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Induced alpha band power changes in the human EEG and attention

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#	Paper	IF	Citations
686	Parieto-occipital approximately 10 Hz activity reflects anticipatory state of visual attention mechanisms. 1998 , 9, 3929-33		398
685	'Paradoxical' alpha synchronization in a memory task. 1999 , 7, 493-501		352
684	EEG alpha and theta oscillations reflect cognitive and memory performance: a review and analysis. 1999 , 29, 169-95		4258
683	Interindividual differences in alpha and theta power reflect memory performance. <i>Intelligence</i> , 1999 , 27, 347-362	3	83
682	Cortical activation related to auditory semantic matching of concrete versus abstract words. <i>Clinical Neurophysiology</i> , 1999 , 110, 1371-7	4.3	31
681	Hj�rnans elektriska bakgrunds-aktivitet som m�tt p�kognitiva processer. 1999 , 51, 192-202		
680	Neurophysiological and neuropsychological differences related to performance and verbal abilities in subjects with mild intellectual disability. 2000 , 44 (Pt 5), 567-78		5
679	Relative electroencephalographic desynchronization and synchronization in humans to emotional film content: an analysis of the 4-6, 6-8, 8-10 and 10-12 Hz frequency bands. <i>Neuroscience Letters</i> , 2000 , 286, 9-12	3.3	121
678	Alpha activity and cardiac correlates: three types of relationships during nocturnal sleep. <i>Clinical Neurophysiology</i> , 2000 , 111, 940-6	4.3	34
677	The effects of memory load on event-related EEG desynchronization and synchronization. <i>Clinical Neurophysiology</i> , 2000 , 111, 2071-8	4.3	180
676	Test-retest consistency of the event-related desynchronization/event-related synchronization of the 4-6, 6-8, 8-10 and 10-12 Hz frequency bands during a memory task. <i>Clinical Neurophysiology</i> , 2001 , 112, 750-7	4.3	38
675	Alpha band power changes in unimanual and bimanual sequential movements, and during motor transitions. <i>Clinical Neurophysiology</i> , 2001 , 112, 1419-35	4.3	42
674	Alpha and beta band power changes in normal and dyslexic children. <i>Clinical Neurophysiology</i> , 2001 , 112, 1186-95	4.3	86
673	Theta band power changes in normal and dyslexic children. <i>Clinical Neurophysiology</i> , 2001 , 112, 1174-85	4.3	55
672	Event-related desynchronization and synchronization during a memory task in children. <i>Clinical Neurophysiology</i> , 2001 , 112, 2233-40	4.3	39
671	Human anterior and frontal midline theta and lower alpha reflect emotionally positive state and internalized attention: high-resolution EEG investigation of meditation. <i>Neuroscience Letters</i> , 2001 , 310, 57-60	3.3	518
670	Event-related dynamics of cortical rhythms: frequency-specific features and functional correlates. 2001 , 43, 41-58		537

669	Anticipatory attention: an event-related desynchronization approach. 2001 , 43, 91-107		88
668	Mechanisms of human attention: event-related potentials and oscillations. 2001 , 25, 465-76		440
667	Event-related synchronization and desynchronization during affective processing: emergence of valence-related time-dependent hemispheric asymmetries in theta and upper alpha band. 2001 , 110, 197-219		60
666	Attentional switching-related human EEG alpha oscillations. 2002 , 13, 681-4		32
665	Chapter 64 The functional significance of event-related spectral changes (ERD/ERS) from the perspective of electrocorticography. 2002 , 54, 435-442		4
664	EEG synchronization upon reward in man. <i>Clinical Neurophysiology</i> , 2002 , 113, 1059-65	4.3	23
663	Task-related changes in cortical synchronization are spatially coincident with the hemodynamic response. <i>NeuroImage</i> , 2002 , 16, 103-14	7.9	244
662	EEG alpha power and intelligence. <i>Intelligence</i> , 2002 , 30, 289-302	3	118
661	Time-dependent cortical asymmetries induced by emotional arousal: EEG analysis of event-related synchronization and desynchronization in individually defined frequency bands. 2002 , 44, 67-82		120
660	Differential cerebral responses to aversive auditory arousal versus muscle pain: specific EEG patterns are associated with human pain processing. 2002 , 147, 387-93		32
659	Alcohol-induced alterations in ERD/ERS during an auditory memory task. 2002 , 26, 145-53		18
658	The "Mozart effect": an electroencephalographic analysis employing the methods of induced event-related desynchronization/synchronization and event-related coherence. 2003 , 16, 73-84		27
657	Anticipatory cortical responses during the expectancy of a predictable painful stimulation. A high-resolution electroencephalography study. 2003 , 18, 1692-700		75
656	Attentional processes and cognitive performance during expectancy of painful galvanic stimulations: a high-resolution EEG study. 2004 , 152, 137-47		32
655	Psychophysical and EEG responses to repeated experimental muscle pain in humans: pain intensity encodes EEG activity. 2003 , 59, 533-43		52
654	EEG alpha power and coherence time courses in a sustained attention task.		11
653	INTERNATIONAL SOCIETY FOR NEURONAL REGULATION EUROPEAN CHAPTER (ISNR-EU) INAUGURAL CONFERENCE. 2004 , 8, 83-102		
652	Neurofeedback as a Treatment for ADHD: A Methodological Review with Implications for Future Research. 2004 , 8, 53-82		58

651	Individual trait anxiety levels characterizing the properties of zen meditation. 2004 , 50, 189-94		86
650	Neuronal synchronization and selective color processing in the human brain. 2004 , 16, 503-22		176
649	Sub-second "temporal attention" modulates alpha rhythms. A high-resolution EEG study. 2004 , 19, 259-68		99
648	Cortical mapping of EEG alpha power using a charge layer model. 2004 , 17, 65-71		7
647	Effects of electromagnetic field emitted by cellular phones on the EEG during an auditory memory task: a double blind replication study. 2004 , 25, 33-40		86
646	Massage therapy of moderate and light pressure and vibrator effects on EEG and heart rate. 2004 , 114, 31-44		110
645	Human cortical responses during one-bit short-term memory. A high-resolution EEG study on delayed choice reaction time tasks. <i>Clinical Neurophysiology</i> , 2004 , 115, 161-70	4-3	57
644	Human cortical rhythms during visual delayed choice reaction time tasks. A high-resolution EEG study on normal aging. 2004 , 153, 261-71		45
643	EEG spectral power and mean frequencies in early heroin abstinence. 2004 , 28, 73-82		42
642	The role of brain oscillations as functional correlates of cognitive systems: a study of frontal inhibitory control in alcoholism. 2004 , 51, 155-80		109
641	Attention to a painful cutaneous laser stimulus modulates electrocorticographic event-related desynchronization in humans. <i>Clinical Neurophysiology</i> , 2004 , 115, 1641-52	4-3	84
640	Mapping distributed sources of cortical rhythms in mild Alzheimer's disease. A multicentric EEG study. <i>NeuroImage</i> , 2004 , 22, 57-67	7-9	195
639	Human cortical EEG rhythms during long-term episodic memory task. A high-resolution EEG study of the HERA model. <i>NeuroImage</i> , 2004 , 21, 1576-84	7-9	58
638	The genetics of oscillations in the human brain. 2004 , 57, 441-9		5
637	The future of music in therapy and medicine. 2005 , 1060, 303-8		56
636	A shift of visual spatial attention is selectively associated with human EEG alpha activity. 2005 , 22, 2917-26		534
635	EEG evidence for mirror neuron dysfunction in autism spectrum disorders. 2005 , 24, 190-8		770
634	EEG alpha band dissociation with increasing task demands. 2005 , 24, 252-9		112

633	Characteristic functional networks in high- versus low-proficiency second language speakers detected also during native language processing: an explorative EEG coherence study in 6 frequency bands. 2005 , 25, 566-78		20
632	Effects of brief maternal separation in kids on neurohormonal and electroencephalographic parameters. 2005 , 93, 39-52		17
631	Human alpha rhythms during visual delayed choice reaction time tasks: a magnetoencephalography study. <i>Human Brain Mapping</i> , 2005 , 24, 184-92	5.9	22
630	Can neurofeedback training enhance performance? An evaluation of the evidence with implications for future research. 2005 , 30, 347-64		205
629	Multivariate correlation coefficient decomposition and its application to visual evoked potentials. 2005 , 2005, 1665-7		
628	The functional significance of theta and upper alpha oscillations. 2005 , 52, 99-108		233
627	The utility of neurophysiological markers in the study of alcoholism. <i>Clinical Neurophysiology</i> , 2005 , 116, 993-1018	4.3	252
626	Differential conditioning of alpha amplitude: a fresh look at an old phenomenon. <i>Clinical Neurophysiology</i> , 2005 , 116, 1433-43	4.3	15
625	A new mapping method of the coherent brain sources.		
624	Visual discrimination performance is related to decreased alpha amplitude but increased phase locking. <i>Neuroscience Letters</i> , 2005 , 375, 64-8	3.3	183
623	Trait anxiety impact on posterior activation asymmetries at rest and during evoked negative emotions: EEG investigation. 2005 , 55, 85-94		29
622	Changes in EEG and autonomic nervous activity during meditation and their association with personality traits. 2005 , 55, 199-207		257
621	Alpha rhythms in mild demented during visual delayed choice reaction time tasks: a MEG study. 2005 , 65, 457-70		34
620	Genotype (cystatin C) and EEG phenotype in Alzheimer disease and mild cognitive impairment: a multicentric study. <i>NeuroImage</i> , 2006 , 29, 948-64	7.9	63
619	Distraction affects frontal alpha rhythms related to expectancy of pain: an EEG study. <i>NeuroImage</i> , 2006 , 31, 1268-77	7.9	40
618	Sources of cortical rhythms change as a function of cognitive impairment in pathological aging: a multicenter study. <i>Clinical Neurophysiology</i> , 2006 , 117, 252-68	4.3	202
617	Anticipation of somatosensory and motor events increases centro-parietal functional coupling: an EEG coherence study. <i>Clinical Neurophysiology</i> , 2006 , 117, 1000-8	4.3	62
616	Frontal white matter volume and delta EEG sources negatively correlate in awake subjects with mild cognitive impairment and Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2006 , 117, 1113-29	4.3	127

615	S-transform time-frequency analysis of P300 reveals deficits in individuals diagnosed with alcoholism. <i>Clinical Neurophysiology</i> , 2006 , 117, 2128-43	4.3	88
614	Event-related oscillations in offspring of alcoholics: neurocognitive disinhibition as a risk for alcoholism. 2006 , 59, 625-34		87
613	Anticipatory electroencephalography alpha rhythm predicts subjective perception of pain intensity. 2006 , 7, 709-17		88
612	Alpha-band electroencephalographic activity over occipital cortex indexes visuospatial attention bias and predicts visual target detection. 2006 , 26, 9494-502		1037
611	Fronto-parietal coupling of brain rhythms in mild cognitive impairment: a multicentric EEG study. 2006 , 69, 63-73		130
610	EEG phase synchronization during emotional response to positive and negative film stimuli. <i>Neuroscience Letters</i> , 2006 , 406, 159-64	3.3	56
609	Necker cube reversals during long-term EEG recordings: sub-bands of alpha activity. 2006 , 59, 179-89		29
608	Genetics of human brain oscillations. 2006 , 60, 162-71		96
607	Reorganization of the composition of brain oscillations and their temporal characteristics in opioid dependent patients. 2006 , 30, 1453-65		26
606	Conversion from mild cognitive impairment to Alzheimer's disease is predicted by sources and coherence of brain electroencephalography rhythms. <i>Neuroscience</i> , 2006 , 143, 793-803	3.9	201
605	Varieties of attention in neutral trials: linking RT to ERPs and EEG frequencies. 2006 , 43, 113-25		23
604	Relevance of EEG alpha and theta oscillations during task switching. 2006 , 170, 295-301		119
603	Modality matters: the effects of stimulus modality on the 4- to 30-Hz brain electric oscillations during a lexical decision task. <i>Brain Research</i> , 2006 , 1110, 182-92	3.7	21
602	Alpha-band activity reflects reduction of mental effort in a comparison task: a source space analysis. <i>Brain Research</i> , 2006 , 1121, 117-27	3.7	31
601	Sources of cortical rhythms in adults during physiological aging: a multicentric EEG study. <i>Human Brain Mapping</i> , 2006 , 27, 162-72	5.9	184
600	Apolipoprotein E and alpha brain rhythms in mild cognitive impairment: a multicentric electroencephalogram study. 2006 , 59, 323-34		75
599	Electrophysiological markers of visuocortical development. <i>Cerebral Cortex</i> , 2007 , 17, 100-7	5.1	31
598	A new method based on Correlation Coefficients to map coherent brain sources. 2007 ,		

597	Response anticipation and response conflict: an event-related potential and functional magnetic resonance imaging study. 2007 , 27, 2272-82		185
596	Oscillatory brain responses evoked by video game events: the case of super monkey ball 2. 2007 , 10, 330-8		26
595	Neural activity involved in the perception of human and meaningful object motion. 2007 , 18, 1125-8		17
594	The deployment of intersensory selective attention: a high-density electrical mapping study of the effects of theanine. 2007 , 30, 25-38		75
593	Homocysteine and electroencephalographic rhythms in Alzheimer disease: a multicentric study. <i>Neuroscience</i> , 2007 , 145, 942-54	3.9	28
592	Recognition of point-light biological motion: mu rhythms and mirror neuron activity. 2007 , 183, 188-94		175
591	Modulation of late alpha band oscillations by feedback in a hypothesis testing paradigm. 2007 , 63, 110-6		6
590	The best of both worlds: phase-reset of human EEG alpha activity and additive power contribute to ERP generation. 2007 , 65, 58-68		66
589	Opioid withdrawal results in an increased local and remote functional connectivity at EEG alpha and beta frequency bands. 2007 , 58, 40-9		29
588	Event-related variations in alpha band activity during an attentional task in preadolescents: Effects of morning nutrition. <i>Clinical Neurophysiology</i> , 2007 , 118, 615-32	4.3	11
587	Free copper and resting temporal EEG rhythms correlate across healthy, mild cognitive impairment, and Alzheimer's disease subjects. <i>Clinical Neurophysiology</i> , 2007 , 118, 1244-60	4.3	47
586	Updating P300: an integrative theory of P3a and P3b. <i>Clinical Neurophysiology</i> , 2007 , 118, 2128-48	4.3	4726
585	Pre-stimulus alpha rhythms are correlated with post-stimulus sensorimotor performance in athletes and non-athletes: a high-resolution EEG study. <i>Clinical Neurophysiology</i> , 2007 , 118, 1711-20	4.3	27
584	Cortical alpha rhythms are correlated with body sway during quiet open-eyes standing in athletes: a high-resolution EEG study. <i>NeuroImage</i> , 2007 , 36, 822-9	7.9	47
583	Prestimulus oscillations predict visual perception performance between and within subjects. <i>NeuroImage</i> , 2007 , 37, 1465-73	7.9	497
582	Affective valence and P300 when stimulus arousal level is controlled. 2007 , 21, 891-901		56
581	Event-related potentials during auditory oddball, and combined auditory oddball-visual paradigms. 2007 , 117, 487-506		6
580	The human mirror neuron system: a link between action observation and social skills. 2007 , 2, 62-6		268

579	Effects of pulsed and continuous wave 902 MHz mobile phone exposure on brain oscillatory activity during cognitive processing. 2007 , 28, 296-308		53
578	Complex relationship between BOLD signal and synchronization/desynchronization of human brain MEG oscillations. <i>Human Brain Mapping</i> , 2007 , 28, 805-16	5.9	55
577	Resting EEG sources correlate with attentional span in mild cognitive impairment and Alzheimer's disease. 2007 , 25, 3742-57		84
576	The psychological and neurophysiological concomitants of mindfulness forms of meditation. 2007 , 19, 76-91		168
575	Brain oscillatory 4-30 Hz responses during a visual n-back memory task with varying memory load. <i>Brain Research</i> , 2007 , 1138, 171-7	3.7	131
574	Anticipation of affective images and event-related desynchronization (ERD) of alpha activity: an MEG study. <i>Brain Research</i> , 2007 , 1151, 134-41	3.7	47
573	EEG evidence for mirror neuron activity during the observation of human and robot actions: Toward an analysis of the human qualities of interactive robots. 2007 , 70, 2194-2203		193
572	Event-related oscillations (EROs) and event-related potentials (ERPs) comparison in facial expression recognition. 2007 , 1, 283-94		46
571	Spectral EEG characteristics during increases in the complexity of the context of cognitive activity. 2007 , 37, 379-85		2
570	Neuromagnetic functional coupling during dichotic listening of speech sounds. <i>Human Brain Mapping</i> , 2008 , 29, 253-64	5.9	26
569	White matter vascular lesions are related to parietal-to-frontal coupling of EEG rhythms in mild cognitive impairment. <i>Human Brain Mapping</i> , 2008 , 29, 1355-67	5.9	46
568	Quantification of cognitive-induced brain activity: an efficient method for online applications. 2008 , 38, 1194-202		
567	Spontaneous fluctuations in posterior alpha-band EEG activity reflect variability in excitability of human visual areas. <i>Cerebral Cortex</i> , 2008 , 18, 2010-8	5.1	486
566	Uncovering genes for cognitive (dys)function and predisposition for alcoholism spectrum disorders: a review of human brain oscillations as effective endophenotypes. <i>Brain Research</i> , 2008 , 1235, 153-71	3.7	53
565	A review of brain oscillations in cognitive disorders and the role of neurotransmitters. <i>Brain Research</i> , 2008 , 1235, 172-93	3.7	187
564	Altered oscillatory alpha and theta networks in schizophrenia. <i>Brain Research</i> , 2008 , 1235, 143-52	3.7	48
563	Modulation of mu suppression in children with autism spectrum disorders in response to familiar or unfamiliar stimuli: the mirror neuron hypothesis. 2008 , 46, 1558-65		299
562	White-matter vascular lesions correlate with alpha EEG sources in mild cognitive impairment. 2008 , 46, 1707-20		44

561	Prestimulus EEG alpha activity reflects temporal expectancy. <i>Neuroscience Letters</i> , 2008 , 438, 270-4	3-3	21
560	Changes in slow and fast alpha bands in subjects submitted to different amounts of functional electrostimulation. <i>Neuroscience Letters</i> , 2008 , 441, 149-52	3-3	5
559	Spatiotemporal patterns of oscillatory brain activity during auditory word recognition in children: a synthetic aperture magnetometry study. 2008 , 68, 141-8		9
558	Auditory processing indexed by stimulus-induced alpha desynchronization in children. 2008 , 68, 130-40		20
557	Brain oscillatory EEG event-related desynchronization (ERD) and -synchronization (ERS) responses during an auditory memory task are altered in children with epilepsy. 2008 , 17, 1-10		16
556	Pre-stimulus alpha power affects vertex N2-P2 potentials evoked by noxious stimuli. 2008 , 75, 581-90		12
555	Non-linear quantitative electroencephalographic (qEEG) changes during processing of chemo-sensory stimulations: a preliminary study. 2008 , 194, 162-8		3
554	Tonic and phasic electroencephalographic dynamics during continuous compensatory tracking. <i>NeuroImage</i> , 2008 , 39, 1896-909	7-9	84
553	Cortical alpha rhythms are related to the anticipation of sensorimotor interaction between painful stimuli and movements: a high-resolution EEG study. 2008 , 9, 902-11		32
552	Influence of phosphatidylserine on cognitive performance and cortical activity after induced stress. 2008 , 11, 103-10		54
551	Reorganization of the composition of brain oscillations and their temporal characteristics during opioid withdrawal. 2008 , 22, 270-84		13
550	Practical Joking and Cingulate Cortex: A Standardized Low-Resolution Electromagnetic Tomography (sLORETA) Investigation of Practical Joking in the Cerebral Volume. 2008 , 11, 51-63		4
549	EEG Spectral Power and Coherence: Differentiating Effects of Spatially Specific Neuro-Operant Learning (SSNOL) Utilizing LORETA Neurofeedback Training in the Anterior Cingulate and Bilateral Dorsolateral Prefrontal Cortices. 2008 , 11, 25-44		9
548	Functional cortico-muscular coupling during upright standing in athletes and nonathletes: a coherence electroencephalographic-electromyographic study. 2008 , 122, 917-27		19
547	Relationship between the amplitude of alpha waves and reaction time. 2008 , 19, 907-10		7
546	Gender differences in the mu rhythm of the human mirror-neuron system. 2008 , 3, e2113		99
545	Posterior parietal cortex controls spatial attention through modulation of anticipatory alpha rhythms. 2008 ,		
544	The modulation of alpha-wave amplitude in human EEG by the intention to act with a motor response. 2009 ,		

543	Monitoring of cognitive processes in older persons. 2009 ,		6
542	Frontoparietal cortex controls spatial attention through modulation of anticipatory alpha rhythms. 2009 , 29, 5863-72		334
541	Induced alpha-band oscillations reflect ratio-dependent number discrimination in the infant brain. 2009 , 21, 2398-406		38
540	Hemispheric modulations of alpha-band power reflect the rightward shift in attention induced by enhanced attentional load. 2009 , 47, 41-9		34
539	Appetitive vs. defensive responses to emotional cues. Autonomic measures and brain oscillation modulation. <i>Brain Research</i> , 2009 , 1296, 72-84	3.7	86
538	Visuo-attentional and sensorimotor alpha rhythms are related to visuo-motor performance in athletes. <i>Human Brain Mapping</i> , 2009 , 30, 3527-40	5.9	90
537	The effects of L-theanine on alpha-band oscillatory brain activity during a visuo-spatial attention task. 2009 , 22, 44-51		57
536	Alpha power is influenced by performance errors. 2009 , 46, 336-43		108
535	Success of the test task performance by students with different spectral β -rhythm characteristics in the baseline electroencephalogram. 2009 , 35, 550-555		2
534	"Neural efficiency" of athletes' brain for upright standing: a high-resolution EEG study. 2009 , 79, 193-200		111
533	BIS/BAS, cortical oscillations and coherence in response to emotional cues. 2009 , 80, 151-7		94
532	Is there "neural efficiency" during the processing of visuo-spatial information in male humans? An EEG study. 2009 , 205, 468-74		16
531	Directionality of EEG synchronization in Alzheimer's disease subjects. 2009 , 30, 93-102		115
530	Event-related oscillations as risk markers in genetic mouse models of high alcohol preference. <i>Neuroscience</i> , 2009 , 163, 506-23	3.9	20
529	Arousal effect on emotional face comprehension: frequency band changes in different time intervals. <i>Physiology and Behavior</i> , 2009 , 97, 455-62	3.5	104
528	Are oscillatory brain responses generally reduced in schizophrenia during long sustained attentional processing?. 2009 , 71, 75-83		41
527	Prolongation of alpha oscillations in auditory oddball paradigm. 2009 , 71, 235-41		20
526	Chronic alcoholism: insights from neurophysiology. 2009 , 39, 191-207		56

525	Ibuprofen treatment modifies cortical sources of EEG rhythms in mild Alzheimer's disease. <i>Clinical Neurophysiology</i> , 2009 , 120, 709-18	4.3	22
524	Cortical sources of resting-state alpha rhythms are abnormal in persistent vegetative state patients. <i>Clinical Neurophysiology</i> , 2009 , 120, 719-29	4.3	52
523	Inter-hemispheric functional coupling of eyes-closed resting EEG rhythms in adolescents with Down syndrome. <i>Clinical Neurophysiology</i> , 2009 , 120, 1619-27	4.3	21
522	Hippocampal volume and cortical sources of EEG alpha rhythms in mild cognitive impairment and Alzheimer disease. <i>NeuroImage</i> , 2009 , 44, 123-35	7.9	116
521	Judgment of actions in experts: a high-resolution EEG study in elite athletes. <i>NeuroImage</i> , 2009 , 45, 512-24	7.9	80
520	Modulation of alpha oscillations in insular cortex reflects the threat of painful stimuli. <i>NeuroImage</i> , 2009 , 46, 1082-90	7.9	19
519	Mu wave suppression during the perception of meaningless syllables: EEG evidence of motor recruitment. 2009 , 47, 2558-63		18
518	Global functional coupling of resting EEG rhythms is related to white-matter lesions along the cholinergic tracts in subjects with amnesic mild cognitive impairment. <i>Journal of Alzheimer's Disease</i> , 2010 , 19, 859-71	4.3	56
517	Focused attention, open monitoring and automatic self-transcending: Categories to organize meditations from Vedic, Buddhist and Chinese traditions. 2010 , 19, 1110-8		281
516	Short-term EEG spectral pattern as a single event in EEG phenomenology. 2010 , 4, 130-56		28
515	Syntactic unification operations are reflected in oscillatory dynamics during on-line sentence comprehension. 2010 , 22, 1333-47		117
514	Analysis of propagation of multi-channel EEG in the test of sustained attention. 2010 , 2010, 1666-9		2
513	Entertainment Computing - ICEC 2010. 2010 ,		5
512	The neural correlates of tinnitus-related distress. <i>NeuroImage</i> , 2010 , 52, 470-80	7.9	278
511	Resting state cortical rhythms in athletes: a high-resolution EEG study. 2010 , 81, 149-56		50
510	Sensorimotor interaction between somatosensory painful stimuli and motor sequences affects both anticipatory alpha rhythms and behavior as a function of the event side. 2010 , 81, 398-405		13
509	"Neural efficiency" of experts' brain during judgment of actions: a high-resolution EEG study in elite and amateur karate athletes. 2010 , 207, 466-75		121
508	Movement-related desynchronization of alpha rhythms is lower in athletes than non-athletes: a high-resolution EEG study. <i>Clinical Neurophysiology</i> , 2010 , 121, 482-91	4.3	71

507	Painful stimuli evoke potentials recorded from the medial temporal lobe in humans. <i>Neuroscience</i> , 2010 , 165, 1402-11	3.9	29
506	Low frequency oscillations in rat posterior parietal cortex are differentially activated by cues and distractors. 2010 , 94, 191-8		7
505	Spatial and temporal EEG dynamics of motion sickness. <i>NeuroImage</i> , 2010 , 49, 2862-70	7.9	62
504	EEG hidden information mining using hierarchical feature extraction and classification. 2010 ,		1
503	Reactivity of cortical alpha rhythms to eye opening in mild cognitive impairment and Alzheimer's disease: an EEG study. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 1047-64	4.3	47
502	Brainstorm: a user-friendly application for MEG/EEG analysis. 2011 , 2011, 879716		1585
501	Resting state cortical electroencephalographic rhythms in subjects with normal and abnormal body weight. <i>NeuroImage</i> , 2011 , 58, 698-707	7.9	17
500	An MEG study of alpha modulation in patients with schizophrenia and in subjects at high risk of developing psychosis. 2011 , 126, 36-42		51
499	Frequency-dependent spatiotemporal distribution of cerebral oscillatory changes during silent reading: a magnetoencephalographic group analysis. <i>NeuroImage</i> , 2011 , 54, 560-7	7.9	26
498	A real-time EEG-based BCI system for attention recognition in ubiquitous environment. 2011 ,		27
497	The dynamical balance of the brain at rest. 2011 , 17, 107-23		223
496	Brain-Body-Mind in the Nebulous Cartesian System: A Holistic Approach by Oscillations. 2011 ,		10
495	The difference between uni- and bilateral auditory phantom percept. <i>Clinical Neurophysiology</i> , 2011 , 122, 578-587	4.3	80
494	Simultaneous recording of electroencephalographic data in musicians playing in ensemble. 2011 , 47, 1082-90		48
493	Impact of refreshing perception on mood, cognitive performance and brain oscillations: An exploratory study. 2011 , 22, 92-100		17
492	Effects of mindfulness meditation training on anticipatory alpha modulation in primary somatosensory cortex. 2011 , 85, 96-103		82
491	An integrative assessment of brain and body function 'at rest' in panic disorder: a combined quantitative EEG/autonomic function study. 2011 , 79, 155-65		30
490	Reactivity of alpha rhythms to eyes opening is lower in athletes than non-athletes: a high-resolution EEG study. 2011 , 82, 240-7		27

489	Intra-hemispheric functional coupling of alpha rhythms is related to golfer's performance: a coherence EEG study. 2011 , 82, 260-8		43
488	Event-related spectral perturbation induced by action-related sound. <i>Neuroscience Letters</i> , 2011 , 491, 165-7	3-3	6
487	Magnesium valproate in learning disabled children with interictal paroxysmal EEG patterns: Preliminary report. <i>Neuroscience Letters</i> , 2011 , 492, 99-104	3-3	10
486	Neuronal dynamics underlying high- and low-frequency EEG oscillations contribute independently to the human BOLD signal. 2011 , 69, 572-83		335
485	Functional coupling of parietal β rhythms is enhanced in athletes before visuomotor performance: a coherence electroencephalographic study. <i>Neuroscience</i> , 2011 , 175, 198-211	3-9	51
484	Trial-by-Trial Variations in Subjective Attentional State are Reflected in Ongoing Prestimulus EEG Alpha Oscillations. 2011 , 2, 82		95
483	Probing of Brain States in Real-Time: Introducing the ConSole Environment. 2011 , 2, 36		21
482	Pulsed out of awareness: EEG alpha oscillations represent a pulsed-inhibition of ongoing cortical processing. 2011 , 2, 99		274
481	Alpha oscillations and early stages of visual encoding. 2011 , 2, 118		88
480	The Role of Alpha-Band Brain Oscillations as a Sensory Suppression Mechanism during Selective Attention. 2011 , 2, 154		648
479	Resting state cortical electroencephalographic rhythms and white matter vascular lesions in subjects with Alzheimer's disease: an Italian multicenter study. <i>Journal of Alzheimer's Disease</i> , 2011 , 26, 331-46	4-3	42
478	Electroencephalographic rhythms in Alzheimer's disease. 2011 , 2011, 927573		60
477	Learning to multitask: effects of video game practice on electrophysiological indices of attention and resource allocation. 2011 , 48, 1173-83		51
476	Affective modulation of the LPP and ERD during picture viewing. 2011 , 48, 1397-404		71
475	Ageing affects event-related potentials and brain oscillations: a behavioral and electrophysiological study using a haptic recognition memory task. 2011 , 49, 3967-80		19
474	The role of the left inferior frontal gyrus in social perception: an rTMS study. <i>Brain Research</i> , 2011 , 1383, 196-205	3-7	54
473	Stability of clinical condition in mild cognitive impairment is related to cortical sources of alpha rhythms: an electroencephalographic study. <i>Human Brain Mapping</i> , 2011 , 32, 1916-31	5-9	33
472	Individualized alpha activity and frontal asymmetry in major depression. <i>Clinical EEG and Neuroscience</i> , 2011 , 42, 45-52	2-3	68

471	Laminar differences in gamma and alpha coherence in the ventral stream. 2011 , 108, 11262-7		431
470	Time is more than a sensory feature: Attending to duration triggers specific anticipatory activity. 2011 , 2, 11-8		10
469	Influences of audio-visual environments on feelings of deliciousness during having sweet foods: an electroencephalogram frequency analysis study. 2011 , 14, 210-5		2
468	Differential contribution of right and left parietal cortex to the control of spatial attention: a simultaneous EEG-rTMS study. <i>Cerebral Cortex</i> , 2012 , 22, 446-54	5.1	58
467	Quantification of event-related desynchronization/synchronization at low frequencies in a semantic memory task. 2012 , 2012, 2522-6		1
466	Pilot Data Assessing the Functional Integrity of the Default Network in Adult ADHD with fMRI and sLORETA. 2012 , 16, 246-263		6
465	Hearing an illusory vowel in noise: suppression of auditory cortical activity. 2012 , 32, 8024-34		30
464	Cortical sources of EEG rhythms in congestive heart failure and Alzheimer's disease. 2012 , 86, 98-107		7
463	The influence of attention levels on psychophysiological responses. 2012 , 86, 39-47		19
462	Neural aftereffects of errors in a stop-signal task. 2012 , 50, 3304-12		8
461	Clinical utility of paced breathing as a concentration meditation practice. 2012 , 20, 393-9		25
460	Emotions, arousal, and frontal alpha rhythm asymmetry during Beethoven's 5th symphony. 2012 , 25, 423-30		41
459	Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic rhythms in epileptic patients. 2012 , 84, 164-71		31
458	Mu suppression as an index of sensorimotor contributions to speech processing: evidence from continuous EEG signals. 2012 , 85, 242-8		19
457	Tonic pain and continuous EEG: prediction of subjective pain perception by alpha-1 power during stimulation and at rest. <i>Clinical Neurophysiology</i> , 2012 , 123, 605-12	4.3	86
456	Cortical sources of resting-state EEG rhythms are abnormal in naïve HIV subjects. <i>Clinical Neurophysiology</i> , 2012 , 123, 2163-71	4.3	19
455	Emotive interference during cognitive processing in major depression: an investigation of lower alpha 1 activity. 2012 , 141, 185-93		6
454	Different slopes for different folks: alpha and delta EEG power predict subsequent video game learning rate and improvements in cognitive control tasks. 2012 , 49, 1558-70		60

453	Effects of normal aging on event-related potentials and oscillatory brain activity during a haptic repetition priming task. <i>NeuroImage</i> , 2012 , 60, 7-20	7.9	20
452	Brains "in concert": frontal oscillatory alpha rhythms and empathy in professional musicians. <i>NeuroImage</i> , 2012 , 60, 105-16	7.9	81
451	A K-means multivariate approach for clustering independent components from magnetoencephalographic data. <i>NeuroImage</i> , 2012 , 62, 1912-23	7.9	19
450	Oscillatory dynamics related to the Unagreement pattern in Spanish. 2012 , 50, 2584-97		26
449	Causality in the association between P300 and alpha event-related desynchronization. 2012 , 7, e34163		51
448	Subliminal and supraliminal processing of facial expression of emotions: brain oscillation in the left/right frontal area. 2012 , 2, 85-100		10
447	Correlated components of ongoing EEG point to emotionally laden attention - a possible marker of engagement?. <i>Frontiers in Human Neuroscience</i> , 2012 , 6, 112	3.3	157
446	Is "conflict adaptation" driven by conflict? Behavioral and EEG evidence for the underappreciated role of congruent trials. 2012 , 49, 583-9		35
445	Perceptual echoes at 10 Hz in the human brain. 2012 , 22, 995-9		101
444	Robust modeling based on optimized EEG bands for functional brain state inference. 2012 , 203, 377-85		4
443	Functional connectivity changes in multiple sclerosis patients: a graph analytical study of MEG resting state data. <i>Human Brain Mapping</i> , 2013 , 34, 52-61	5.9	81
442	Resting state cortical electroencephalographic rhythms are related to gray matter volume in subjects with mild cognitive impairment and Alzheimer's disease. <i>Human Brain Mapping</i> , 2013 , 34, 1427-46	5.9	107
441	Differential cortical activation during observation and observation-and-imagination. 2013 , 229, 337-45		43
440	Resting state cortical EEG rhythms in Alzheimer's disease: toward EEG markers for clinical applications: a review. 2013 , 62, 223-36		93
439	Emotional expressions modulate low band oscillations in a cortically blind patient. 2013 , 90, 358-62		10
438	Neurofeedback training improves attention and working memory performance. <i>Clinical Neurophysiology</i> , 2013 , 124, 2406-20	4.3	109
437	EEG alpha activity is associated with individual differences in post-break improvement. <i>NeuroImage</i> , 2013 , 76, 81-9	7.9	27
436	Cortical sources of resting state EEG rhythms are sensitive to the progression of early stage Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 1015-35	4.3	50

435	Nonlinear modeling of dynamic interactions within neuronal ensembles using Principal Dynamic Modes. 2013 , 34, 73-87		24
434	Thalamo-cortical mechanisms underlying changes in amplitude and frequency of human alpha oscillations. <i>NeuroImage</i> , 2013 , 70, 150-63	7.9	58
433	Dysfunctional and compensatory duality in mild cognitive impairment during a continuous recognition memory task. 2013 , 87, 95-102		15
432	Inter-hemispherical functional coupling of EEG rhythms during the perception of facial emotional expressions. <i>Clinical Neurophysiology</i> , 2013 , 124, 263-72	4.3	11
431	Event-rate effects in the flanker task: ERPs and task performance in children with and without AD/HD. 2013 , 87, 340-8		30
430	Electroencephalography when meditation advances: a case-based time-series analysis. 2013 , 14, 371-6		9
429	Poor desynchronisation of resting-state eyes-open cortical alpha rhythms in obese subjects without eating disorders. <i>Clinical Neurophysiology</i> , 2013 , 124, 1095-105	4.3	7
428	Mirroring of a simple motor behavior in disorders of consciousness. <i>Clinical Neurophysiology</i> , 2013 , 124, 27-34	4.3	12
427	A study on the reproducibility of biometric authentication based on electroencephalogram (EEG). 2013 ,		20
426	Acute effects of tea consumption on attention and mood. 2013 , 98, 1700S-1708S		43
425	Resting state cortical electroencephalographic rhythms in covert hepatic encephalopathy and Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 34, 707-25	4.3	7
424	Abnormal task modulation of oscillatory neural activity in schizophrenia. 2013 , 4, 540		23
423	The role of alpha-rhythm states in perceptual learning: insights from experiments and computational models. 2014 , 8, 36		36
422	Dynamic peripheral visual performance relates to alpha activity in soccer players. <i>Frontiers in Human Neuroscience</i> , 2014 , 8, 913	3.3	2
421	Occipitoparietal alpha-band responses to the graded allocation of top-down spatial attention. 2014 , 112, 1307-16		20
420	Peculiarities of the Pattern of EEG Activity in Institutionalized Children. 2014 , 46, 415-421		2
419	Dynamic modulation of shared sensory and motor cortical rhythms mediates speech and non-speech discrimination performance. 2014 , 5, 366		19
418	When to engage in interaction And how? EEG-based enhancement of robot's ability to sense social signals in HRI. 2014 ,		12

417	Using eye-tracking and correlates of brain activity to predict quality scores. 2014 ,		14
416	Topographic map analysis for driver cognitive distraction. 2014 ,		0
415	Local and remote effects of transcranial direct current stimulation on the electrical activity of the motor cortical network. <i>Human Brain Mapping</i> , 2014 , 35, 2220-32	5.9	52
414	Parietal Foci for Attention Deficit/Hyperactivity Disorder: Targets for LORETA Neurofeedback with Outcomes. 2014 , 42, 47-57		2
413	Oscillatory brain responses in spoken word production reflect lexical frequency and sentential constraint. 2014 , 53, 146-56		50
412	On parsing the neural code in the prefrontal cortex of primates using principal dynamic modes. 2014 , 36, 321-37		15
411	Resting-state modulation of β rhythms by interference with angular gyrus activity. 2014 , 26, 107-19		32
410	Time-frequency analysis of event-related potentials: a brief tutorial. 2014 , 27, 438-50		72
409	Functional cortical connectivity analysis of mental fatigue unmasks hemispheric asymmetry and changes in small-world networks. 2014 , 85, 220-30		100
408	Task motivation influences alpha suppression following errors. 2014 , 51, 585-95		11
407	Frontal theta activity reflects distinct aspects of mental fatigue. 2014 , 96, 57-65		191
406	Oscillatory brain dynamics associated with the automatic processing of emotion in words. <i>Brain and Language</i> , 2014 , 137, 120-9	2.9	49
405	Motivational mechanisms (BAS) and prefrontal cortical activation contribute to recognition memory for emotional words. rTMS effect on performance and EEG (alpha band) measures. <i>Brain and Language</i> , 2014 , 137, 77-85	2.9	8
404	Discriminative analysis of brain functional connectivity patterns for mental fatigue classification. 2014 , 42, 2084-94		42
403	Intra-cortical propagation of EEG alpha oscillations. <i>NeuroImage</i> , 2014 , 103, 444-453	7.9	41
402	Attentional modulation of the inner ear: a combined otoacoustic emission and EEG study. 2014 , 34, 9995-10002		37
401	Dynamic information flow analysis in Vascular Dementia patients during the performance of a visual oddball task. <i>Neuroscience Letters</i> , 2014 , 580, 108-13	3.3	11
400	Painful cutaneous laser stimuli induce event-related oscillatory EEG activities that are different from those induced by nonpainful electrical stimuli. 2014 , 112, 824-33		18

399	Deep in thought while driving: An EEG study on drivers' cognitive distraction. 2014 , 26, 218-226		53
398	Being an agent or an observer: different spectral dynamics revealed by MEG. <i>NeuroImage</i> , 2014 , 102 Pt 2, 717-28	7.9	26
397	Cortical sources of resting-state EEG rhythms in "experienced" HIV subjects under antiretroviral therapy. <i>Clinical Neurophysiology</i> , 2014 , 125, 1792-802	4.3	14
396	Inter- and intra-individual variability in alpha peak frequency. <i>NeuroImage</i> , 2014 , 92, 46-55	7.9	293
395	SPoC: a novel framework for relating the amplitude of neuronal oscillations to behaviorally relevant parameters. <i>NeuroImage</i> , 2014 , 86, 111-22	7.9	65
394	Subsequent memory effect in intracranial and scalp EEG. <i>NeuroImage</i> , 2014 , 84, 488-94	7.9	100
393	Temporal multimodal data synchronisation for the analysis of a game driving task using EEG. 2014 , 5, 323-334		5
392	Noninvasive brain-computer interfaces for augmentative and alternative communication. 2014 , 7, 31-49		92
391	Dissociable mechanisms underlying individual differences in visual working memory capacity. <i>NeuroImage</i> , 2014 , 99, 197-206	7.9	42
390	Cortical EEG alpha rhythms reflect task-specific somatosensory and motor interactions in humans. <i>Clinical Neurophysiology</i> , 2014 , 125, 1936-45	4.3	38
389	Decreased functional connectivity and disturbed directionality of information flow in the electroencephalography of intensive care unit patients with delirium after cardiac surgery. 2014 , 121, 328-35		51
388	Electrocortical Analysis of Patients with Intercostobrachial Pain Treated with TENS after Breast Cancer Surgery. 2014 , 26, 349-53		19
387	BCI Sensor Based Environment Changing System for Immersion of 3D Game. 2014 , 10, 620391		4
386	Neurophysiological assessment of Alzheimer's disease individuals by a single electroencephalographic marker. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 159-77	4.3	24
385	Develop an Attention Recognition Mechanism on e-book reading system by brainwave and visual. 2015 ,		2
384	Beta oscillations reflect memory and motor aspects of spoken word production. <i>Human Brain Mapping</i> , 2015 , 36, 2767-80	5.9	54
383	Somatosensory mu activity reflects imagined pain intensity of others. 2015 , 52, 1551-8		19
382	Electroencephalographic markers of robot-aided therapy in stroke patients for the evaluation of upper limb rehabilitation. 2015 , 38, 294-305		6

381	15. Smartphone for social networking: methodological aspects. 2015 , 217-227		
380	Detection of EEG-resting state independent networks by eLORETA-ICA method. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 31	3-3	51
379	The coordination dynamics of social neuromarkers. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 563	3-3	31
378	Effects of assisted training with neurofeedback on EEG measures, executive function and mood in a healthy sample. [Efectos del entrenam. asistido con neurofeedback sobre el EEG, los procesos de funci3n ejecutiva y el afecto en una muestra de pobl. normal]. 2015 , 31,		0
377	When problem size matters: differential effects of brain stimulation on arithmetic problem solving and neural oscillations. 2015 , 10, e0120665		20
376	Computational Psychometrics in Communication and Implications in Decision Making. 2015 , 2015, 985032		11
375	Clinical and electroencephalographic on-off effect of amantadine in chronic non-traumatic minimally conscious state. 2015 , 262, 1584-6		12
374	Bioinformatics and Biomedical Engineering. 2015 ,		3
373	Mood Recognition System Using EEG Signal of Song Induced Activities. 2015 , 337-374		
372	Digit Recognition System Using EEG Signal. 2015 , 375-416		
371	Subjective pain perception mediated by alpha rhythms. 2015 , 109, 141-50		36
370	Investigating Critical Frequency Bands and Channels for EEG-Based Emotion Recognition with Deep Neural Networks. 2015 , 7, 162-175		583
369	Characteristics of thalamic local field potentials in patients with disorders of consciousness. 2015 , 2015, 3779-82		
368	r-principal subspace for driver cognitive state classification. 2015 , 2015, 4118-21		
367	Occipital sources of resting-state alpha rhythms are related to local gray matter density in subjects with amnesic mild cognitive impairment and Alzheimer's disease. 2015 , 36, 556-70		68
366	Dynamics of EEG rhythms support distinct visual selection mechanisms in parietal cortex: a simultaneous transcranial magnetic stimulation and EEG study. 2015 , 35, 721-30		21
365	Complex brain network properties in late L2 learners and native speakers. 2015 , 68, 209-17		4
364	Disentangling the impacts of outcome valence and outcome frequency on the post-error slowing. 2015 , 5, 8708		11

363	Making the case for mobile cognition: EEG and sports performance. 2015 , 52, 117-30		100
362	The contribution of pre-stimulus neural oscillatory activity to spontaneous response time variability. <i>NeuroImage</i> , 2015 , 107, 34-45	7.9	29
361	Widespread cortical β ERD accompanying visual oddball target stimuli is frequency but non-modality specific. 2015 , 295, 71-77		7
360	The neural dynamic mechanisms of asymmetric switch costs in a combined Stroop-task-switching paradigm. 2015 , 5, 10240		11
359	Prefrontal and motor cortex EEG responses and their relationship to ventilatory thresholds during exhaustive incremental exercise. 2015 , 115, 1939-48		41
358	EEG-guided meditation: A personalized approach. 2015 , 109, 180-190		19
357	Prestimulus EEG alpha oscillations modulate task-related fMRI BOLD responses to auditory stimuli. <i>NeuroImage</i> , 2015 , 113, 153-63	7.9	21
356	Exploratory Analysis of Power Spectrum and Functional Connectivity During Resting State in Young Binge Drinkers: A MEG Study. 2015 , 25, 1550008		20
355	Psychometric modeling of the pervasive use of Facebook through psychophysiological measures: Stress or optimal experience?. 2015 , 49, 576-587		7
354	EEG-based neurocinematics: challenges and prospects. 2015 , 2, 186-192		4
353	Analysis of EEG variables to measure the affective dimensions of arousal and valence related to the vision of emotional pictures. 2015 , 2015, 2518-21		1
352	Role of white-matter pathways in coordinating alpha oscillations in resting visual cortex. <i>NeuroImage</i> , 2015 , 106, 328-39	7.9	29
351	Brain-Computer Interfaces. 2015 ,		24
350	Antiretroviral therapy effects on sources of cortical rhythms in HIV subjects: responders vs. mild responders. <i>Clinical Neurophysiology</i> , 2015 , 126, 68-81	4.3	6
349	Dysesthesia symptoms produced by sensorimotor incongruence in healthy volunteers: an electroencephalogram study. 2016 , 9, 1197-1204		9
348	Mid-Task Break Improves Global Integration of Functional Connectivity in Lower Alpha Band. <i>Frontiers in Human Neuroscience</i> , 2016 , 10, 304	3.3	35
347	Decoding the Attentional Demands of Gait through EEG Gamma Band Features. 2016 , 11, e0154136		30
346	Cardiorespiratory Fitness Is Associated with Executive Control in Late-Middle-Aged Adults: An Event-Related (De) Synchronization (ERD/ERS) Study. 2016 , 7, 1135		13

345	Mindfulness-of-breathing exercise modulates EEG alpha activity during cognitive performance. 2016 , 53, 1366-76			34
344	Neuroelectrophysiological approaches in heroin addiction research: A review of literatures. 2016 , 94, 297-309			17
343	Frontotemporal functional connectivity and executive functions contribute to episodic memory performance. 2016 , 107, 72-82			15
342	EEG evidence for human mirror activity during observation of ambiguous shadow actions: Toward an analysis of humanoid robotic system. 2016 ,			1
341	Analysis of loss of alertness due to cognitive fatigue using motif synchronization of EEG records. 2016 , 2016, 1652-1655			1
340	Mu suppression - A good measure of the human mirror neuron system?. 2016 , 82, 290-310			132
339	Standard EEG in diagnostic process of prolonged disorders of consciousness. <i>Clinical Neurophysiology</i> , 2016 , 127, 2379-85	4-3		46
338	Cortical sources of resting state EEG rhythms are related to brain hypometabolism in subjects with Alzheimer's disease: an EEG-PET study. 2016 , 48, 122-134			36
337	Antiretroviral therapy affects the z-score index of deviant cortical EEG rhythms in naïve HIV individuals. <i>NeuroImage: Clinical</i> , 2016 , 12, 144-56	5-3		4
336	Towards a method to differentiate chronic disorder of consciousness patients' awareness: The Low-Resolution Brain Electromagnetic Tomography Analysis. 2016 , 368, 178-83			16
335	RelaWorld. 2016 ,			64
334	Brain and cognitive functions in two groups of naïve HIV patients selected for a different plan of antiretroviral therapy: A qEEG study. <i>Clinical Neurophysiology</i> , 2016 , 127, 3455-3469	4-3		2
333	Brain dynamics of post-task resting state are influenced by expertise: Insights from baseball players. <i>Human Brain Mapping</i> , 2016 , 37, 4454-4471	5-9		30
332	The role of fluid intelligence and learning in analogical reasoning: How to become neurally efficient?. 2016 , 134 Pt B, 236-47			4
331	Fragrance effect on beta band oscillations of primary visual and prefrontal cortices for reading tasks. 2016 ,			
330	Alpha oscillations and their impairment in affective and post-traumatic stress disorders. 2016 , 68, 794-815			15
329	Early recurrence and ongoing parietal driving during elementary visual processing. 2015 , 5, 18733			21
328	Source imaging of simple finger movements captured during auditory response tasks: Estimation of variation in neural information flow under varying vigilance levels. 2016 ,			

327	Can self-relevant stimuli help assessing patients with disorders of consciousness?. 2016 , 44, 51-60		13
326	Brain neural synchronization and functional coupling in Alzheimer's disease as revealed by resting state EEG rhythms. 2016 , 103, 88-102		161
325	Quantitative Assessment of the Training Improvement in a Motor-Cognitive Task by Using EEG, ECG and EOG Signals. 2016 , 29, 149-61		49
324	EEG frequency analysis of cortical brain activities induced by effect of light touch. 2016 , 234, 1429-40		12
323	Neural Correlates of Quality During Perception of Audiovisual Stimuli. 2016 ,		8
322	Using electroencephalography to analyze sleepiness due to low-quality audiovisual stimuli. 2016 , 42, 120-129		11
321	Efficiency analysis of voluntary control of human's EEG spectral characteristics. 2016 , 15, 97-108		
320	Abnormal cortical sources of resting state electroencephalographic rhythms in single treatment-naïve HIV individuals: A statistical z-score index. <i>Clinical Neurophysiology</i> , 2016 , 127, 1803-12	4.3	9
319	Delta, theta, and alpha event-related oscillations in alcoholics during Go/NoGo task: Neurocognitive deficits in execution, inhibition, and attention processing. 2016 , 65, 158-71		40
318	Cortical sources of resting state electroencephalographic rhythms differ in relapsing-remitting and secondary progressive multiple sclerosis. <i>Clinical Neurophysiology</i> , 2016 , 127, 581-590	4.3	15
317	The validity of individual frontal alpha asymmetry EEG neurofeedback. 2016 , 11, 33-43		48
316	Graph theoretical analysis of EEG effective connectivity in vascular dementia patients during a visual oddball task. <i>Clinical Neurophysiology</i> , 2016 , 127, 324-334	4.3	16
315	Towards continuous and real-time attention monitoring at work: reaction time versus brain response. 2017 , 60, 241-254		12
314	"Small World" architecture in brain connectivity and hippocampal volume in Alzheimer's disease: a study via graph theory from EEG data. 2017 , 11, 473-485		64
313	Preferential processing of emotionally and self-relevant stimuli persists in unconscious N2 sleep. <i>Brain and Language</i> , 2017 , 167, 72-82	2.9	21
312	Transcranial alternating current stimulation to the inferior parietal lobe decreases mu suppression to egocentric, but not allocentric hand movements. <i>Neuroscience</i> , 2017 , 344, 124-132	3.9	4
311	Effects of horseback riding exercise on the relative alpha power spectrum in the elderly. 2017 , 70, 141-147		13
310	Higher theta and alpha1 coherence when listening to Vedic recitation compared to coherence during Transcendental Meditation practice. 2017 , 49, 157-162		5

309	Lateralization of posterior alpha EEG reflects the distribution of spatial attention during saccadic reading. 2017 , 54, 809-823		11
308	A semi-supervised inattention detection method using biological signal. 2017 , 258, 59-78		4
307	Preparatory attention in visual cortex. 2017 , 1396, 92-107		33
306	Abnormalities of cortical neural synchronization mechanisms in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. 2017 , 55, 143-158		46
305	Auditory cortical delta-entrainment interacts with oscillatory power in multiple fronto-parietal networks. <i>NeuroImage</i> , 2017 , 147, 32-42	7.9	59
304	Music and Empathy. 2017 ,		19
303	Laughter catches attention!. 2017 , 130, 11-21		12
302	Effects of illusory kinesthesia by tendon vibratory stimulation on the postoperative neural activities of distal radius fracture patients. 2017 , 28, 1144-1149		7
301	Abnormalities of Cortical Neural Synchronization Mechanisms in Subjects with Mild Cognitive Impairment due to Alzheimer's and Parkinson's Diseases: An EEG Study. <i>Journal of Alzheimer's Disease</i> , 2017 , 59, 339-358	4.3	26
300	Fine Structure of Posterior Alpha Rhythm in Human EEG: Frequency Components, Their Cortical Sources, and Temporal Behavior. 2017 , 7, 8249		27
299	Autism, Attention, and Alpha Oscillations: An Electrophysiological Study of Attentional Capture. 2017 , 2, 528-536		24
298	Temporal dynamics of TMS interference over preparatory alpha activity during semantic decisions. 2017 , 7, 2372		9
297	Connectome pattern alterations with increment of mental fatigue in one-hour driving simulation. 2017 , 2017, 4355-4358		5
296	Proprioceptive neuromuscular facilitation increases alpha absolute power in the dorsolateral prefrontal cortex and superior parietal cortex. 2017 , 34, 204-212		3
295	Mechanisms of facial emotion recognition in autism spectrum disorders: Insights from eye tracking and electroencephalography. 2017 , 80, 488-515		105
294	Task and Regions Specific Top-Down Modulation of Alpha Rhythms in Parietal Cortex. <i>Cerebral Cortex</i> , 2017 , 27, 4815-4822	5.1	29
293	Metaphorical mapping between raw-cooked food and strangeness-familiarity in Chinese culture. 2017 , 18, 39-45		
292	Effects of acoustic periodicity, intelligibility, and pre-stimulus alpha power on the event-related potentials in response to speech. <i>Brain and Language</i> , 2017 , 164, 1-8	2.9	7

291	Rebalancing Spatial Attention: Endogenous Orienting May Partially Overcome the Left Visual Field Bias in Rapid Serial Visual Presentation. 2017 , 29, 1-13		24
290	. 2017 ,		2
289	Loss of Alertness under Cognitive Fatigue Using EEG Synchronization. 2017 ,		
288	Electroencephalographic electrode montage in goats: topographical, radiological, and physiological assessment. 2017 , 41, 265-272		2
287	Arousal Rules: An Empirical Investigation into the Aesthetic Experience of Cross-Modal Perception with Emotional Visual Music. 2017 , 8, 440		2
286	How Useful Is Electroencephalography in the Diagnosis of Autism Spectrum Disorders and the Delineation of Subtypes: A Systematic Review. 2017 , 8, 121		27
285	Behavioral and Cortical Effects during Attention Driven Brain-Computer Interface Operations in Spatial Neglect: A Feasibility Case Study. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 336	3-3	9
284	Employing Multi-Sensors to Implement Real-Time Neurofeedback System for Improving Performance of STEM Curriculum. 2017 ,		
283	Abnormalities of Resting State Cortical EEG Rhythms in Subjects with Mild Cognitive Impairment Due to Alzheimer's and Lewy Body Diseases. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 247-268	4-3	30
282	Cognitive Processing for Step Precision Increases Beta and Gamma Band Modulation During Overground Walking. 2018 , 31, 661-671		13
281	Functional cortical source connectivity of resting state electroencephalographic alpha rhythms shows similar abnormalities in patients with mild cognitive impairment due to Alzheimer's and Parkinson's diseases. <i>Clinical Neurophysiology</i> , 2018 , 129, 766-782	4-3	30
280	Data Augmentation for EEG-Based Emotion Recognition with Deep Convolutional Neural Networks. 2018 , 82-93		69
279	Transcranial direct current stimulation generates a transient increase of small-world in brain connectivity: an EEG graph theoretical analysis. 2018 , 236, 1117-1127		20
278	Abnormalities of resting-state functional cortical connectivity in patients with dementia due to Alzheimer's and Lewy body diseases: an EEG study. 2018 , 65, 18-40		30
277	Neurophysiological study on the effect of various short durations of deep breathing: A randomized controlled trial. 2018 , 249, 23-31		8
276	Cortical sources of resting state electroencephalographic rhythms probe brain function in naïve HIV individuals. <i>Clinical Neurophysiology</i> , 2018 , 129, 431-441	4-3	3
275	Attention Recognition in EEG-Based Affective Learning Research Using CFS+KNN Algorithm. 2018 , 15, 38-45		58
274	Mechanisms of Neurofeedback: A Computation-theoretic Approach. <i>Neuroscience</i> , 2018 , 378, 175-188	3-9	17

273	Using theta and alpha band power to assess cognitive workload in multitasking environments. 2018 , 123, 111-120		53
272	Executive Attention at Eight Years: Concurrent and Longitudinal Predictors and Individual Differences. 2018 , 27, e2066		2
271	Exercise-induced changes in EEG alpha power depend on frequency band definition mode. <i>Neuroscience Letters</i> , 2018 , 662, 271-275	3-3	9
270	Automatic attribution of social coordination information to chasing scenes: evidence from mu suppression. 2018 , 236, 117-127		1
269	Cognitive Performance Enhancement: Do Biofeedback and Neurofeedback Work?. 2018 , 2, 12-42		13
268	Breathing above the brain stem: volitional control and attentional modulation in humans. 2018 , 119, 145-159		112
267	Ripe for solution: Delayed development of multisensory processing in autism and its remediation. 2018 , 84, 182-192		52
266	Multimodal approach for cognitive task performance prediction from body postures, facial expressions and EEG signal. 2018 ,		6
265	Alpha Waves as a Neuromarker of Autism Spectrum Disorder: The Challenge of Reproducibility and Heterogeneity. 2018 , 12, 662		16
264	Acute effects of methadone on EEG power spectrum and event-related potentials among heroin dependents. 2018 , 235, 3273-3288		10
263	Chaotic and Fast Audiovisuals Increase Attentional Scope but Decrease Conscious Processing. <i>Neuroscience</i> , 2018 , 394, 83-97	3-9	6
262	Empathic Cognitions Affected by Undetectable Social Chemosignals: An EEG Study on Visually Evoked Empathy for Pain in an Auditory and Chemosensory Context. 2018 , 12, 243		3
261	A Comprehensive Review of Magnetoencephalography (MEG) Studies for Brain Functionality in Healthy Aging and Alzheimer's Disease (AD). 2018 , 12, 60		32
260	Gating by induced β asynchrony in selective attention. <i>Human Brain Mapping</i> , 2018 , 39, 3854-3870	5-9	17
259	EEG, Nonparametric Multivariate Statistics, and Dementia Classification. 2018 , 243-257		
258	Mining EEG with SVM for Understanding Cognitive Underpinnings of Math Problem Solving Strategies. 2018 , 2018, 4638903		7
257	A Pervasive Approach to EEG-Based Depression Detection. 2018 , 2018, 1-13		52
256	Asymmetric interference between cognitive task components and concurrent sensorimotor coordination. 2018 , 120, 330-342		1

255	Parsing a mental program: Fixation-related brain signatures of unitary operations and routines in natural visual search. <i>NeuroImage</i> , 2018 , 183, 73-86	7.9	8
254	Theta and Alpha Oscillations in Attentional Interaction during Distracted Driving. 2018 , 12, 3		23
253	Electrophysiological Signatures of Intrinsic Functional Connectivity Related to rTMS Treatment for Mal de Debarquement Syndrome. 2018 , 31, 1047-1058		11
252	The interpreter's brain during rest - Hyperconnectivity in the frontal lobe. 2018 , 13, e0202600		7
251	Different Abnormalities of Cortical Neural Synchronization Mechanisms in Patients with Mild Cognitive Impairment due to Alzheimer's and Chronic Kidney Diseases: An EEG Study. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 897-915	4.3	4
250	Standing sentinel during human sleep: Continued evaluation of environmental stimuli in the absence of consciousness. <i>NeuroImage</i> , 2018 , 178, 638-648	7.9	12
249	Statistics and Simulation. 2018 ,		1
248	An EEG-based robot arm control to express human emotions. 2018 ,		2
247	The Role of Physical Fitness in Cognitive-Related Biomarkers in Persons at Genetic Risk of Familial Alzheimer's Disease. 2019 , 8,		8
246	More than Meets the Mind's Eye? Preliminary Observations Hint at Heterogeneous Alpha Neuromarkers for Visual Attention. 2019 , 9,		1
245	Musical Role Asymmetries in Piano Duet Performance Influence Alpha-Band Neural Oscillation and Behavioral Synchronization. 2019 , 13, 1088		6
244	Speaking waves: Neuronal oscillations in language production. 2019 , 265-302		10
243	Using a structured-light 3D scanner to improve EEG source modeling with more accurate electrode positions. 2019 , 326, 108378		18
242	How Neurophysiological Measures Can be Used to Enhance the Evaluation of Remote Tower Solutions. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 303	3.3	15
241	Multiple evoked and induced alpha modulations in a visual attention task: Latency, amplitude and topographical profiles. 2019 , 14, e0223055		5
240	Search asymmetry in a serial auditory task: Neural source analyses of EEG implicate attention strategies. 2019 , 134, 107204		4
239	Alpha oscillations and traveling waves: Signatures of predictive coding?. 2019 , 17, e3000487		34
238	Abnormalities of functional cortical source connectivity of resting-state electroencephalographic alpha rhythms are similar in patients with mild cognitive impairment due to Alzheimer's and Lewy body diseases. 2019 , 77, 112-127		12

237	A novel training-free externally-regulated neurofeedback (ER-NF) system using phase-guided visual stimulation for alpha modulation. <i>NeuroImage</i> , 2019 , 189, 688-699	7.9	3
236	Ensemble Learning Approach to Motor Imagery EEG Signal Classification. 2019 , 183-208		8
235	Characterizing peaks in the EEG power spectrum. 2019 , 5, 045023		6
234	Analysis of Complementary Colors Through Brain Response and Human Perception. 2019 , 531-536		0
233	Clarifying frequency-dependent brightness enhancement: delta- and theta-band flicker, not alpha-band flicker, consistently seen as brightest. 2019 , 237, 2061-2073		1
232	The moderating effect of heart rate variability on the relationship between alpha asymmetry and depressive symptoms. 2019 , 5, e01290		4
231	Looking at One's Self Through Facebook Increases Mental Stress: A Computational Psychometric Analysis by Using Eye-Tracking and Psychophysiology. 2019 , 22, 307-314		3
230	Objective identification of pain due to uterine contraction during the first stage of labour using continuous EEG signals and SVM. 2019 , 44, 1		2
229	Electrophysiological and phenomenological effects of short-term immersion in an altered sensory environment. 2019 , 70, 39-49		6
228	Multimodal data as a means to understand the learning experience. 2019 , 48, 108-119		56
227	Auditory brain oscillatory responses in drug-naïve patients with Parkinson's disease. <i>Neuroscience Letters</i> , 2019 , 701, 170-174	3.3	8
226	Test-retest reliability of EEG network characteristics in infants. 2019 , 9, e01269		17
225	The difference of mild cognitive impairment in Parkinson's disease from amnesic mild cognitive impairment: Deeper power decrement and no phase-locking in visual event-related responses. 2019 , 139, 48-58		8
224	Perceptual inference employs intrinsic alpha frequency to resolve perceptual ambiguity. 2019 , 17, e3000025		5
223	Covert Intention to Answer to Self-Referential Questions Is Represented in Alpha-Band Local and Interregional Neural Synchronies. 2019 , 2019, 7084186		1
222	Caffeinated Beverages, Behavior, and Brain Structure. 2019 , 163-207		1
221	Football Players Do Not Show "Neural Efficiency" in Cortical Activity Related to Visuospatial Information Processing During Football Scenes: An EEG Mapping Study. 2019 , 10, 890		5
220	Neural Mechanisms of Mental Fatigue Revisited: New Insights from the Brain Connectome. 2019 , 5, 276-286		39

219	Analyzing the resting-state EEG of action video game players using Wavelet Transform. 2019 ,		
218	BCI and Multimodal Feedback Based Attention Regulation for Lower Limb Rehabilitation. 2019 ,		4
217	Inducing oculomotor plasticity to disclose the functional link between voluntary saccades and endogenous attention deployed peripherally. 2019 , 9, 17770		5
216	Characterization of Young and Old Adult Brains: An EEG Functional Connectivity Analysis. <i>Neuroscience</i> , 2019 , 422, 230-239	3.9	14
215	Levodopa may affect cortical excitability in Parkinson's disease patients with cognitive deficits as revealed by reduced activity of cortical sources of resting state electroencephalographic rhythms. 2019 , 73, 9-20		19
214	Correlation analysis of EEG alpha rhythm is related to golf putting performance. <i>Biomedical Signal Processing and Control</i> , 2019 , 49, 124-136	4.9	8
213	Online e-learning and cognitive disabilities: A systematic review. 2019 , 130, 152-167		46
212	Sustained vigilance is negatively affected by mild and acute sleep loss reflected by reduced capacity for decision making, motor preparation, and execution. 2019 , 42,		12
211	Evaluation on Directed Functional Brain Connectivity during the Expert Rifle Pre-shot Period. 2019 , 51, 511-520		1
210	Sensitive individuals are more creative. 2019 , 142, 186-195		11
209	Electroencephalographic and peripheral temperature dynamics during a prolonged psychomotor vigilance task. 2019 , 126, 198-208		8
208	. 2019 , 10, 417-429		237
207	Neuro-assessment of leadership training. 2020 , 13, 107-145		2
206	Comparing the Differences of EEG Signals Based on Collision and Non-collision Cases. 2020 , 351-360		
205	EEG and ANS markers of attention response in vegetative state: Different responses to own vs. other names. 2020 , 30, 1629-1647		1
204	Awareness is related to reduced post-stimulus alpha power: a no-report inattention blindness study. 2020 , 52, 4411-4422		9
203	International Federation of Clinical Neurophysiology (IFCN) - EEG research workgroup: Recommendations on frequency and topographic analysis of resting state EEG rhythms. Part 1: Applications in clinical research studies. <i>Clinical Neurophysiology</i> , 2020 , 131, 285-307	4.3	64
202	Altered neural dynamics in occipital cortices serving visual-spatial processing in heavy alcohol users. 2020 , 34, 245-253		6

201	Empirical Frequency Band Analysis of Nonstationary Time Series. 2020 , 115, 1933-1945		1
200	An EEG-Based Attentiveness Recognition System Using Hilbert Huang Transform and Support Vector Machine. 2020 , 40, 230-238		7
199	Automated EEG mega-analysis I: Spectral and amplitude characteristics across studies. <i>NeuroImage</i> , 2020 , 207, 116361	7.9	8
198	Role of Yoga and Meditation as Complimentary Therapeutic Regime for Stress-Related Neuropsychiatric Disorders: Utilization of Brain Waves Activity as Novel Tool. 2020 , 25, 2515690X20949451		2
197	Abnormalities of resting-state EEG in patients with prodromal and overt dementia with Lewy bodies: Relation to clinical symptoms. <i>Clinical Neurophysiology</i> , 2020 , 131, 2716-2731	4.3	3
196	Abnormalities of Cortical Sources of Resting State Delta Electroencephalographic Rhythms Are Related to Epileptiform Activity in Patients With Amnesic Mild Cognitive Impairment Not Due to Alzheimer's Disease. 2020 , 11, 514136		3
195	P300 Analysis Using High-Density EEG to Decipher Neural Response to rTMS in Patients With Schizophrenia and Auditory Verbal Hallucinations. 2020 , 14, 575538		0
194	Alpha Power and Functional Connectivity in Cognitive Decline: A Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 1047-1088	4.3	3
193	Cerebral Spectral Perturbation during Upper Limb Diagonal Movements. 2020 ,		
192	Individual Differences in Meditation Outcomes. 2020 ,		
191	Brain Activity during Different Throwing Games: EEG Exploratory Study. 2020 , 17,		4
190	Associations between Attention and Implicit Associative Learning in Healthy Adults: The Role of Cortisol and Salivary Alpha-Amylase Responses to an Acute Stressor. 2020 , 10,		7
189	EEG Data Classification for Mental State Analysis Using Wavelet Packet Transform and Gaussian Process Classifier. 2020 , 115, 2149-2169		6
188	DE-CNN: An Improved Identity Recognition Algorithm Based on the Emotional Electroencephalography. 2020 , 2020, 7574531		1
187	Individual differences in anticipatory mu rhythm modulation are associated with executive function and processing speed. 2020 , 20, 901-916		0
186	Biofeedback in Clinical Psychology: Modalities and Perspectives. 2020 ,		
185	Tendency to ruminate and anxiety are associated with altered alpha and beta oscillatory power dynamics during memory for contextual details. 2020 , 20, 698-716		3
184	Pre-stimulus EEG Microstates Correlate With Anticipatory Alpha Desynchronization. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 182	3.3	8

183	Comparison of Cycling Behavior between Keyboard-Controlled and Instrumented Bicycle Experiments in Virtual Reality. 2020 , 2674, 244-257		2
182	Event-related desynchronization of alpha and beta band neural oscillations predicts speech and limb motor timing deficits in normal aging. 2020 , 393, 112763		3
181	Abnormal cortical neural synchronization mechanisms in quiet wakefulness are related to motor deficits, cognitive symptoms, and visual hallucinations in Parkinson's disease patients: an electroencephalographic study. 2020 , 91, 88-111		13
180	Motor timing training improves sustained attention performance but not fluid intelligence: near but not far transfer. 2020 , 238, 1051-1060		0
179	EEG-Based Emotion Recognition Using Logistic Regression with Gaussian Kernel and Laplacian Prior and Investigation of Critical Frequency Bands. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 1619	2.6	15
178	Sensorimotor Peak Alpha Frequency Is a Reliable Biomarker of Prolonged Pain Sensitivity. <i>Cerebral Cortex</i> , 2020 , 30, 6069-6082	5.1	13
177	The effects of brand familiarity and product category in brand extension: An ERP study. 2021 , 169, 48-56		3
176	Preservation and Changes in Oscillatory Dynamics across the Cortical Hierarchy. 2020 , 32, 2024-2035		14
175	Altered relation of resting-state alpha rhythm with blood oxygen level dependent signal in healthy aging: Evidence by EEG-fMRI fusion analysis. <i>Clinical Neurophysiology</i> , 2020 , 131, 2105-2114	4.3	1
174	The effect of movie-watching on electroencephalographic responses to tactile stimulation. <i>NeuroImage</i> , 2020 , 220, 117130	7.9	3
173	EEG "Signs" of Verbal Creative Task Fulfillment with and without Overcoming Self-Induced Stereotypes. 2019 , 10,		5
172	Task-switching costs have distinct phase-locked and nonphase-locked EEG power effects. 2020 , 57, e13533		10
171	When gratitude and cooperation between friends affect inter-brain connectivity for EEG. 2020 , 21, 14		6
170	Early Alpha Reactivity is Associated with Long-Term Mental Fatigue Behavioral Impairments. 2021 , 46, 103-113		0
169	Human Mirror Neuron System Based Alarms in the Cockpit: A Neuroergonomic Evaluation. 2021 , 46, 29-42		0
168	EEG and behavioural correlates of mild sleep deprivation and vigilance. <i>Clinical Neurophysiology</i> , 2021 , 132, 45-55	4.3	5
167	An enhanced fitness function to recognize unbalanced human emotions data. 2021 , 166, 114011		12
166	Biophysically detailed forward modeling of the neural origin of EEG and MEG signals. <i>NeuroImage</i> , 2021 , 225, 117467	7.9	6

165	Effects of exercise programs on neuroelectric dynamics in drug addiction. 2021 , 15, 27-42		1
164	Tune in to the right frequency: Theta changes when distancing from emotions elicited by unpleasant images and words. 2021 , 53, 916-928		5
163	Abnormalities of Cortical Sources of Resting State Alpha Electroencephalographic Rhythms are Related to Education Attainment in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Cerebral Cortex</i> , 2021 , 31, 2220-2237	5.1	3
162	Lateralized alpha activity and slow potential shifts over visual cortex track the time course of both endogenous and exogenous orienting of attention. <i>NeuroImage</i> , 2021 , 225, 117495	7.9	4
161	Simultaneous EEG and pupillary evidence for post-error arousal during a speeded performance task. 2021 , 53, 543-555		2
160	A Temporal-Spatial Deep Learning Approach for Driver Distraction Detection Based on EEG Signals. 2021 , 1-13		11
159	PhyDAA: Physiological Dataset Assessing Attention. 2021 , 1-1		1
158	SparseDGCNN: Recognizing Emotion from Multichannel EEG Signals. 2021 , 1-1		11
157	The Effect of Media Professionalization on Cognitive Neurodynamics During Audiovisual Cuts. 2021 , 15, 598383		0
156	Measuring the Impacts of Virtual Reality Games on Cognitive Ability Using EEG Signals and Game Performance Data. <i>IEEE Access</i> , 2021 , 9, 18326-18344	3.5	5
155	EEG signals respond differently to idea generation, idea evolution and evaluation in a loosely controlled creativity experiment. 2021 , 11, 2119		14
154	Brain Fingerprinting and Lie Detection: A Study of Dynamic Functional Connectivity Patterns of Deception Using EEG Phase Synchrony Analysis. 2021 , PP,		3
153	Causal modulation of right hemisphere fronto-parietal phase synchrony with Transcranial Magnetic Stimulation during a conscious visual detection task. 2021 , 11, 3807		2
152	Event-related and oscillatory signatures of response inhibition: A magnetoencephalography study with subclinical high and low impulsivity adults.		
151	Decoding of Attentional State Using High-Frequency Local Field Potential Is As Accurate As Using Spikes. <i>Cerebral Cortex</i> , 2021 , 31, 4314-4328	5.1	0
150	Influences of hypnotic suggestibility, contextual factors, and EEG alpha on placebo analgesia. 2021 , 63, 302-328		0
149	Modulation of Peak Alpha Frequency Oscillations During Working Memory Is Greater in Females Than Males. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 626406	3.3	2
148	Difference in Associations of Polymorphic Variants of the Serotonin Transporter Gene with Resting-state EEG in Younger and Older Adults. 2021 ,		

147	EEG based cognitive task classification using multifractal detrended fluctuation analysis. 2021 , 15, 999-1013	4
146	Dimensionality Reduction via the Laplace-Beltrami Operator: Application to EEG-based BCI. 2021 ,	
145	Neocortical Localization and Thalamocortical Modulation of Neuronal Hyperexcitability in Fragile X Syndrome.	2
144	Sensitive period for the plasticity of alpha activity in humans. 2021 , 49, 100965	1
143	Differences in Rhythmic Neural Activity Supporting the Temporal and Spatial Cueing of Attention. <i>Cerebral Cortex</i> , 2021 , 31, 4933-4944	5.1 2
142	Inter-brain EEG connectivity in hyperscanning for Italian and French gestures: the culture-related nonverbal language. 1	
141	Trail Making Test Performance Using a Touch-Sensitive Tablet: Behavioral Kinematics and Electroencephalography. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 663463	3.3 1
140	Inhibition of cortical somatosensory processing during and after low frequency peripheral nerve stimulation in humans. <i>Clinical Neurophysiology</i> , 2021 , 132, 1481-1495	4.3 0
139	Quantitative electroencephalographic biomarkers behind major depressive disorder. <i>Biomedical Signal Processing and Control</i> , 2021 , 68, 102596	4.9 1
138	Neurofunctional Symmetries and Asymmetries during Voluntary out-of- and within-Body Vivid Imagery Concurrent with Orienting Attention and Visuospatial Detection. 2021 , 13, 1549	1
137	Tentative fMRI signatures of perceptual echoes in early visual cortex. <i>NeuroImage</i> , 2021 , 237, 118053	7.9 0
136	Alpha oscillatory power decreases are associated with better memory for higher valued information. 2021 , 1-12	
135	Can EEG-devices differentiate attention values between incorrect and correct solutions for problem-solving tasks?. 1-20	2
134	Resting State Alpha Electroencephalographic Rhythms Are Differently Related to Aging in Cognitively Unimpaired Seniors and Patients with Alzheimer's Disease and Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2021 , 82, 1085-1114	4.3 2
133	Facial Expression and EEG Fusion for Investigating Continuous Emotions of Deaf Subjects. 2021 , 21, 16894-16903	
132	Exploring students' cognitive and affective states during problem solving through multimodal data: Lessons learned from a programming activity.	4
131	EEG-Based Emotion Classification for Verifying the Korean Emotional Movie Clips with Support Vector Machine (SVM). 2021 , 2021, 1-14	2
130	Alpha oscillatory activity during attentional control in children with Autism Spectrum Disorder (ASD), Attention-Deficit/Hyperactivity Disorder (ADHD), and ASD+ADHD. 2021 ,	0

129	Disentangling neocortical alpha/beta and hippocampal theta/gamma oscillations in human episodic memory formation. <i>NeuroImage</i> , 2021 , 242, 118454	7.9	4
128	Neuromarketing. 2022 , 739-745		
127	Resting State Alpha Electroencephalographic Rhythms Are Affected by Sex in Cognitively Unimpaired Seniors and Patients with Alzheimer’s Disease and Amnesic Mild Cognitive Impairment: A Retrospective and Exploratory Study. <i>Cerebral Cortex</i> , 2021 ,	5.1	2
126	Brain Electric Oscillations and Cognitive Processes. 2003 , 111-130		6
125	Monitoring User’s Brain Activity for a Virtual Coach. 2010 , 511-513		2
124	Attention Benefits of Tea and Tea Ingredients. 2013 , 1373-1384		1
123	Chapter 12. Multimodal measurement of cognitive load during subtitle processing. 267-294		7
122	The neural correlates of two forms of spiritual love: an EEG study.		2
121	EEG in Motion: Using an Oddball Task to Explore Motor Interference in Active Skateboarding.		1
120	Complexity and 1/f slope jointly reflect cortical states across different E/I balances.		5
119	Transduction of the Geomagnetic Field as Evidenced from Alpha-band Activity in the Human Brain.		1
118	Alpha oscillations and travelling waves: signatures of predictive coding?.		1
117	A Novel Method to Understand Neural Oscillations During Full-Body Reaching: A Combined EEG and 3D Virtual Reality Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020 , 28, 3074-3082	4.8	3
116	Impairments in background and event-related alpha-band oscillatory activity in patients with schizophrenia. 2014 , 9, e91720		9
115	The Neural Correlates of Chronic Symptoms of Vertigo Proneness in Humans. 2016 , 11, e0152309		9
114	Transduction of the Geomagnetic Field as Evidenced from alpha-Band Activity in the Human Brain. 2019 , 6,		49
113	Vigilance behaviors and EEG activity in sustained attention may affect acute pain. 2017 , 3,		2
112	An agenda for neuroeducation: relating psychophysiological and behavioral data across time scales of learning. 2013 , 2, 71-86		5

111	Electroencephalogram evidence for the activation of human mirror neuron system during the observation of intransitive shadow and line drawing actions. 2013 , 8, 251-7	1
110	Event-Related Oscillations in Alcoholism Research: A Review. 2012 , Suppl 7,	17
109	Resting-State Electroencephalography in Participants With Sensory Overresponsiveness: An Exploratory Study. 2019 , 73, 7301205100p1-7301205100p11	4
108	Empathy in Negative and Positive Interpersonal Interactions. What is the Relationship Between Central (EEG, fNIRS) and Peripheral (Autonomic) Neurophysiological Responses?. 2017 , 13, 105-120	22
107	Frontal Alpha Asymmetry Correlates with Suicidal Behavior in Major Depressive Disorder. 2019 , 17, 377-387	8
106	Evaluation of Mental Load of Drivers in Long Highway Tunnel Based on Electroencephalograph. 2021 , 12, 646406	0
105	Changes in cortical relative power in patients submitted to a tendon transfer: a pre and post surgery study. 2007 , 65, 628-32	3
104	?? ?? ? ? ?? ???? I: ??? ???? ??. 2012 , 23, 195-207	
103	?? ??? ? ??? ???? II: ??? ??? ???? ??. 2012 , 23, 542-554	
102	Brain-to-Brain (Mind-to-Mind) Interaction at Distance: A Pilot Study. <i>SSRN Electronic Journal</i> ,	1 1
101	Brain-to-Brain (mind-to-mind) interaction at distance: a confirmatory study. 3, 182	
100	Alpha Rhythm Dominance in Human Emotional Attention States: An Experimentation with [ddling] and Binding[Rhythms. 2015 , 282-291	
99	Differences in Oscillatory Correlates of Episodic Retrieval in a Virtual Navigation Task between Schizophrenia with and without Hallucinations. 2015 , 27, 1-21	
98	Standing Sentinel during Human Sleep: Continued Evaluation of Environmental Stimuli in the Absence of Consciousness.	
97	Gating by induced [a]synchrony in selective attention.	
96	Automated EEG mega-analysis I: Spectral and amplitude characteristics across studies.	3
95	Auditory perceptual history is communicated through alpha oscillations.	
94	Sensorimotor peak alpha frequency is a reliable biomarker of pain sensitivity.	1

93	Visual attentiveness recognition using probabilistic neural network. 2019,		0
92	Revealing Oscillatory activity using voltage-sensitive dye imaging in monkey V1.		
91	Causal modulation of right fronto-parietal phase synchrony with Transcranial Magnetic Stimulation during a conscious visual detection task.		
90	Lateralized alpha activity and slow potentials shifts over visual cortex track the time course of both endogenous and exogenous orienting of attention.		0
89	Fiziksel Performans Etkisinde Mental Aktivitenin Elektrofizyolojik Bulguların Değerlendirilmesi. 2019, 7, 389-397		
88	Biophysical modeling of the neural origin of EEG and MEG signals.		
87	EEG Alpha Power Predicts the Temporal Sensitivity of Multisensory Integration.		
86	Mismatch of Visual-Vestibular Information in Virtual Reality: Is Motion Sickness Part of the Brains Attempt to Reduce the Prediction Error?. <i>Frontiers in Human Neuroscience</i> , 2021, 15, 757735	3.3	3
85	A Generalized Encoding System for Alpha Oscillations Through Visual Saliency Analysis. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2020, 28, 2731-2743	4.8	
84	Preservation and changes in oscillatory dynamics across the cortical hierarchy.		1
83	Neurofeedback Training on Aging: Prospects on Maintaining Cognitive Reserve.		
82	High-fidelity vibrokinetic stimulation induces sustained changes in intercortical coherence during a cinematic experience. <i>Journal of Neural Engineering</i> , 2020, 17, 046046	5	3
81	Electroencephalographic prediction of global and domain specific cognitive performance of clinically active Australian Nurses. <i>Physiological Measurement</i> , 2020, 41, 095001	2.9	
80	Multimodal Physiological Synchrony as Measure of Attentional Engagement. 2020,		2
79	Brain-to-Brain (mind-to-mind) interaction at distance: a confirmatory study. 3, 182		1
78	Attention modulation regulates both motor and non-motor performance: a high-density EEG study in Parkinson's disease. <i>Archives Italiennes De Biologie</i> , 2010, 148, 279-88	1.1	10
77	Complexity of information processing in obsessive-compulsive disorder based on fractal analysis of EEG signal. <i>EXCLI Journal</i> , 2021, 20, 462-654	2.4	0
76	Attention Detection in Virtual Environments Using EEG Signals: A Scoping Review. <i>Frontiers in Physiology</i> , 2021, 12, 727840	4.6	1

75	Review and Prospect of Research on Cognitive Ability of Shooting Events. <i>Advances in Physical Sciences</i> , 2021 , 09, 521-532	0	
74	Exploration of electroencephalographic signatures of non-dominant handwriting task. <i>Journal of Medical Evidence</i> , 2021 , 2, 204	0	
73	Neuroimaging of EEG Rhythms at Resting State in Normal Elderly Adults: A Standard Low-Resolution Electromagnetic Tomography Study. <i>Journal of Clinical Neurophysiology</i> , 2020 , 39,	2.2	1
72	Angular gyrus connectivity at alpha and beta oscillations is reduced during tonic pain - Differential effect of eye state.. <i>NeuroImage: Clinical</i> , 2021 , 33, 102907	5.3	2
71	Default mode network and neural phase synchronization in healthy aging: A resting state EEG study.. <i>Neuroscience</i> , 2022 , 485, 116-116	3.9	1
70	Unravelling the Physiological Correlates of Mental Workload Variations in Tracking and Collision Prediction Tasks.. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2022 , PP,	4.8	0
69	Complexity Analysis of EEG in Patients with Social Anxiety Disorder Using Fuzzy Entropy and Machine Learning Techniques. <i>IEEE Access</i> , 2022 , 1-1	3.5	0
68	Concurrent separation of phase-locked and non-phase-locked activity.		
67	Functional and structural brain network correlates of visual hallucinations in Lewy body dementia.. <i>Brain</i> , 2022 ,	11.2	0
66	EEG Spectral Power Analysis: A Comparison Between Heroin Dependent and Control Groups.. <i>Clinical EEG and Neuroscience</i> , 2022 , 15500594221089366	2.3	
65	Neuroscientific Methods for Exploring User Perceptions While Dealing With Mobile Advertising: A Novel and Integrated Approach. <i>Frontiers in Neuroergonomics</i> , 2022 , 3,	5.3	0
64	Electrophysiological evidence of sustained attention to music among conscious participants and unresponsive hospice patients at the end of life.. <i>Clinical Neurophysiology</i> , 2022 , 139, 9-22	4.3	0
63	High individual alpha frequency brains run fast, but it does not make them smart. <i>Intelligence</i> , 2022 , 92, 101644	3	0
62	Physiological monitoring of stress and major depression: A review of the current monitoring techniques and considerations for the future. <i>Biomedical Signal Processing and Control</i> , 2022 , 75, 1035914-9	4.9	3
61	Monitoring of Auditory Discrimination Therapy for Tinnitus Treatment Based on Event-Related (De-) Synchronization Maps. 2021 ,		
60	Brain waves analysis via a non-parametric Bayesian mixture of autoregressive kernels. <i>Computational Statistics and Data Analysis</i> , 2021 , 107409	1.6	1
59	Transfreq: a Python package for computing the theta-to-alpha transition frequency from resting state EEG data.		1
58	Electroencephalography Correlates of Well-Being Using a Low-Cost Wearable System.. <i>Frontiers in Human Neuroscience</i> , 2021 , 15, 745135	3.3	0

57	EasyEG: A 3D-printable Brain-Computer Interface. 2020 ,		0
56	Involvement of Right Superior Frontal in Distracted Driving. <i>SSRN Electronic Journal</i> ,	1	
55	Task demands modulate pre-stimulus alpha frequency and sensory template during bistable apparent motion perception.. <i>Cerebral Cortex</i> , 2022 ,	5.1	
54	Design spaces and EEG frequency band power in constrained and open design. <i>International Journal of Design Creativity and Innovation</i> , 1-28	1	0
53	Data_Sheet_1.PDF. 2020 ,		
52	Data_Sheet_1.PDF. 2018 ,		
51	Data_Sheet_2.PDF. 2018 ,		
50	Data_Sheet_3.PDF. 2018 ,		
49	Data_Sheet_4.PDF. 2018 ,		
48	The EEG correlates and dangerous behavioral consequences of drowsy driving after a single night of mild sleep deprivation.. <i>Physiology and Behavior</i> , 2022 , 113822	3.5	0
47	Analysis of Anhedonia disorder using Machine Learning. 2022 ,		
46	Neocortical localization and thalamocortical modulation of neuronal hyperexcitability contribute to Fragile X Syndrome.. <i>Communications Biology</i> , 2022 , 5, 442	6.7	2
45	Resting state electroencephalography (EEG) correlates with children's language skills: Evidence from sentence repetition.. <i>Brain and Language</i> , 2022 , 230, 105137	2.9	
44	The heart, brain, and body of marketing: Complementary roles of neurophysiological measures in tracking emotions, memory, and ad effectiveness. <i>Psychology and Marketing</i> ,	3.9	0
43	Brain-to-Brain (mind-to-mind) interaction at distance: a confirmatory study. 3, 182		0
42	Functional changes in brain oscillations in dementia: a review. <i>Reviews in the Neurosciences</i> , 2022 ,	4.7	0
41	Alzheimer's Disease with Epileptiform EEG Activity: Abnormal Cortical Sources of Resting State Delta Rhythms in Patients with Amnesic Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2022 , 1-29	4.3	0
40	Electrophysiological markers of mind wandering: A systematic review. <i>NeuroImage</i> , 2022 , 258, 119372	7.9	0

39	Visual Demands of Walking Are Reflected in Eye-Blink-Evoked EEG-Activity. <i>Applied Sciences (Switzerland)</i> , 2022 , 12, 6614	2.6	1
38	Transfreq: A Python package for computing the theta-to-alpha transition frequency from resting state electroencephalographic data. <i>Human Brain Mapping</i> ,	5.9	
37	Load-dependent alpha suppression is related to working memory capacity for numbers. <i>Brain Research</i> , 2022 , 1791, 147994	3.7	
36	A Combination of Green Tea, Rhodiola, Magnesium, and B Vitamins Increases Electroencephalogram Theta Activity During Attentional Task Performance Under Conditions of Induced Social Stress. <i>Frontiers in Nutrition</i> , 9,	6.2	
35	Mapping and understanding of correlated electroencephalogram (EEG) responses to the newsvendor problem. 2022 , 12,		0
34	Transcranial alternating brain stimulation at alpha frequency reduces hemispatial neglect symptoms in stroke patients. 2022 , 22, 100326		0
33	Theta oscillations support active exploration in human spatial navigation. 2022 , 262, 119581		
32	The influence of experience on cognitive load during simultaneous interpretation. 2022 , 234, 105185		0
31	EEG-Based Emotion Recognition Using Spatial-temporal Graph Convolutional LSTM with Attention Mechanism. 2022 , 1-13		3
30	Parietal Alpha Oscillations: Cognitive Load and Mental Toughness. 2022 , 12, 1135		0
29	Using occipital β -bursts to modulate behaviour in real-time.		0
28	Learning Multiple Movements in Parallel Accurately and in Random Order, or Each with Added Noise?. 2022 , 19, 10960		1
27	The biological dimensions of transcendent states: A randomized controlled trial. 13,		0
26	REDUCED POWER AND PHASE-LOCKING VALUES WERE ACCOMPANIED BY THALAMUS, PUTAMEN AND HIPPOCAMPUS ATROPHY IN PARKINSON'S DISEASE WITH MILD COGNITIVE IMPAIRMENT: AN EVENT-RELATED OSCILLATION STUDY. 2022 ,		0
25	Fronto-parietal alpha ERD and visuo-spatial attention in pregnant women. 2022 , 148130		0
24	Neural dynamics during emotional video engagement relate to anxiety. 16,		0
23	The effect of landmark visualization in mobile maps on brain activity during navigation: A virtual reality study. 3,		0
22	Feature Selection for Continuous within- and Cross-User EEG-Based Emotion Recognition. 2022 , 22, 9282		0

- 21 What a Single Electroencephalographic (EEG) Channel Can Tell us About Alzheimer's Disease Patients With Mild Cognitive Impairment. **2023**, 54, 21-35
- 20 Parametric separation of phase locked and non phase locked activity.
- 19 The Relationship Between Alpha Power and Heart Rate Variability Commonly Seen in Various Mental States.
- 18 Error-related brain activity in pediatric major depressive disorder: An ERP and time-frequency investigation. **2023**, 184, 100-109
- 17 Validation of the EEG signal of the URGOnight neurofeedback device, associated with a new SMR detection method.
- 16 Motion Sickness Prediction Based on Dry EEG in Real Driving Environment. **2023**, 1-14
- 15 Does Brain Connectivity Discriminate Intentional Expression of Hidden Emotion?. **2014**, 13, 27-31
- 14 Balance perturbation and error processing elicit distinct brain dynamics. **2023**, 20, 026026
- 13 Quantitative evaluation of attraction intensity of highway landscape visual elements based on dynamic perception. **2023**, 100, 107081
- 12 Alterations in EEG functional connectivity in individuals with depression: A systematic review. **2023**, 328, 287-302
- 11 Testosterone administration enhances the expectation and perception of painful and non-painful somatosensory stimuli. **2023**, 152, 106081
- 10 The interlinking of alpha waves and visuospatial cognition in motor-based domains. **2023**, 149, 105152
- 9 Right superior frontal involved in distracted driving. **2023**, 93, 191-203
- 8 Limited Consistency and Strength of Neural Oscillations During Sustained Visual Attention in Schizophrenia. **2023**, 1
- 7 Precise Spatial Tuning of Visually Driven Alpha Oscillations in Human Visual Cortex.
- 6 Decomposing age effects in EEG alpha power. **2023**, 161, 116-144
- 5 Neurophysiological and other features of working memory in older adults at risk for dementia.
- 4 Effect of predicting familiar melodies on alpha power.

- 3 Simultaneous real-time EEG-fMRI neurofeedback: A systematic review. 17,
- 2 Alpha and SSVEP power outperform Gamma power in capturing Attentional Modulation in Human EEG.
- 1 Functional connectivity changes are correlated with sleep improvement in chronic insomnia patients after rTMS treatment. 17,