

Irwin Feinberg

List of Publications by Year in descending order

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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	EEG sleep patterns as a function of normal and pathological aging in man. <i>Journal of Psychiatric Research</i> , 1967, 5, 107-144.	3.1	522
2	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
3	Sleep EEG changes during adolescence: An index of a fundamental brain reorganization. <i>Brain and Cognition</i> , 2010, 72, 56-65.	1.8	217
4	Schizophrenia â€“ 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
5	Relation of EEG to cerebral blood flow and metabolism in old age. <i>Electroencephalography and Clinical Neurophysiology</i> , 1963, 15, 610-619.	0.3	114
6	Sex, puberty, and the timing of sleep EEG measured adolescent brain maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5740-5743.	7.1	109
7	Effects of high dosage deltaâ€“tetrahydrocannabinol on sleep patterns in man. <i>Clinical Pharmacology and Therapeutics</i> , 1975, 17, 458-466.	4.7	104
8	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
9	Sleep Mentation in the Elderly. <i>Psychophysiology</i> , 1985, 22, 218-225.	2.4	93
10	Beta (20â€“28 Hz) and Delta (0.3â€“3 Hz) EEGs Oscillate Reciprocally Across NREM and REM Sleep. <i>Sleep</i> , 1992, 15, 352-358.	1.1	93
11	Effects of marijuana extract and tetrahydrocannabinol on electroencephalographic sleep patterns. <i>Clinical Pharmacology and Therapeutics</i> , 1976, 19, 782-794.	4.7	89
12	Longitudinal sleep EEG trajectories indicate complex patterns of adolescent brain maturation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 304, R296-R303.	1.8	85
13	Sleep electroencephalographic and eye-movement patterns in schizophrenic patients. <i>Comprehensive Psychiatry</i> , 1964, 5, 44-53.	3.1	75
14	Further observations on electrophysiological sleep patterns in schizophrenia. <i>Comprehensive Psychiatry</i> , 1965, 6, 21-24.	3.1	70
15	Ketamine Administration During Waking Increases Delta EEG Intensity in Rat Sleep. <i>Neuropsychopharmacology</i> , 1993, 9, 41-48.	5.4	69
16	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
17	High internight reliability of computer-measured NREM delta, sigma, and beta: biological implications. <i>Biological Psychiatry</i> , 2000, 48, 1010-1019.	1.3	65
18	Adolescent Changes in Homeostatic Regulation of EEG Activity in the Delta and Theta Frequency Bands during NREM Sleep. <i>Sleep</i> , 2011, 34, 83-91.	1.1	63

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19	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
20	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
21	“Dream Time”™ in Hallucinating and Non-hallucinating Schizophrenic Patients. <i>Nature</i> , 1963, 199, 1118-1119.	27.8	61
22	Cortical Pruning and the Development of Schizophrenia. <i>Schizophrenia Bulletin</i> , 1990, 16, 567-568.	4.3	58
23	Topographic Differences in the Adolescent Maturation of the Slow Wave EEG during NREM Sleep. <i>Sleep</i> , 2011, 34, 325-333.	1.1	57
24	Sleep EEG Evidence of Sex Differences in Adolescent Brain Maturation. <i>Sleep</i> , 2005, 28, 637-643.	1.1	55
25	Maturation Patterns of Sigma Frequency Power Across Childhood and Adolescence: A Longitudinal Study. <i>Sleep</i> , 2016, 39, 193-201.	1.1	55
26	Rapid Eye Movement Density is Reduced in the Normal Elderly. <i>Sleep</i> , 2003, 26, 973-977.	1.1	54
27	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
28	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
29	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
30	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
31	Sleep Amphetamine Effects in MBDS and Normal Subjects. <i>Archives of General Psychiatry</i> , 1974, 31, 723.	12.3	42
32	The maturational trajectories of NREM and REM sleep durations differ across adolescence on both school-night and extended sleep. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012, 302, R533-R540.	1.8	37
33	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
34	Corollary Discharge, Hallucinations, and Dreaming. <i>Schizophrenia Bulletin</i> , 2011, 37, 1-3.	4.3	36
35	Flurazepam Effects on Sleep EEG. <i>Archives of General Psychiatry</i> , 1979, 36, 95.	12.3	33
36	Longitudinal Analysis of Sleep Spindle Maturation from Childhood through Late Adolescence. <i>Journal of Neuroscience</i> , 2021, 41, 4253-4261.	3.6	32

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37	Sleep electroencephalographic and eye-movement patterns in patients with chronic brain syndrome. <i>Journal of Psychiatric Research</i> , 1965, 3, 11-26.	3.1	29
38	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
39	The ontogenesis of human sleep and the relationship of sleep variables to intellectual function in the aged. <i>Comprehensive Psychiatry</i> , 1968, 9, 138-147.	3.1	26
40	Daytime Sleepiness Increases With Age in Early Adolescence: A Sleep Restriction Dose-Response Study. <i>Sleep</i> , 2017, 40, .	1.1	25
41	Restricting Time in Bed in Early Adolescence Reduces Both NREM and REM Sleep but Does Not Increase Slow Wave EEG. <i>Sleep</i> , 2016, 39, 1663-1670.	1.1	24
42	Some Observations on the Reliability of REM Variables. <i>Psychophysiology</i> , 1974, 11, 68-72.	2.4	19
43	Differential and interacting effects of age and sleep restriction on daytime sleepiness and vigilance in adolescence: a longitudinal study. <i>Sleep</i> , 2018, 41, .	1.1	18
44	Mental activity after early afternoon nap awakenings in healthy subjects. <i>Brain Research Bulletin</i> , 2004, 63, 361-368.	3.0	16
45	A simple method for computer quantification of stage REM eye movement potentials. <i>Psychophysiology</i> , 2001, 38, 512-516.	2.4	14
46	VERTICAL EYE-MOVEMENT DURING REM SLEEP: EFFECTS OF AGE AND ELECTRODE PLACEMENT. <i>Psychophysiology</i> , 1969, 5, 556-561.	2.4	13
47	Importance of Both Amplitude and Incidence Measures in Time-Domain Analysis. <i>Sleep</i> , 1988, 11, 571-572.	1.1	12
48	The Competitive NMDA Receptor Antagonist CPPene Stimulates NREM Sleep and Eating in Rats. <i>Neuropsychopharmacology</i> , 2002, 26, 348-357.	5.4	12
49	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
50	Recommended Sleep Durations for Children and Adolescents: The Dearth of Empirical Evidence. <i>Sleep</i> , 2013, 36, 461-462.	1.1	10
51	Longitudinal assessment of NREM sleep EEG in typically developing and medication-free ADHD adolescents: first year results. <i>Sleep Medicine</i> , 2021, 80, 171-175.	1.6	10
52	Senile Dementia and Cerebral Oxygen Uptake measured on the Right and Left Sides. <i>Nature</i> , 1960, 188, 962-964.	27.8	9
53	Haloperidol potentiates the EEG slowing of MK-801 despite blocking its motor effects. <i>NeuroReport</i> , 1998, 9, 2189-2193.	1.2	9
54	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

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55	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
56	Effects of sleep restriction on the sleep electroencephalogram of adolescents. <i>Sleep</i> , 2021, 44, .	1.1	8
57	Metabolic brain changes in adolescence: One aspect of a global reorganization?. <i>Annals of Neurology</i> , 1988, 24, 464-465.	5.3	7
58	Adenosine, blood pressure and NREM delta. <i>Sleep</i> , 1999, 22, 7-9.	1.1	5
59	Sleep Recommendations for Children: A Need for More Data. <i>Pediatrics</i> , 2012, 129, 989-989.	2.1	5
60	DISCUSSION OF PAPERS BY DRS. PIERCE AND DEMENT. <i>American Journal of Psychiatry</i> , 1965, 122, 408-410.	7.2	3
61	Physiological Evidence for Lifelong Brain Development: A Comment on Bartzokis. <i>Neuropsychopharmacology</i> , 2003, 28, 1215-1216.	5.4	3
62	Shorter sleep durations in adolescents reduce power density in a wide range of waking electroencephalogram frequencies. <i>PLoS ONE</i> , 2019, 14, e0210649.	2.5	3
63	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
64	Sleep restriction and age effects on waking alpha EEG activity in adolescents. <i>SLEEP Advances</i> , 2022, 3, .	0.2	2
65	Glutamate neurotransmission and sleep. , 2008, , 224-243.		1
66	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
67	Waking Brain States and Homeostatic Requirement. <i>Sleep</i> , 2007, 30, 1243-1243.	1.1	0
68	Reliability of Sleep EEG Measures: A Comment on Van Dongen et al. <i>Sleep</i> , 2007, 30, 821-821.	1.1	0
69	Corollary Discharge and Psychosisâ€™Origin of the Model. <i>JAMA Psychiatry</i> , 2018, 75, 300.	11.0	0