

Axel Steiger

List of Publications by Year in descending order

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62
papers

2,999
citations

172207

29
h-index

168136

53
g-index

65
all docs

65
docs citations

65
times ranked

2938
citing authors

#	ARTICLE	IF	CITATIONS
1	Sleep and the hypothalamo-pituitary-adrenocortical system. <i>Sleep Medicine Reviews</i> , 2002, 6, 125-138.	3.8	264
2	Wake and sleep EEG provide biomarkers in depression. <i>Journal of Psychiatric Research</i> , 2010, 44, 242-252.	1.5	253
3	To what degree does the Composite International Diagnostic Interview (CIDI) correctly identify DSM-IV disorders? Testing validity issues in a clinical sample. <i>International Journal of Methods in Psychiatric Research</i> , 1998, 7, 142-155.	1.1	243
4	Neurochemical regulation of sleep. <i>Journal of Psychiatric Research</i> , 2007, 41, 537-552.	1.5	213
5	Depression and Sleep. <i>International Journal of Molecular Sciences</i> , 2019, 20, 607.	1.8	149
6	Sex and modulatory menstrual cycle effects on sleep related memory consolidation. <i>Psychoneuroendocrinology</i> , 2012, 37, 987-998.	1.3	116
7	Sleep and endocrinology. <i>Journal of Internal Medicine</i> , 2003, 254, 13-22.	2.7	113
8	Medial Prefrontal-Hippocampal Connectivity and Motor Memory Consolidation in Depression and Schizophrenia. <i>Biological Psychiatry</i> , 2015, 77, 177-186.	0.7	100
9	Neuropeptides and human sleep. <i>Sleep</i> , 1997, 20, 1038-52.	0.6	91
10	Trimipramine and imipramine exert different effects on the sleep EEG and on nocturnal hormone secretion during treatment of major depression. <i>Depression</i> , 1996, 4, 1-13.	0.7	84
11	Sleep Spindles and Intelligence: Evidence for a Sexual Dimorphism. <i>Journal of Neuroscience</i> , 2014, 34, 16358-16368.	1.7	80
12	Pathology of Sleep, Hormones and Depression. <i>Pharmacopsychiatry</i> , 2013, 46, S30-S35.	1.7	65
13	Somatostatin Impairs Sleep in Elderly Human Subjects. <i>Neuropsychopharmacology</i> , 1997, 16, 339-345.	2.8	63
14	Neural correlates of insight in dreaming and psychosis. <i>Sleep Medicine Reviews</i> , 2015, 20, 92-99.	3.8	58
15	Effects of Hormones on Sleep. <i>Hormone Research in Paediatrics</i> , 1998, 49, 125-130.	0.8	57
16	Impaired off-line memory consolidation in depression. <i>European Neuropsychopharmacology</i> , 2010, 20, 553-561.	0.3	57
17	Ghrelin in mental health, sleep, memory. <i>Molecular and Cellular Endocrinology</i> , 2011, 340, 88-96.	1.6	55
18	Neuroscience-driven discovery and development of sleep therapeutics. , 2014, 141, 300-334.		55

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19	Sleep and endocrine regulation. <i>Frontiers in Bioscience - Landmark</i> , 2003, 8, s358-376.	3.0	53
20	The GABAA agonist gaboxadol improves the quality of post-nap sleep. <i>Psychopharmacology</i> , 2001, 157, 299-304.	1.5	52
21	Enhanced Slow Wave Sleep in Patients with Prolactinoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2706-2710.	1.8	49
22	Open clinical trial on the sigma ligand panamesine in patients with schizophrenia. <i>Psychopharmacology</i> , 1997, 132, 82-88.	1.5	48
23	Effect of the GABA _A agonist gaboxadol on nocturnal sleep and hormone secretion in healthy elderly subjects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E130-E137.	1.8	48
24	Heterozygosity for the Mood Disorder-Associated Variant Gln460Arg Alters P2X7 Receptor Function and Sleep Quality. <i>Journal of Neuroscience</i> , 2017, 37, 11688-11700.	1.7	44
25	Changes in Sleep-Endocrine Activity after Growth Hormone-Releasing Hormone Depend on Time of Administration. <i>Journal of Neuroendocrinology</i> , 1997, 9, 201-205.	1.2	40
26	A double dissociation of memory impairments in major depression. <i>Journal of Psychiatric Research</i> , 2011, 45, 1593-1599.	1.5	40
27	A set of composite, non-redundant EEG measures of NREM sleep based on the power law scaling of the Fourier spectrum. <i>Scientific Reports</i> , 2021, 11, 2041.	1.6	39
28	Modelling and exploring human sleep with event history analysis. <i>Journal of Sleep Research</i> , 1999, 8, 25-36.	1.7	37
29	Lunar cycle effects on sleep and the file drawer problem. <i>Current Biology</i> , 2014, 24, R549-R550.	1.8	35
30	Mg ²⁺ reduces ACTH secretion and enhances spindle power without changing delta power during sleep in men - possible therapeutic implications. <i>Psychopharmacology</i> , 1998, 137, 247-252.	1.5	33
31	Neuropeptides and Human Sleep. <i>Sleep</i> , 1997, , .	0.6	32
32	Nap sleep spindle correlates of intelligence. <i>Scientific Reports</i> , 2015, 5, 17159.	1.6	32
33	Age-related changes in sleep EEG are attenuated in highly intelligent individuals. <i>NeuroImage</i> , 2017, 146, 554-560.	2.1	23
34	Sleep after intranasal progesterone vs. zolpidem and placebo in postmenopausal women - A randomized, double-blind cross over study. <i>Psychoneuroendocrinology</i> , 2018, 92, 81-86.	1.3	23
35	Individual slow-wave morphology is a marker of aging. <i>Neurobiology of Aging</i> , 2019, 80, 71-82.	1.5	22
36	Ghrelin modulates encoding-related brain function without enhancing memory formation in humans. <i>NeuroImage</i> , 2016, 142, 465-473.	2.1	21

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37	Heart rate variability and cordance in rapid eye movement sleep as biomarkers of depression and treatment response. <i>Journal of Psychiatric Research</i> , 2017, 92, 64-73.	1.5	21
38	The sleep EEG spectrum is a sexually dimorphic marker of general intelligence. <i>Scientific Reports</i> , 2017, 7, 18070.	1.6	20
39	Flumazenil exerts intrinsic activity on sleep EEG and nocturnal hormone secretion in normal controls. <i>Psychopharmacology</i> , 1994, 113, 334-338.	1.5	19
40	Sleep EEG functional connectivity varies with age and sex, but not general intelligence. <i>Neurobiology of Aging</i> , 2019, 78, 87-97.	1.5	19
41	Cordance derived from REM sleep EEG as a biomarker for treatment response in depression – a naturalistic study after antidepressant medication. <i>Journal of Psychiatric Research</i> , 2015, 63, 97-104.	1.5	16
42	Corticotropin-releasing hormone induces depression-like changes of sleep electroencephalogram in healthy women. <i>Psychoneuroendocrinology</i> , 2016, 74, 302-307.	1.3	15
43	The hemispheric lateralization of sleep spindles in humans. <i>Sleep Spindles & Cortical Up States</i> , 2017, 1, 42-54.	1.5	15
44	Durable memories and efficient neural coding through mnemonic training using the method of loci. <i>Science Advances</i> , 2021, 7, .	4.7	15
45	2D:4D and spatial abilities: From rats to humans. <i>Neurobiology of Learning and Memory</i> , 2018, 151, 85-87.	1.0	11
46	Characterization of the sigma ligand panamesine, a potential antipsychotic, by immune response in patients with schizophrenia and by sleep-EEG changes in normal controls. <i>Psychopharmacology</i> , 1999, 141, 107-110.	1.5	10
47	Motor Skills Enhance Procedural Memory Formation and Protect against Age-Related Decline. <i>PLoS ONE</i> , 2016, 11, e0157770.	1.1	9
48	Sleep fragmentation and lucid dreaming. <i>Consciousness and Cognition</i> , 2020, 84, 102988.	0.8	8
49	Salivary cortisol response to psychosocial stress in the late evening depends on CRHR1 genotype. <i>Psychoneuroendocrinology</i> , 2020, 116, 104685.	1.3	7
50	Commentary article on "The influence of cytokines on wakefulness regulation: clinical relevance, mechanisms and methodological problems". <i>Psychiatria Danubina</i> , 2012, 24, 130-1.	0.2	6
51	Sleep in pituitary insufficient patients compared to patients with depression and healthy controls at baseline and after challenge with CRH. <i>Journal of Psychiatric Research</i> , 2020, 129, 124-128.	1.5	5
52	Effects of chronically high levels of aldosterone on different cognitive dimensions: an investigation in patients with primary aldosteronism. <i>Endocrine Connections</i> , 2019, 8, 407-415.	0.8	4
53	Sleep-endocrine effects of growth hormone-releasing hormone (GHRH) in patients with schizophrenia. <i>Journal of Psychiatric Research</i> , 2018, 101, 1-4.	1.5	3
54	Roles of peptides and steroids in sleep disorders. <i>Expert Review of Endocrinology and Metabolism</i> , 2006, 1, 609-622.	1.2	2

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55	Sleep-EEG in patients with primary aldosteronism in comparison to healthy controls and patients with depression. <i>Journal of Psychiatric Research</i> , 2019, 112, 52-60.	1.5	2
56	<i>Neuroendocrinology of Sleep Disorders.</i> , 0, , 1229-1246.		1
57	REM sleep in patients with depression. , 0, , 383-394.		1
58	FC10-02 - Ghrelin affects sleep, secretion of cortisol and growth hormone and psychopathology in patients with major depression. <i>European Psychiatry</i> , 2011, 26, 1865-1865.	0.1	0
59	Statement of the AGNP in the Context of the Planned Formation of a Fixed Reference Price Group of GABA-Analogues, November 21, 2011. <i>Pharmacopsychiatry</i> , 2012, 45, II-II.	1.7	0
60	Blunted heart rate variability during sleep in drug-naïve major depression is related to poor sleep. , 2017, 50, .		0
61	Tasimelteon reentrains sleep in a patient with phase delay syndrome. , 2017, 50, .		0
62	Sleep Electroencephalogram and CRH R1 Genotype in Healthy Volunteers. , 2017, 50, .		0