-175.	1.6	10
4	Effects of sleep restriction on the sleep electroencephalogram of adolescents. Sleep, 2021, 44, .	1.1	8
5	Shorter sleep durations in adolescents reduce power density in a wide range of waking electroencephalogram frequencies. PLoS ONE, 2019, 14, e0210649.	2.5	3
6	Corollary Discharge and Psychosisâ€”Origin of the Model. JAMA Psychiatry, 2018, 75, 300.	11.0	0
7	Differential and interacting effects of age and sleep restriction on daytime sleepiness and vigilance in adolescence: a longitudinal study. Sleep, 2018, 41, .	1.1	18
8	Daytime Sleepiness Increases With Age in Early Adolescence: A Sleep Restriction Doseâ€”Response Study. Sleep, 2017, 40, .	1.1	25
9	Restricting Time in Bed in Early Adolescence Reduces Both NREM and REM Sleep but Does Not Increase Slow Wave EEG. Sleep, 2016, 39, 1663-1670.	1.1	24
10	Maturational Patterns of Sigma Frequency Power Across Childhood and Adolescence: A Longitudinal Study. Sleep, 2016, 39, 193-201.	1.1	55
11	Longitudinal sleep EEG trajectories indicate complex patterns of adolescent brain maturation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 304, R296-R303.	1.8	85
12	Recommended Sleep Durations for Children and Adolescents: The Dearth of Empirical Evidence. Sleep, 2013, 36, 461-462.	1.1	10
13	The maturational trajectories of NREM and REM sleep durations differ across adolescence on both school-night and extended sleep. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2012, 302, R533-R540.	1.8	37
14	Sex, puberty, and the timing of sleep EEG measured adolescent brain maturation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5740-5743.	7.1	109
15	Sleep Recommendations for Children: A Need for More Data. Pediatrics, 2012, 129, 989-989.	2.1	5
16	Corollary Discharge, Hallucinations, and Dreaming. Schizophrenia Bulletin, 2011, 37, 1-3.	4.3	36
17	Topographic Differences in the Adolescent Maturation of the Slow Wave EEG during NREM Sleep. Sleep, 2011, 34, 325-333.	1.1	57
18	Adolescent Changes in Homeostatic Regulation of EEG Activity in the Delta and Theta Frequency Bands during NREM Sleep. Sleep, 2011, 34, 83-91.	1.1	63

#	ARTICLE	IF	CITATIONS
19	The Onset of the Adolescent Delta Power Decline Occurs after Age 11 Years: A Comment on Tarokh and Carskadon. <i>Sleep</i> , 2010, 33, 737-737.	1.1	8
20	Sleep EEG changes during adolescence: An index of a fundamental brain reorganization. <i>Brain and Cognition</i> , 2010, 72, 56-65.	1.8	217
21	Longitudinal trajectories of non-rapid eye movement delta and theta EEG as indicators of adolescent brain maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 5177-5180.	7.1	241
22	Glutamate neurotransmission and sleep. , 2008, , 224-243.		1
23	The Increase in Longitudinally Measured Sleepiness Across Adolescence is Related to the Maturation Decline In Low-Frequency EEG Power. <i>Sleep</i> , 2007, 30, 1677-1687.	1.1	62
24	Waking Brain States and Homeostatic Requirement. <i>Sleep</i> , 2007, 30, 1243-1243.	1.1	0
25	Reliability of Sleep EEG Measures: A Comment on Van Dongen et al. <i>Sleep</i> , 2007, 30, 821-821.	1.1	0
26	Kinetics of NREM Delta EEG Power Density Across NREM Periods Depend on Age and on Delta-Band Designation. <i>Sleep</i> , 2007, 30, 71-79.	1.1	43
27	The adolescent decline of NREM delta, an indicator of brain maturation, is linked to age and sex but not to pubertal stage. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006, 291, R1724-R1729.	1.8	96
28	Sleep EEG Evidence of Sex Differences in Adolescent Brain Maturation. <i>Sleep</i> , 2005, 28, 637-643.	1.1	55
29	Homeostatic sleep response to naps is similar in normal elderly and young adults. <i>Neurobiology of Aging</i> , 2005, 26, 135-144.	3.1	36
30	Rapid eye movement density shows trends across REM periods but is uncorrelated with NREM delta in young and elderly human subjects. <i>Brain Research Bulletin</i> , 2004, 63, 433-433.	3.0	0
31	Mental activity after early afternoon nap awakenings in healthy subjects. <i>Brain Research Bulletin</i> , 2004, 63, 361-368.	3.0	16
32	Rapid eye movement density shows trends across REM periods but is uncorrelated with NREM delta in young and elderly human subjects. <i>Brain Research Bulletin</i> , 2004, 63, 433-438.	3.0	9
33	Physiological Evidence for Lifelong Brain Development: A Comment on Bartzokis. <i>Neuropsychopharmacology</i> , 2003, 28, 1215-1216.	5.4	3
34	Rapid Eye Movement Density is Reduced in the Normal Elderly. <i>Sleep</i> , 2003, 26, 973-977.	1.1	54
35	Kinetics of Non-Rapid Eye Movement Delta Production Across Sleep and Waking in Young and Elderly Normal Subjects: Theoretical Implications. <i>Sleep</i> , 2003, 26, 192-200.	1.1	43
36	The Competitive NMDA Receptor Antagonist CPPene Stimulates NREM Sleep and Eating in Rats. <i>Neuropsychopharmacology</i> , 2002, 26, 348-357.	5.4	12

#	ARTICLE	IF	CITATIONS
37	A simple method for computer quantification of stage REM eye movement potentials. <i>Psychophysiology</i> , 2001, 38, 512-516.	2.4	14
38	Effects of hypnotics on the sleep EEG of healthy young adults: new data and psychopharmacologic implications. <i>Journal of Psychiatric Research</i> , 2000, 34, 423-438.	3.1	65
39	High internight reliability of computer-measured NREM delta, sigma, and beta: biological implications. <i>Biological Psychiatry</i> , 2000, 48, 1010-1019.	1.3	65
40	Adenosine, blood pressure and NREM delta. <i>Sleep</i> , 1999, 22, 7-9.	1.1	5
41	Delta Homeostasis, Stress, and Sleep Deprivation in the Rat: A Comment on Rechtschaffen et al.. <i>Sleep</i> , 1999, 22, 1021-1024.	1.1	10
42	Comparison of MK-801 and Sleep Deprivation Effects on NREM, REM, and Waking Spectra in the Rat. <i>Sleep</i> , 1999, 22, 423-432.	1.1	28
43	Schizophrenia – a disorder of the corollary discharge systems that integrate the motor systems of thought with the sensory systems of consciousness. <i>British Journal of Psychiatry</i> , 1999, 174, 196-204.	2.8	138
44	A Comparison of Period Amplitude Analysis and FFT Power Spectral Analysis of All-Night Human Sleep EEG. <i>Physiology and Behavior</i> , 1999, 67, 121-131.	2.1	45
45	Haloperidol potentiates the EEG slowing of MK-801 despite blocking its motor effects. <i>NeuroReport</i> , 1998, 9, 2189-2193.	1.2	9
46	Coadministered pentobarbital anesthesia postpones but does not block the motor and sleep EEG responses to MK-801. <i>Life Sciences</i> , 1997, 60, PL217-PL222.	4.3	2
47	Observations on delta homeostasis, the one-stimulus model of NREM-REM alternation and the neurobiologic implications of experimental dream studies. <i>Behavioural Brain Research</i> , 1995, 69, 97-108.	2.2	62
48	Sigma (12-16 Hz) and beta (20-28 Hz) EEG discriminate NREM and REM sleep. <i>Brain Research</i> , 1994, 659, 243-248.	2.2	44
49	Ketamine Administration During Waking Increases Delta EEG Intensity in Rat Sleep. <i>Neuropsychopharmacology</i> , 1993, 9, 41-48.	5.4	69
50	Beta (20-28 Hz) and Delta (0.3-3 Hz) EEGs Oscillate Reciprocally Across NREM and REM Sleep. <i>Sleep</i> , 1992, 15, 352-358.	1.1	93
51	Cortical Pruning and the Development of Schizophrenia. <i>Schizophrenia Bulletin</i> , 1990, 16, 567-568.	4.3	58
52	Metabolic brain changes in adolescence: One aspect of a global reorganization?. <i>Annals of Neurology</i> , 1988, 24, 464-465.	5.3	7
53	Importance of Both Amplitude and Incidence Measures in Time-Domain Analysis. <i>Sleep</i> , 1988, 11, 571-572.	1.1	12
54	Sleep Mentation in the Elderly. <i>Psychophysiology</i> , 1985, 22, 218-225.	2.4	93

#	ARTICLE	IF	CITATIONS
55	Flurazepam Effects on Sleep EEG. Archives of General Psychiatry, 1979, 36, 95.	12.3	33
56	Effects of marijuana extract and tetrahydrocannabinol on electroencephalographic sleep patterns. Clinical Pharmacology and Therapeutics, 1976, 19, 782-794.	4.7	89
57	Effects of high dosage delta-9-tetrahydrocannabinol on sleep patterns in man. Clinical Pharmacology and Therapeutics, 1975, 17, 458-466.	4.7	104
58	Some Observations on the Reliability of REM Variables. Psychophysiology, 1974, 11, 68-72.	2.4	19
59	Sleep Amphetamine Effects in MBDS and Normal Subjects. Archives of General Psychiatry, 1974, 31, 723.	12.3	42
60	VERTICAL EYE-MOVEMENT DURING REM SLEEP: EFFECTS OF AGE AND ELECTRODE PLACEMENT. Psychophysiology, 1969, 5, 556-561.	2.4	13
61	The ontogenesis of human sleep and the relationship of sleep variables to intellectual function in the aged. Comprehensive Psychiatry, 1968, 9, 138-147.	3.1	26
62	EEG sleep patterns as a function of normal and pathological aging in man. Journal of Psychiatric Research, 1967, 5, 107-144.	3.1	522
63	DISCUSSION OF PAPERS BY DRS. PIERCE AND DEMENT. American Journal of Psychiatry, 1965, 122, 408-410.	7.2	3
64	Sleep electroencephalographic and eye-movement patterns in patients with chronic brain syndrome. Journal of Psychiatric Research, 1965, 3, 11-26.	3.1	29
65	Further observations on electrophysiological sleep patterns in schizophrenia. Comprehensive Psychiatry, 1965, 6, 21-24.	3.1	70
66	Sleep electroencephalographic and eye-movement patterns in schizophrenic patients. Comprehensive Psychiatry, 1964, 5, 44-53.	3.1	75
67	"Dream Time" in Hallucinating and Non-hallucinating Schizophrenic Patients. Nature, 1963, 199, 1118-1119.	27.8	61
68	Relation of EEG to cerebral blood flow and metabolism in old age. Electroencephalography and Clinical Neurophysiology, 1963, 15, 610-619.	0.3	114
69	Senile Dementia and Cerebral Oxygen Uptake measured on the Right and Left Sides. Nature, 1960, 188, 962-964.	27.8	9