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EEG Arousals: Scoring Rules and Examples

DOI: 10.1093/sleep/15.2.173
Sleep, 1992, 15, 173-173.

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1571	From Obstructive Sleep Apnea Syndrome to Upper Airway Resistance Syndrome: Consistency of Daytime Sleepiness. <i>Sleep</i> , 1992 ,	1.1	1
1570	Benzodiazepine associated reversal of the effects of experimental sleep fragmentation. 1993 , 8, 351-356		4
1569	Sleep and the lung: current issues in nocturnal respiratory research. 1993 , 87, 503-7		
1568	A cause of excessive daytime sleepiness. The upper airway resistance syndrome. 1993 , 104, 781-7		790
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1566	The effect of blood pressure cuff inflation on sleep. A polysomnographic examination. 1993 , 6, 888-91		29
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1564	Accuracy of end-tidal and transcutaneous PCO2 monitoring during sleep. 1994 , 106, 472-83		92
1563	Interaction of hyperventilation and arousal in the pathogenesis of idiopathic central sleep apnea. 1994 , 150, 489-95		165
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666	Fatigue: The forgotten symptom of sleep apnea. 2011 , 70, 346-54		14
665	Automated detection of nocturnal slow eye movements modulated by selective serotonin reuptake inhibitors. 2011 , 35, 126-30		5
664	Progressive changes in cortical state before and after spontaneous arousals from sleep in elderly and middle-aged women. 2011 , 175, 184-97		5
663	Serum gamma-glutamyl transferase activity is an independent predictor for cardiovascular disease in obstructive sleep apnea syndrome. 2011 , 105, 637-42		21
662	Airway and alveolar nitric oxide measurements in obstructive sleep apnea syndrome. 2011 , 105, 630-6		43
661	Effects of homeopathic medicines on polysomnographic sleep of young adults with histories of coffee-related insomnia. <i>Sleep Medicine</i> , 2011 , 12, 505-11	4.6	22
660	Sleep profile and symptoms of sleep disorders in patients with stable mild to moderate chronic obstructive pulmonary disease. <i>Sleep Medicine</i> , 2011 , 12, 367-72	4.6	74
659	Increased sympathetic activity in children with obstructive sleep apnea: cardiovascular implications. <i>Sleep Medicine</i> , 2011 , 12, 483-8	4.6	58
658	Cognitive and academic functions are impaired in children with all severities of sleep-disordered breathing. <i>Sleep Medicine</i> , 2011 , 12, 489-96	4.6	150
657	Slow wave sleep in patients with respiratory failure. <i>Sleep Medicine</i> , 2011 , 12, 378-83	4.6	17
656	Effects of adenotonsillectomy on R-R interval and brain natriuretic peptide levels in children with sleep apnea: a preliminary report. <i>Sleep Medicine</i> , 2011 , 12, 646-51	4.6	24
655	Current hypopnea scoring criteria underscore pediatric sleep disordered breathing. <i>Sleep Medicine</i> , 2011 , 12, 720-9	4.6	34

654	Sleep in children with Williams Syndrome. <i>Sleep Medicine</i> , 2011 , 12, 892-7	4.6	44
653	Sleep disturbance in pre-school children with obstructive sleep apnoea syndrome. <i>Sleep Medicine</i> , 2011 , 12, 880-6	4.6	25
652	Adaptive servo ventilation improves cardiac dysfunction and prognosis in chronic heart failure patients with Cheyne-Stokes respiration. 2011 , 52, 218-23		47
651	Monitoring and Staging Human Sleep. 2011 , 1602-1609		21
650	Sleep-stage dynamics in patients with chronic fatigue syndrome with or without fibromyalgia. <i>Sleep</i> , 2011 , 34, 1551-60	1.1	37
649	Consequences of hypoxia-reoxygenation phenomena in patients with obstructive sleep apnea syndrome. 2011 , 31, 14-8		13
648	Single and combined effects of air, road, and rail traffic noise on sleep and recuperation. <i>Sleep</i> , 2011 , 34, 11-23	1.1	164
647	Pulse oximetry for the detection of obstructive sleep apnea syndrome: can the memory capacity of oxygen saturation influence their diagnostic accuracy?. 2011 , 2011, 427028		7
646	Continuous positive airway pressure in severe obstructive sleep apnea reduces pain sensitivity. <i>Sleep</i> , 2011 , 34, 1687-91	1.1	60
645	Long-term follow-up of patients with narcolepsy-cataplexy treated with sodium oxybate (Xyrem). 2011 , 34, 1-4		15
644	Cysteine: a potential biomarker for obstructive sleep apnea. 2011 , 139, 246-252		29
643	Sensorimotor function of the upper-airway muscles and respiratory sensory processing in untreated obstructive sleep apnea. 2011 , 111, 1644-53		69
642	Amelioration of obstructive sleep apnea in REM sleep behavior disorder: implications for the neuromuscular control of OSA. <i>Sleep</i> , 2011 , 34, 909-15	1.1	42
641	Continuous positive airway pressure: evaluation of a novel therapy for patients with acute ischemic stroke. <i>Sleep</i> , 2011 , 34, 1271-7	1.1	119
640	Defining awakening from anesthesia in infants: a narrative review of published descriptions and scales of behavior. 2011 , 21, 364-72		6
639	Comparison of the clinical features of rapid eye movement sleep behavior disorder in patients with Parkinson's disease and multiple system atrophy. 2011 , 65, 264-71		34
638	Changes in respiratory disorder parameters during the night in patients with obstructive sleep apnoea. 2011 , 16, 116-23		7
637	The minimum period of polysomnography required to confirm a diagnosis of severe obstructive sleep apnoea. 2011 , 16, 1096-102		12

636	Randomised controlled trial of auto-adjusting positive airway pressure in morbidly obese patients requiring high therapeutic pressure delivery. 2011 , 20, 233-40		7
635	Home set-up polysomnography in the assessment of suspected obstructive sleep apnea. 2011 , 20, 207-13		51
634	Sleep efficiency during sleep studies: results of a prospective study comparing home-based and in-hospital polysomnography. 2011 , 20, 201-6		59
633	Heart rate and heart rate variability in subjectively reported insomnia. 2011 , 20, 137-45		122
632	Motor disturbances during non-REM and REM sleep in narcolepsy-cataplexy: a video-polysomnographic analysis. 2011 , 20, 514-21		25
631	Phenotyping interindividual variability in obstructive sleep apnoea response to temazepam using ventilatory chemoreflexes during wakefulness. 2011 , 20, 526-32		38
630	Decreased sleep efficiency, increased wake after sleep onset and increased cortical arousals in late pregnancy. 2011 , 51, 38-46		60
629	Alcohol has a dose-related effect on parasympathetic nerve activity during sleep. 2011 , 35, 2093-100		28
628	Associations between sleep architecture and sleep-disordered breathing and cognition in older community-dwelling men: the Osteoporotic Fractures in Men Sleep Study. 2011 , 59, 2217-25		98
627	Assessment of sleep parameters during contingent electrical stimulation in subjects with jaw muscle activity during sleep: a polysomnographic study. 2011 , 119, 211-8		27
626	The stress hormone system in various sleep disorders. 2011 , 45, 1223-8		36
625	The use of epochs to stage sleep results in incorrect computer-generated AHI values. <i>Sleep and Breathing</i> , 2011 , 15, 385-92	3.1	3
624	Does sleep apnea increase the risk of cardiorespiratory complications during endoscopy procedures?. <i>Sleep and Breathing</i> , 2011 , 15, 393-401	3.1	18
623	Changes in cerebral hemoglobin indices in obstructive sleep apnea syndrome with nasal continuous positive airway pressure treatment. <i>Sleep and Breathing</i> , 2011 , 15, 487-92	3.1	18
622	Inspiratory airflow dynamics during sleep in veterans with Gulf War illness: a controlled study. <i>Sleep and Breathing</i> , 2011 , 15, 333-9	3.1	14
621	Use of flow-volume curves to predict oral appliance treatment outcome in obstructive sleep apnea: a prospective validation study. <i>Sleep and Breathing</i> , 2011 , 15, 157-62	3.1	19
620	Sleep apnea syndrome in a young cosmopolite urban adult population: risk factors for disease severity. <i>Sleep and Breathing</i> , 2011 , 15, 543-8	3.1	6
619	Long-term surgical cure of severe obstructive sleep apnea in an adult patient with craniofacial dysostosis (Crouzon's syndrome): a case report and literature review. <i>Sleep and Breathing</i> , 2011 , 15, 239-48	3.1	2

618	The effect of nasal continuous positive airway pressure on the symptoms of Gulf War illness. <i>Sleep and Breathing</i> , 2011 , 15, 579-87	3.1	16
617	Adeno-tonsillectomy and rapid maxillary distraction in pre-pubertal children, a pilot study. <i>Sleep and Breathing</i> , 2011 , 15, 173-7	3.1	75
616	Comparison of the automatic analysis versus the manual scoring from ApneaLink [®] device for the diagnosis of obstructive sleep apnoea syndrome. <i>Sleep and Breathing</i> , 2011 , 15, 679-86	3.1	36
615	Mandibular exercises improve mandibular advancement device therapy for obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 717-27	3.1	39
614	Using a generic measure of quality of life in patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 729-35	3.1	7
613	Increased respiratory effort during sleep is non-invasively detected with movement sensor. <i>Sleep and Breathing</i> , 2011 , 15, 737-46	3.1	22
612	Total antioxidant status in patients with obstructive sleep apnea without comorbidities: the role of the severity of the disease. <i>Sleep and Breathing</i> , 2011 , 15, 861-6	3.1	29
611	The efficacy of oral appliances in the treatment of severe obstructive sleep apnea. <i>Sleep and Breathing</i> , 2011 , 15, 195-201	3.1	37
610	The nasomaxillary complex, the mandible, and sleep-disordered breathing. <i>Sleep and Breathing</i> , 2011 , 15, 185-93	3.1	50
609	Clinical significance of periodic leg movements during sleep in rapid eye movement sleep behavior disorder. 2011 , 258, 1971-8		17
608	Tension-type headache and sleep apnea in the general population. 2011 , 12, 63-9		23
607	Migraine and sleep apnea in the general population. 2011 , 12, 55-61		49
606	Sleep quality in mechanically ventilated patients: comparison between NAVA and PSV modes. 2011 , 1, 42		57
605	Subthalamic nucleus deep brain stimulation restores normal rapid eye movement sleep in Parkinson's disease. 2011 , 26, 2418-22		32
604	Efficacy of modafinil on excessive daytime sleepiness in Prader-Willi syndrome. 2011 , 155A, 1552-7		36
603	Termination of respiratory events with and without cortical arousal in obstructive sleep apnea. 2011 , 184, 1183-91		58
602	Detection of arousals in Parkinson's disease patients. 2011 , 2011, 2764-7		1
601	Artifact and recording concepts in EEG. 2011 , 28, 252-63		88

600	Obstructive sleep apnoea and perioperative complications in bariatric patients. 2011 , 106, 131-9	104
599	Serial polysomnography in hypnic headache. 2011 , 31, 286-90	32
598	Mechanisms of sleepiness in obstructive sleep apnea. 2011 , 192-204	
597	Monitoring sleep-wake rhythm with actigraphy in patients on continuous positive airway pressure therapy. 2011 , 82, 136-41	9
596	Circulating microparticles in children with sleep disordered breathing. 2011 , 140, 408-417	42
595	Influence of oral and craniofacial dimensions on mandibular advancement splint treatment outcome in patients with obstructive sleep apnea. 2011 , 139, 1331-1339	30
594	Continuous transcutaneous submental electrical stimulation in obstructive sleep apnea: a feasibility study. 2011 , 140, 998-1007	35
593	A method to screen obstructive sleep apnea using multi-variable non-intrusive measurements. <i>Physiological Measurement</i> , 2011 , 32, 445-65	2.9 12
592	Leak profile inspection during nasal continuous positive airway pressure. 2011 , 56, 591-5	8
591	Dreams in Patients with Sleep Disorders. 2011 , 604-612	2
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589	Eszopiclone increases the respiratory arousal threshold and lowers the apnoea/hypopnoea index in obstructive sleep apnoea patients with a low arousal threshold. 2011 , 120, 505-14	215
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587	Normal sleep-recording and scoring techniques. 2011 , 98, 29-43	2
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585	Esophageal sensation in premature human neonates: temporal relationships and implications of aerodigestive reflexes and electrocortical arousals. 2012 , 302, G134-44	34
584	Disturbed sleep patterns in elders with mild cognitive impairment: the role of memory decline and ApoE ϵ genotype. 2012 , 9, 290-7	77
583	A computerized algorithm for arousal detection in healthy adults and patients with Parkinson disease. 2012 , 29, 58-64	6

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581	Effects of home-based exercise training for patients with chronic heart failure and sleep apnoea: a randomized comparison of two different programmes. 2012 , 26, 45-57		48
580	Respiratory and spontaneous arousals in patients with Sleep Apnea Hypopnea Syndrome. 2012 , 2012, 6337-40		2
579	DYNAMICS UNDERLYING PATIENT-VENTILATOR INTERACTIONS DURING NOCTURNAL NONINVASIVE VENTILATION. 2012 , 22, 1250030		4
578	Sleep apnoea headache in the general population. 2012 , 32, 451-8		38
577	Cluster headache shows no association with rapid eye movement sleep. 2012 , 32, 289-96		22
576	Sleep-related groaning: prevalence and characteristics in a cohort of patients with suspected obstructive sleep apnea. 2012 , 132, 90-5		6
575	Cardiovascular effects of partial sleep deprivation in healthy volunteers. 2012 , 113, 232-6		132
574	The upper airway resistance syndrome. 2012 , 83, 559-66		50
573	Maxillomandibular advancement in the management of obstructive sleep apnea. 2012 , 2012, 373025		23
572	The association of race/ethnicity with objectively measured sleep characteristics in older men. 2011 , 10, 54-69		31
571	Impact of gender on snore-based obstructive sleep apnea screening. <i>Physiological Measurement</i> , 2012 , 33, 587-601	2.9	8
570	A mediation model linking body weight, cognition, and sleep-disordered breathing. 2012 , 185, 199-205		52
569	Impact of nephrotic edema of the lower limbs on obstructive sleep apnea: gathering a unifying concept for the pathogenetic role of nocturnal rostral fluid shift. 2012 , 27, 2788-94		24
568	Obstructive apnea hypopnea index estimation by analysis of nocturnal snoring signals in adults. <i>Sleep</i> , 2012 , 35, 1299-305C	1.1	68
567	Endothelial dysfunction in children without hypertension: potential contributions of obesity and obstructive sleep apnea. 2012 , 141, 682-691		91
566	Magnetic resonance spectroscopy and neurocognitive dysfunction in obstructive sleep apnea before and after CPAP treatment. <i>Sleep</i> , 2012 , 35, 41-8	1.1	82
565	Abnormal sleep-cardiovascular system interaction in narcolepsy with cataplexy: effects of hypocretin deficiency in humans. <i>Sleep</i> , 2012 , 35, 519-28	1.1	68

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563	AASM criteria for scoring respiratory events: interaction between apnea sensor and hypopnea definition. <i>Sleep</i> , 2012 , 35, 425-32	1.1	49
562	Periodic leg movement, nasal CPAP, and expiratory muscles. 2012 , 142, 111-118		23
561	Treatment outcome of the two-part semi-rigid oral appliance in obstructive sleep apnea. 2012 , 9, 49-54		4
560	Evaluation of atrial electromechanical delay and left atrial mechanical function in patients with obstructive sleep apnea : Cardiac involvement in patients with OSA. 2012 , 124, 444-52		1
559	Risk factors for post-operative complications in Chinese children with tonsillectomy and adenoidectomy for obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 909-11	3.1	8
558	Nasal versus oronasal continuous positive airway pressure masks for obstructive sleep apnea: a pilot investigation of pressure requirement, residual disease, and leak. <i>Sleep and Breathing</i> , 2012 , 16, 709-16	3.1	49
557	Continuous positive airway pressure intolerance associated with elevated nasal resistance is possible mechanism of complex sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 747-52	3.1	14
556	Auto bi-level pressure relief-PAP is as effective as CPAP in OSA patients--a pilot study. <i>Sleep and Breathing</i> , 2012 , 16, 773-9	3.1	21
555	Complete denture wear during sleep in elderly sleep apnea patients--a preliminary study. <i>Sleep and Breathing</i> , 2012 , 16, 855-63	3.1	31
554	Efficiency of invasive mechanical ventilation during sleep in Duchenne muscular dystrophy. <i>Sleep Medicine</i> , 2012 , 13, 1056-65	4.6	13
553	Sleep disordered breathing in patients with primary Sjögren's syndrome: a group controlled study. <i>Sleep Medicine</i> , 2012 , 13, 1066-70	4.6	33
552	Diaphragm pacing improves sleep in patients with amyotrophic lateral sclerosis. 2012 , 13, 44-54		38
551	REM Sleep Bout Duration and Frequency in PTSD. 2012 , 21, 67-76		5
550	Impact of obstructive sleep apnea on sleep-wake stage ratio. 2012 , 2012, 4660-3		12
549	Post-sleep inertia performance benefits of longer naps in simulated nightwork and extended operations. 2012 , 29, 1249-57		25
548	A new classification for sleep analysis in critically ill patients. <i>Sleep Medicine</i> , 2012 , 13, 7-14	4.6	103
547	Increased serum levels of advanced glycation end-products is associated with severity of sleep disordered breathing but not insulin sensitivity in non-diabetic men with obstructive sleep apnoea. <i>Sleep Medicine</i> , 2012 , 13, 15-20	4.6	24

546	Physiologic autonomic arousal heralds motor manifestations of seizures in nocturnal frontal lobe epilepsy: implications for pathophysiology. <i>Sleep Medicine</i> , 2012 , 13, 252-62	4.6	42
545	Sleep-disordered breathing in preschool children is associated with behavioral, but not cognitive, impairments. <i>Sleep Medicine</i> , 2012 , 13, 621-31	4.6	90
544	Sleep-disordered breathing in premenopausal women: differences between younger (less than 30 years old) and older women. <i>Sleep Medicine</i> , 2012 , 13, 656-62	4.6	28
543	Cyclic alternating pattern (CAP): the marker of sleep instability. 2012 , 16, 27-45		249
542	Factors associated with severity of daytime sleepiness and indications for initiating treatment in patients with periodic limb movements during sleep. 2012 , 10, 187-194		1
541	High altitude exposure impairs sleep patterns, mood, and cognitive functions. 2012 , 49, 1298-306		104
540	Pilot study assessing the impact of intrathecal baclofen administration mode on sleep-related respiratory parameters. 2012 , 93, 96-9		23
539	Differences in findings of nocturnal polysomnography and multiple sleep latency test between narcolepsy and idiopathic hypersomnia. 2012 , 123, 137-41		36
538	Increased cerebral blood flow in the right frontal lobe area during sleep precedes self-awakening in humans. 2012 , 13, 153		5
537	Respiratory response to proton pump inhibitor treatment in children with obstructive sleep apnea syndrome and gastroesophageal reflux disease. <i>Sleep Medicine</i> , 2012 , 13, 824-30	4.6	25
536	Clinical significance of obstructive sleep apnea in middle aged and elderly. 2012 , 3, 213-218		0
535	Overlap syndrome: additive effects of COPD on the cardiovascular damages in patients with OSA. 2012 , 106, 1335-41		37
534	Asynchronies and sleep disruption in neuromuscular patients under home noninvasive ventilation. 2012 , 106, 1478-85		25
533	Change in frequency of periodic limb movements during sleep with usage of continuous positive airway pressure in obstructive sleep apnea syndrome. 2012 , 317, 13-6		19
532	Atrial remodeling in obstructive sleep apnea: implications for atrial fibrillation. 2012 , 9, 321-7		213
531	Time course of EEG slow-wave activity in pre-school children with sleep disordered breathing: a possible mechanism for daytime deficits?. <i>Sleep Medicine</i> , 2012 , 13, 999-1005	4.6	22
530	Adaptive servo ventilation improves Cheyne-Stokes respiration, cardiac function, and prognosis in chronic heart failure patients with cardiac resynchronization therapy. 2012 , 60, 222-7		34
529	How smoking affects sleep: a polysomnographical analysis. <i>Sleep Medicine</i> , 2012 , 13, 1286-92	4.6	127

528	Obstructive sleep apnea. 2012 , 2, 2541-94		84
527	Effects of intensive outpatient training on the adherence of CPAP therapy for patients with OSA. <i>Somnologie</i> , 2012 , 16, 251-256	2	6
526	Acupuncture improves sleep in postmenopause in a randomized, double-blind, placebo-controlled study. 2013 , 16, 36-40		32
525	Indication of CPAP in Patients with Suspected Obstructive Sleep Apnea, Based on Clinical Parameters and a Novel Two-Channel Recording Device (ApneaLink): A Pilot Study. 2012 , 2012, 346181		3
524	Electrocardiogram-based sleep spectrogram measures of sleep stability and glucose disposal in sleep disordered breathing. <i>Sleep</i> , 2012 , 35, 139-48	1.1	15
523	Polysomnography in preterm infants and children with chronic lung disease. 2012 , 47, 172-9		30
522	Validation of sleep-related breathing disorder scale in Hong Kong Chinese snoring children. 2012 , 47, 795-800		9
521	Attenuated heart rate response in REM sleep behavior disorder and Parkinson's disease. 2012 , 27, 888-94		36
520	Excessive daytime sleepiness and sleep-disordered breathing disturbances in survivors of childhood central nervous system tumors. 2012 , 58, 746-51		40
519	Obstructive sleep apnea syndrome is related to the progression of chronic kidney disease. 2012 , 44, 535-9		47
518	Nocturnal moaning and groaning-catathrenia or nocturnal vocalizations. <i>Sleep and Breathing</i> , 2012 , 16, 367-73	3.1	19
517	Polysomnographic characteristics of daytime sleepiness in obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 375-81	3.1	37
516	Novel mathematical processing method of nocturnal oximetry for screening patients with suspected sleep apnoea syndrome. <i>Sleep and Breathing</i> , 2012 , 16, 419-25	3.1	13
515	Correlations of sleep disorders with severity of obstructive airway disease in mustard gas-injured patients. <i>Sleep and Breathing</i> , 2012 , 16, 443-51	3.1	8
514	Normal and elevated HbA1C levels correlate with severity of hypoxemia in patients with obstructive sleep apnea and decrease following CPAP treatment. <i>Sleep and Breathing</i> , 2012 , 16, 461-6	3.1	51
513	EEG spectral analysis of apnoeic events confirms visual scoring in childhood sleep disordered breathing. <i>Sleep and Breathing</i> , 2012 , 16, 491-7	3.1	15
512	The effect of one night of continuous positive airway pressure therapy on oxidative stress and antioxidant defense in hypertensive patients with severe obstructive sleep apnea. <i>Sleep and Breathing</i> , 2012 , 16, 499-504	3.1	21
511	The sleep/wake state scoring from mandible movement signal. <i>Sleep and Breathing</i> , 2012 , 16, 535-42	3.1	18

510	The relationship between the Epworth Sleepiness Scale and polysomnographic parameters in obstructive sleep apnea patients. 2012 , 269, 1143-7		20
509	Red cell distribution width in patients with obstructive sleep apnea syndrome. 2012 , 190, 319-26		36
508	The effects of a session of resistance training on sleep patterns in the elderly. 2012 , 112, 2403-8		19
507	Phenotypes of patients with mild to moderate obstructive sleep apnoea as confirmed by cluster analysis. 2012 , 17, 99-107		76
506	A hybrid approach for continuous detection of sleep-wakefulness fluctuations: validation in patients with Cheyne-Stokes respiration. 2012 , 21, 342-51		10
505	Effect of upper airway surgery on heart rate variability in patients with obstructive sleep apnoea syndrome. 2012 , 21, 316-21		15
504	Examining nocturnal railway noise and aircraft noise in the field: sleep, psychomotor performance, and annoyance. 2012 , 424, 48-56		60
503	Comparison of heart rate variability (HRV) and nasal pressure in obstructive sleep apnea (OSA) patients during sleep apnea. 2012 , 45, 993-1000		12
502	Entropy-based measures for quantifying sleep-stage transition dynamics: relationship to sleep fragmentation and daytime sleepiness. 2012 , 59, 787-96		20
501	Periodic leg movements in sleep in elderly patients with Parkinsonism and Alzheimer's disease. 2012 , 19, 918-23		23
500	Is mandatory screening for obstructive sleep apnea with polysomnography in all severely obese patients indicated?. <i>Sleep and Breathing</i> , 2012 , 16, 163-8	3.1	29
499	Primary snoring in school children: prevalence and neurocognitive impairments. <i>Sleep and Breathing</i> , 2012 , 16, 23-9	3.1	90
498	Sleep and cardiovascular regulation. 2012 , 463, 161-8		56
497	Obstructive sleep apnea in Treacher Collins syndrome. 2012 , 269, 331-7		37
496	Added value of a mandible movement automated analysis in the screening of obstructive sleep apnea. 2013 , 22, 96-103		12
495	A system for portable sleep apnea diagnosis using an embedded data capturing module. 2013 , 27, 303-11		27
494	Nocturnal CPAP improves walking capacity in COPD patients with obstructive sleep apnoea. 2013 , 14, 66		18
493	The Evolution of Diagnostic Rules and Standards for Sleep-Related Movement Disorders. 2013 , 1-9		

492	Significance of triphasic waves in patients with acute encephalopathy: a nine-year cohort study. 2013 , 124, 1952-8		60
491	Clinical significance of REM sleep behavior disorder in Parkinson's disease. <i>Sleep Medicine</i> , 2013 , 14, 131-46		87
490	Profile of circulating cytokines: impact of OSA, obesity and acute cardiovascular events. 2013 , 62, 210-6		58
489	Relationship between atrial conduction delay and obstructive sleep apnea. 2013 , 28, 639-45		27
488	The influence of nasal abnormalities in adherence to continuous positive airway pressure device therapy in obstructive sleep apnea patients. <i>Sleep and Breathing</i> , 2013 , 17, 1201-7	3.1	8
487	Respiratory effort-related arousals contribute to sympathetic modulation of heart rate variability. <i>Sleep and Breathing</i> , 2013 , 17, 1193-200	3.1	14
486	A comparison of inspiratory airflow dynamics during sleep between upper airway resistance syndrome patients and healthy controls. <i>Sleep and Breathing</i> , 2013 , 17, 1169-78	3.1	5
485	Correlation between sleep parameters, physical activity and quality of life in somnolent moderate to severe obstructive sleep apnea adult patients. <i>Sleep and Breathing</i> , 2013 , 17, 1039-46	3.1	25
484	Clinical and polysomnographic differences between OSAH patients with/without excessive daytime sleepiness. <i>Sleep and Breathing</i> , 2013 , 17, 1079-86	3.1	9
483	Oxidative stress in patients with obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2013 , 17, 549-551	3.1	42
482	Validity of sheet-type portable monitoring device for screening obstructive sleep apnea syndrome. <i>Sleep and Breathing</i> , 2013 , 17, 589-95	3.1	14
481	Autonomic dysfunction in children with sleep disordered breathing. <i>Sleep and Breathing</i> , 2013 , 17, 605-13	3.1	45
480	Depressive symptoms in patients with obstructive sleep apnea/hypopnea syndrome. <i>Sleep and Breathing</i> , 2013 , 17, 615-20	3.1	12
479	Parent versus teacher report of daytime behavior in snoring children. <i>Sleep and Breathing</i> , 2013 , 17, 637-45	3.1	8
478	Assessment of sleep quality by pulse wave amplitude and actigraphy in children with sleep-disordered breathing: evaluation at diagnosis and under non-invasive ventilation. <i>Sleep and Breathing</i> , 2013 , 17, 827-35	3.1	9
477	Analysis of cardiopulmonary coupling to assess adaptive servo-ventilation success in complex sleep apnea management. <i>Sleep and Breathing</i> , 2013 , 17, 861-6	3.1	9
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475	Cyclic alternating pattern analysis in REM sleep behavior disorder. <i>Sleep and Breathing</i> , 2013 , 17, 209-15	3.1	8

474	Subjective sleepiness and daytime functioning in bariatric patients with obstructive sleep apnea. <i>Sleep and Breathing</i> , 2013 , 17, 267-74	3.1	29
473	Elevation of plasma basic fibroblast growth factor after nocturnal hypoxic events in patients with obstructive sleep apnea syndrome. 2013 , 2, 260		2
472	Obstructive sleep apnea screening by integrating snore feature classes. <i>Physiological Measurement</i> , 2013 , 34, 99-121	2.9	30
471	Sleep bruxism and oromandibular myoclonus in rapid eye movement sleep behavior disorder: a preliminary report. <i>Sleep Medicine</i> , 2013 , 14, 1024-30	4.6	28
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469	Real-time attended home-polysomnography with telematic data transmission. 2013 , 82, 696-701		41
468	Validation of an automated algorithm for detecting apneas and hypopneas by acoustic analysis of breath sounds. <i>Sleep Medicine</i> , 2013 , 14, 562-71	4.6	29
467	Emfit movement sensor in evaluating nocturnal breathing. 2013 , 187, 183-9		29
466	Factors associated with the efficacy of mandibular advancing device treatment in adult OSA patients. 2013 , 11, 278-89		9
465	A four year follow-up of sleep and respiratory measures in elementary school-aged children with sleep disordered breathing. <i>Sleep Medicine</i> , 2013 , 14, 440-8	4.6	24
464	The effects of a single mild dose of morphine on chemoreflexes and breathing in obstructive sleep apnea. 2013 , 185, 526-32		38
463	Upper airway anatomical changes after velopharyngeal surgery in obstructive sleep apnea patients with small tonsils. 2013 , 149, 335-41		11
462	Neurophysiology of juvenile myoclonic epilepsy. 2013 , 28 Suppl 1, S30-9		32
461	Change in heart rate variability precedes the occurrence of periodic leg movements during sleep: an observational study. 2013 , 13, 139		17
460	Sleep Fragmentation. 2013 , 169-172		
459	A one-hour sleep restriction impacts brain processing in young children across tasks: evidence from event-related potentials. 2013 , 38, 317-36		32
458	Artifact-related epilepsy. 2013 , 80, S12-25		22
457	Usefulness of desaturation index for the assessment of obstructive sleep apnea syndrome in children. 2013 , 77, 1286-90		46

456	Characterization of the acute pulse transit time response to obstructive apneas and hypopneas in preschool children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2013 , 14, 1123-31	4.6	29
455	Blood pressure changes associated with periodic leg movements during sleep in healthy subjects. <i>Sleep Medicine</i> , 2013 , 14, 555-61	4.6	90
454	Effect of speech therapy as adjunct treatment to continuous positive airway pressure on the quality of life of patients with obstructive sleep apnea. <i>Sleep Medicine</i> , 2013 , 14, 628-35	4.6	42
453	Improvement of sleep-disordered breathing in children is associated with a reduction in overnight blood pressure. <i>Sleep Medicine</i> , 2013 , 14, 1295-303	4.6	26
452	Relationship of serum ferritin levels to sleep fragmentation and periodic limb movements of sleep on polysomnography in autism spectrum disorders. 2013 , 49, 274-8		39
451	Testing the involvement of the prefrontal cortex in lucid dreaming: a tDCS study. 2013 , 22, 1214-22		52
450	The effect of surgically assisted rapid maxillary expansion on sleep architecture: an exploratory risk study in healthy young adults. 2013 , 40, 818-25		11
449	Defining phenotypic causes of obstructive sleep apnea. Identification of novel therapeutic targets. 2013 , 188, 996-1004		577
448	Critical role of myofascial reeducation in pediatric sleep-disordered breathing. <i>Sleep Medicine</i> , 2013 , 14, 518-25	4.6	100
447	Circulating adropin concentrations in pediatric obstructive sleep apnea: potential relevance to endothelial function. 2013 , 163, 1122-6		54
446	Facteurs associés à l'efficacité des orthèses d'avancè mandibulaire chez des patients AOS. 2013 , 11, 278-289		15
445	The effect of seasonality on sleep-disordered breathing severity in children. <i>Sleep Medicine</i> , 2013 , 14, 991-4	4.6	9
444	The microstructure of sleep in primary insomnia: an overview and extension. 2013 , 89, 171-80		90
443	CPAP effect on recurrent episodes in patients with sleep apnea and myocardial infarction. 2013 , 168, 1328-35		71
442	Contrasting effects of lower body positive pressure on upper airways resistance and partial pressure of carbon dioxide in men with heart failure and obstructive or central sleep apnea. 2013 , 61, 1157-66		37
441	Stress vulnerability and the effects of moderate daily stress on sleep polysomnography and subjective sleepiness. 2013 , 22, 50-7		48
440	Clinical and imaging correlates of EEG patterns in hospitalized patients with encephalopathy. 2013 , 260, 1087-98		71
439	The impact of sleep duration in obstructive sleep apnea patients. <i>Sleep and Breathing</i> , 2013 , 17, 837-43	3.1	18

438	Teenage sleep-disordered breathing: recurrence of syndrome. <i>Sleep Medicine</i> , 2013 , 14, 37-44	4.6	37
437	Differing effects of obstructive and central sleep apneas on stroke volume in patients with heart failure. 2013 , 187, 433-8		62
436	Dopamine transporter shown by SPECT in patients with periodic leg movement after acute physical exercise. 2013 , 45, 224-9		9
435	Z-palatoplasty and tongue radiofrequency for patients with small tonsils. 2013 , 148, 873-7		6
434	Do all individuals with sleep apnea suffer from daytime sleepiness? A preliminary investigation. 2013 , 18, 750-61		2
433	Mean platelet volume in patients with obstructive sleep apnea syndrome and its relationship with cardiovascular diseases. 2013 , 24, 532-6		28
432	Submucosal lingualplasty for adult obstructive sleep apnea. 2013 , 148, 157-65		20
431	Dynamic Structure of NREM Sleep. 2013 ,		15
430	Sleep architecture in ziprasidone-treated bipolar depression: a pilot study. 2013 , 3, 139-49		14
429	Effect of ventilatory variability on occurrence of central apneas. 2013 , 58, 745-53		9
428	Polysomnographic and subjective sleep markers of mild cognitive impairment. <i>Sleep</i> , 2013 , 36, 1327-34	1.1	82
427	Executive functioning in obstructive sleep apnea syndrome patients without comorbidities: focus on the fractionation of executive functions. 2013 , 35, 1094-107		19
426	Consecutive transcranial magnetic stimulation twitches reduce flow limitation during sleep in apnoeic patients. 2013 , 98, 1366-75		11
425	Comparison of manual versus automatic continuous positive airway pressure titration and the development of a predictive equation for therapeutic continuous positive airway pressure in Chinese patients with obstructive sleep apnoea. 2013 , 18, 528-33		9
424	Reduced Verbal Memory Retention is Unrelated to Sleep Disturbance During Pregnancy. 2013 , 48, 196-208		5
423	Reduced exercise capacity in Greek children with mild to moderate obstructive sleep apnea syndrome. 2013 , 48, 1237-45		4
422	On the impact of arousals on the performance of sleep and wake classification using actigraphy. 2013 , 2013, 6760-3		2
421	Adolescents and young adults with Down syndrome presenting to a medical clinic with depression: co-morbid obstructive sleep apnea. 2013 , 161A, 2188-96		31

420	Low-grade albuminuria in children with obstructive sleep apnea. 2013 , 22, 289-94		7
419	Obstructive sleep apnea, excessive daytime sleepiness, and morning plasma TNF- α levels in Greek children. <i>Sleep</i> , 2013 , 36, 1633-8	1.1	12
418	Altered resting-state brain activity in obstructive sleep apnea. <i>Sleep</i> , 2013 , 36, 651-659B	1.1	66
417	Sleep transitions in hypocretin-deficient narcolepsy. <i>Sleep</i> , 2013 , 36, 1173-7	1.1	45
416	Sleep spindle activity and cognitive performance in healthy children. <i>Sleep</i> , 2013 , 36, 237-43	1.1	72
415	Localized cortical thinning in patients with obstructive sleep apnea syndrome. <i>Sleep</i> , 2013 , 36, 1153-62	1.1	60
414	Nocturnal intermittent hypoxia is independently associated with pain in subjects suffering from sleep-disordered breathing. 2013 , 119, 1149-62		60
413	Sleep-disordered breathing in Ehlers-Danlos syndrome: a genetic model of OSA. 2013 , 144, 1503-1511		50
412	Cognition and biomarkers of oxidative stress in obstructive sleep apnea. 2013 , 68, 449-55		29
411	Attenuated heart rate response is associated with hypocretin deficiency in patients with narcolepsy. <i>Sleep</i> , 2013 , 36, 91-8	1.1	37
410	Reflex tachycardia with airway opening in obstructive sleep apnea. <i>Sleep</i> , 2013 , 36, 819-21	1.1	7
409	Low morning serum cortisol levels in children with tonsillar hypertrophy and moderate-to-severe OSA. <i>Sleep</i> , 2013 , 36, 1349-54	1.1	11
408	Experimental pain and opioid analgesia in volunteers at high risk for obstructive sleep apnea. 2013 , 8, e54807		76
407	TREM-1 and pentraxin-3 plasma levels and their association with obstructive sleep apnea, obesity, and endothelial function in children. <i>Sleep</i> , 2013 , 36, 923-31	1.1	29
406	Pediatric Polysomnography. 2013 , 52-58		
405	Defending sleepwalkers with science and an illustrative case. <i>Journal of Clinical Sleep Medicine</i> , 2013 , 9, 721-6	3.1	9
404	Polysomnography. 2013 , 465-474		
403	The circadian regulation of sleep: impact of a functional ADA-polymorphism and its association to working memory improvements. 2014 , 9, e113734		5

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401	Sleep quality under mild hypoxia in men with low hypoxic ventilatory response. 2014 , 14 Suppl 1, S205-12	4
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399	Exercise improves immune function, antidepressive response, and sleep quality in patients with chronic primary insomnia. 2014 , 2014, 498961	31
398	Evaluation of candidate measures for home-based screening of sleep disordered breathing in Taiwanese bus drivers. 2014 , 14, 8126-49	6
397	Acetazolamide attenuates Hunter-Cheyne-Stokes breathing but augments the hypercapnic ventilatory response in patients with heart failure. 2014 , 11, 80-6	45
396	Apnea-related sleep fragmentation and poor vigilance in children with well-controlled asthma. 2013 , 23, 189	5
395	The conundrum of primary snoring in children: what are we missing in regards to cognitive and behavioural morbidity?. 2014 , 18, 463-75	52
394	Uncovering clinical and radiological associations of triphasic waves in acute encephalopathy: a case-control study. 2014 , 21, 660-6	36
393	Pulse transit time as a surrogate measure of changes in systolic arterial pressure in children during sleep. 2014 , 23, 406-13	27
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391	Gestational diabetes mellitus and sleep-disordered breathing. 2014 , 123, 634-641	28
390	Sleep disorders in multiple sclerosis in China: clinical, polysomnography study, and review of the literature. 2014 , 31, 375-81	24
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388	Cyclic alternating pattern in polysomnography: what is it and what does it mean?. 2014 , 20, 533-41	22
387	Screening sleep disordered breathing in stroke unit. 2014 , 2014, 317615	8
386	Mesenteric fat thickness is associated with increased risk of obstructive sleep apnoea. 2014 , 19, 92-7	19
385	The α_1 adrenoceptor antagonist prazosin enhances sleep continuity in fear-conditioned Wistar-Kyoto rats. 2014 , 49, 7-15	9

384	Parental history of adenotonsillectomy is associated with obstructive sleep apnea severity in children with snoring. 2014 , 164, 1352-7		9
383	Long-term changes in heart rate variability in elementary school-aged children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2014 , 15, 76-82	4.6	11
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379	Mandibular advancement device and CPAP upon cardiovascular parameters in OSA. <i>Sleep and Breathing</i> , 2014 , 18, 749-59	3.1	52
378	Intermittent fasting during Ramadan: does it affect sleep?. 2014 , 23, 35-43		55
377	Narcolepsy-cataplexy and schizophrenia in adolescents. <i>Sleep Medicine</i> , 2014 , 15, 15-22	4.6	45
376	Arousal from sleep: implications for obstructive sleep apnea pathogenesis and treatment. 2014 , 116, 302-13		168
375	Hypoxia during sleep and the risk of falls and fractures in older men: the Osteoporotic Fractures in Men Sleep Study. 2014 , 62, 1853-9		27
374	Nocturnal enuresis is associated with moderate-to-severe obstructive sleep apnea in children with snoring. 2014 , 76, 555-9		43
373	Pineal gland volume in primary insomnia and healthy controls: a magnetic resonance imaging study. 2014 , 23, 274-80		33
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369	Reactivating memories during sleep by odors: odor specificity and associated changes in sleep oscillations. 2014 , 26, 1806-18		68
368	Why does adenotonsillectomy not correct enuresis in all children with sleep disordered breathing?. 2014 , 191, 1592-6		24
367	Long-term changes in blood pressure control in elementary school-aged children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2014 , 15, 83-90	4.6	24

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364	Daytime dysfunction in children with restless legs syndrome. 2014 , 336, 232-6		27
363	Sleep deficits in mild cognitive impairment are related to increased levels of plasma amyloid- β and cortical thinning. 2014 , 98, 395-404		36
362	Are stroke cases affected by sleep disordered breathings all the same?. 2014 , 83, 217-23		6
361	Semi-automatic sleep EEG scoring based on the hypnospectrogram. 2014 , 221, 189-195		13
360	Criterion validity of the Pittsburgh Sleep Quality Index and Epworth Sleepiness Scale for the diagnosis of sleep disorders. <i>Sleep Medicine</i> , 2014 , 15, 422-9	4.6	52
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358	Trazodone increases the respiratory arousal threshold in patients with obstructive sleep apnea and a low arousal threshold. <i>Sleep</i> , 2014 , 37, 811-9	1.1	90
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354	Relationship between arousal intensity and heart rate response to arousal. <i>Sleep</i> , 2014 , 37, 645-53	1.1	71
353	Effect of intensified diuretic therapy on overnight rostral fluid shift and obstructive sleep apnoea in patients with uncontrolled hypertension. 2014 , 32, 673-80		79
352	Association between endothelial function (assessed on reactive hyperemia peripheral arterial tonometry) and obstructive sleep apnea, visceral fat accumulation, and serum adiponectin. 2015 , 79, 1381-9		21
351	Arousal Responses during Overnight Polysomnography and their Reproducibility in Healthy Young Adults. <i>Sleep</i> , 2015 , 38, 1313-21	1.1	30
350	Advanced Analysis of Pharmaco-Sleep Data in Humans. 2015 , 72, 178-87		1
349	Clinical factors associated with extreme sleep apnoea [AHI>100 events per hour] in Peruvian patients: A case-control study-A preliminary report. 2015 , 8, 31-5		6

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347	Relationships between sleep stages and changes in cognitive function in older men: the MrOS Sleep Study. <i>Sleep</i> , 2015 , 38, 411-21	1.1	66
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345	Sleep pattern in Charcot-Marie-Tooth disease type 2: report of family case series. <i>Journal of Clinical Sleep Medicine</i> , 2015 , 11, 205-11	3.1	4
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343	lii. Sleep assessment methods. 2015 , 80, 33-48		137
342	Association of sleep characteristics with atrial fibrillation: the Multi-Ethnic Study of Atherosclerosis. 2015 , 70, 873-9		58
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338	Delayed brachial artery dilation response and increased resting blood flow velocity in young children with mild sleep-disordered breathing. <i>Sleep Medicine</i> , 2015 , 16, 1451-6	4.6	15
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334	REM sleep as a potential indicator of hyperarousal in psychophysiological and paradoxical insomnia sufferers. 2015 , 95, 372-8		14
333	The sleep characteristics in symptomatic patients with Duchenne muscular dystrophy. <i>Sleep and Breathing</i> , 2015 , 19, 1051-6	3.1	16
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330	Sleep-related cortical arousals in adult subjects with negative polysomnography. <i>Sleep and Breathing</i> , 2015 , 19, 989-96	3.1	4
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326	Functional disconnection of the right anterior insula in obstructive sleep apnea. <i>Sleep Medicine</i> , 2015 , 16, 1062-70	4.6	34
325	Beneficial effects of a multifaceted 1-year lifestyle intervention on metabolic abnormalities in obese adolescents with and without sleep-disordered breathing. 2015 , 13, 110-8		15
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323	A new mHealth communication framework for use in wearable WBANs and mobile technologies. 2015 , 15, 3379-408		18
322	Replay of conditioned stimuli during late REM and stage N2 sleep influences affective tone rather than emotional memory strength. 2015 , 122, 142-51		23
321	Heart rate variability evaluation of Emfit sleep mattress breathing categories in NREM sleep. 2015 , 126, 967-74		5
320	Continuous positive airway pressure treatment improves cardiovascular outcomes in elderly patients with cardiovascular disease and obstructive sleep apnea. 2015 , 30, 61-9		32
319	Characterization of sleep disorders in patients with E200K familial Creutzfeldt-Jakob disease. 2015 , 262, 443-50		6
318	An automated algorithm to identify and reject artefacts for quantitative EEG analysis during sleep in patients with sleep-disordered breathing. <i>Sleep and Breathing</i> , 2015 , 19, 607-15	3.1	23
317	Diagnostic accuracy of home-based monitoring system in morbidly obese patients with high risk for sleep apnea. 2015 , 25, 845-51		10
316	Bidirectional interactions between the baroreceptor reflex and arousal: an update. <i>Sleep Medicine</i> , 2015 , 16, 210-6	4.6	41
315	Nocturnal Intermittent Hypoxia Is Associated With Left Ventricular Hypertrophy in Middle-Aged Men With Hypertension and Obstructive Sleep Apnea. 2016 , 29, 372-8		11
314	Overnight Effects of Obstructive Sleep Apnea and Its Treatment on Stroke Volume in Patients With Heart Failure. 2015 , 31, 832-8		17
313	Differences in electroencephalographic findings among categories of narcolepsy-spectrum disorders. <i>Sleep Medicine</i> , 2015 , 16, 999-1005	4.6	8

3 ¹²	Associations between sleep-disordered breathing, nocturnal hypoxemia, and subsequent cognitive decline in older community-dwelling men: the Osteoporotic Fractures in Men Sleep Study. 2015 , 63, 453-61		72
3 ¹¹	Short-term blood pressure variability in hypertensive patients with obstructive sleep apnea syndrome. 2015 , 13, 117-126		1
3 ¹⁰	Impact of non-dipping on cardiovascular outcomes in patients with obstructive sleep apnea syndrome. 2015 , 37, 449-53		18
3 ⁰⁹	Obstructive Sleep Apnea Severity and Overnight Body Fluid Shift before and after Hemodialysis. 2015 , 10, 1002-10		38
3 ⁰⁸	Genetic associations of periodic limb movements of sleep in the elderly for the MrOS sleep study. <i>Sleep Medicine</i> , 2015 , 16, 1360-1365	4.6	18
3 ⁰⁷	Inhibition of tumor necrosis factor improves sleep continuity in patients with treatment resistant depression and high inflammation. 2015 , 47, 193-200		47
3 ⁰⁶	Heart rate variability is augmented in patients with positional obstructive sleep apnea, but only supine LF/HF index correlates with its severity. <i>Sleep and Breathing</i> , 2015 , 19, 359-67	3.1	8
3 ⁰⁵	A Community study of obstructive sleep apnea hypopnea syndrome (OSAHS) in middle-aged Bangladeshi population. 2015 , 41, 13-8		1
3 ⁰⁴	Sleep Spindles Characteristics in Insomnia Sufferers and Their Relationship with Sleep Misperception. 2016 , 2016, 6413473		20
3 ⁰³	Rotigotine Objectively Improves Sleep in Parkinson's Disease: An Open-Label Pilot Study with Actigraphic Recording. 2016 , 2016, 3724148		13
3 ⁰²	Mild Airflow Limitation during N2 Sleep Increases K-complex Frequency and Slows Electroencephalographic Activity. <i>Sleep</i> , 2016 , 39, 541-50	1.1	16
3 ⁰¹	Re-presentation of Olfactory Exposure Therapy Success Cues during Non-Rapid Eye Movement Sleep did not Increase Therapy Outcome but Increased Sleep Spindles. 2016 , 10, 340		11
3 ⁰⁰	Obstructive Sleep Apnea Is Associated with Elevated High Sensitivity C-Reactive Protein Levels Independent of Obesity: Korean Genome and Epidemiology Study. 2016 , 11, e0163017		14
2 ⁹⁹	Early pathology in sleep studies of patients with familial Creutzfeldt-Jakob disease. 2016 , 25, 571-575		4
2 ⁹⁸	Temporal associations between arousal and body/limb movement in children with suspected obstructed sleep apnoea. <i>Physiological Measurement</i> , 2016 , 37, 115-27	2.9	3
2 ⁹⁷	Effects of repetitive transcranial magnetic stimulation of upper airway muscles during sleep in obstructive sleep apnea patients. 2016 , 121, 1217-1225		5
2 ⁹⁶	Vibration from freight trains fragments sleep: A polysomnographic study. 2016 , 6, 24717		6
2 ⁹⁵	Inflammatory cytokines in pediatric obstructive sleep apnea. 2016 , 95, e4944		61

294	Longitudinal relationships of periodic limb movements during sleep and incident atrial fibrillation. <i>Sleep Medicine</i> , 2016 , 25, 78-86	4.6	17
293	Efficacy of split night CPAP titration in moderate and severe obstructive sleep apnea syndrome patients. 2016 , 65, 251-257		1
292	Role of continuous positive airway pressure in patients with combined sleep apnea syndrome without congestive heart failure. 2016 , 65, 673-679		
291	Efficacy of nasal continuous positive airway pressure on patients with OSA with erectile dysfunction and low sex hormone levels. 2016 , 119, 130-134		21
290	The effect of sleep apnea on all-cause mortality in nondialyzed chronic kidney disease patients. <i>Sleep Medicine</i> , 2016 , 27-28, 32-38	4.6	21
289	Association between resting-state brain functional connectivity and muscle sympathetic burst incidence. 2016 , 115, 662-73		27
288	Polysomnography findings in spinocerebellar ataxia type 6. 2016 , 25, 720-723		9
287	Effect of carbamazepine on the sleep microstructure of temporal lobe epilepsy patients: a cyclic alternating pattern-based study. <i>Sleep Medicine</i> , 2016 , 27-28, 80-85	4.6	11
286	Polysomnography Challenges. 2016 , 11, 403-411		38
285	Inter-individual Differences in the Effects of Aircraft Noise on Sleep Fragmentation. <i>Sleep</i> , 2016 , 39, 1107-1110		18
284	Objective but Not Subjective Short Sleep Duration Associated with Increased Risk for Hypertension in Individuals with Insomnia. <i>Sleep</i> , 2016 , 39, 1037-45	1.1	93
283	Efficacy and mechanism of mandibular advancement devices for persistent sleep apnea after surgery: a prospective study. 2016 , 45, 56		6
282	The Determining Risk of Vascular Events by Apnea Monitoring (DREAM) study: design, rationale, and methods. <i>Sleep and Breathing</i> , 2016 , 20, 893-900	3.1	10
281	Association between slow-wave activity, cognition and behaviour in children with sleep-disordered breathing. <i>Sleep Medicine</i> , 2016 , 25, 49-55	4.6	11
280	Association of rapid eye movement sleep behavior disorder with sleep-disordered breathing in Parkinson's disease. <i>Sleep Medicine</i> , 2016 , 20, 110-5	4.6	26
279	Helicobacter pylori seroprevalence in children with sleep-disordered breathing. 2016 , 87, 208-12		3
278	Adverse Impact of Sleep Restriction and Circadian Misalignment on Autonomic Function in Healthy Young Adults. 2016 , 68, 243-50		54
277	Slow dissolving of emotional distress contributes to hyperarousal. 2016 , 113, 2538-43		91

276	Cardiovascular autonomic dysfunctions and sleep disorders. 2016 , 26, 43-56			65
275	Role of electroencephalogram and oxygen saturation in the induction mechanism of arousal for obstructive sleep apnea-hypopnea syndrome patients. 2016 , 47, 483-495			7
274	Sleep Bruxism in Respiratory Medicine Practice. 2016 , 149, 262-71			56
273	Obstructive sleep apnea and schizophrenia: A systematic review to inform clinical practice. 2016 , 170, 222-5			37
272	Can physical exercise have a protective effect in an animal model of sleep-related movement disorder?. 2016 , 1639, 47-57			2
271	Sleep-disordered breathing and daytime cardiac conduction abnormalities on 12-lead electrocardiogram in community-dwelling older men. <i>Sleep and Breathing</i> , 2016 , 20, 1161-1168	3.1		7
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269	Sleep-disordered breathing in children with Down syndrome: Usefulness of home polysomnography. 2016 , 83, 47-50			10
268	Altered sleep structure in patients with end-stage renal disease. <i>Sleep Medicine</i> , 2016 , 20, 67-71	4.6		15
267	Utility of the bispectral index for assessing natural physiological sleep stages in children and young adults. 2016 , 30, 957-963			16
266	Effect of valproate on the sleep microstructure of juvenile myoclonic epilepsy patients - a cross-sectional CAP based study. <i>Sleep Medicine</i> , 2016 , 17, 129-33	4.6		15
265	Mathematical modelling of sleep fragmentation diagnosis. 2016 , 24, 83-92			1
264	Acute physical exercise under hypoxia improves sleep, mood and reaction time. 2016 , 154, 90-9			11
263	Study of sleep microstructure in patients of migraine without aura. <i>Sleep and Breathing</i> , 2016 , 20, 263-9	3.1		16
262	Clinical, Electroencephalographic, and Neuroradiological Outcome Predictors in Acute Nonhypoxic Encephalopathy: A Nine-Year Cohort Study. 2016 , 47, 61-8			13
261	Validation of a new snoring detection device based on a hysteresis extraction algorithm. 2017 , 44, 576-582			6
260	Heritability of Heart Rate Response to Arousals in Twins. <i>Sleep</i> , 2017 , 40,	1.1		15
259	Sleep spindle characteristics in overweight adolescents with obstructive sleep apnea syndrome. 2017 , 15, 251-257			5

258	Sleep During Menopausal Transition: A 6-Year Follow-Up. <i>Sleep</i> , 2017 , 40,	1.1	33
257	Associations of Incident Cardiovascular Events With Restless Legs Syndrome and Periodic Leg Movements of Sleep in Older Men, for the Outcomes of Sleep Disorders in Older Men Study (MrOS Sleep Study). <i>Sleep</i> , 2017 , 40,	1.1	42
256	WITHDRAWN: Clinicals and upper airway characteristics in obese children with obstructive sleep apnea. 2017 ,		
255	Relationship between obstructive sleep apnea and endogenous carbon monoxide. 2017 , 122, 104-111		3
254	Natural course and potential prognostic factors for sleep-disordered breathing in multiple system atrophy. <i>Sleep Medicine</i> , 2017 , 34, 13-17	4.6	14
253	Sleep/wake movement velocities, trajectories and micro-arousals during maturation in rats. 2017 , 18, 24		2
252	Myofunctional therapy improves adherence to continuous positive airway pressure treatment. <i>Sleep and Breathing</i> , 2017 , 21, 387-395	3.1	43
251	A novel approach using actigraphy to quantify the level of disruption of sleep by in-home polysomnography: the MrOS Sleep Study: Sleep disruption by polysomnography. <i>Sleep Medicine</i> , 2017 , 32, 97-104	4.6	15
250	Heart rate variability feature selection in the presence of sleep apnea: An expert system for the characterization and detection of the disorder. 2017 , 91, 47-58		30
249	. 2017 ,		
248	Moderate-to-severe obstructive sleep apnea is associated with telomere lengthening. 2017 , 313, H1022-H1030		7
247	Concurrent presence of inflammation and obstructive sleep apnea exacerbates the risk of metabolic syndrome: A KoGES 6-year follow-up study. 2017 , 96, e4488		19
246	Reviewing the relationship between OSA and cognition: Where do we go from here?. 2017 , 22, 1253-1261		51
245	The effect of treatment for sleep apnoea on determinants of blood pressure control. 2017 , 50,		12
244	Depressive symptoms in patients with obstructive sleep apnea: biological mechanistic pathways. 2017 , 40, 955-963		5
243	Back to sleep or not: the effect of the supine position on pediatric OSA: Sleeping position in children with OSA. <i>Sleep Medicine</i> , 2017 , 37, 151-159	4.6	13
242	Local Differences in Computational Sleep Depth Parameters in Healthy School-aged Children. 2017 , 48, 393-402		
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