

# Vasil Kolev

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3685744/publications.pdf>

Version: 2024-02-01

96  
papers

4,684  
citations

101496

36  
h-index

102432

66  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4011  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Primacy of Beauty in Music, Visual Arts and Literature: Not Just a Replication Study in the Greek Language Exploring the Effects of Verbal Fluency, Age and Gender. <i>Psychological Reports</i> , 2022, 125, 2636-2663.	0.9	3
2	Attentional and cognitive monitoring brain networks in long-term meditators depend on meditation states and expertise. <i>Scientific Reports</i> , 2021, 11, 4909.	1.6	6
3	Neural Correlates of Aging-Related Differences in Pro-active Control in a Dual Task. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 682499.	1.7	0
4	Common and distinct lateralised patterns of neural coupling during focused attention, open monitoring and loving kindness meditation. <i>Scientific Reports</i> , 2020, 10, 7430.	1.6	11
5	Aging-related changes in motor response-related theta activity. <i>International Journal of Psychophysiology</i> , 2020, 153, 95-106.	0.5	17
6	Is there a specific Vivaldi effect on verbal memory functions? Evidence from listening to music in younger and older adults. <i>Psychology of Music</i> , 2019, 47, 325-341.	0.9	11
7	Effect of Proactive Mode of Processing on Event-related Oscillatory Brain Responses in Children. <i>International Journal Bioautomation</i> , 2018, 22, 253-262.	0.1	0
8	Sleep Spindles in the Right Hemisphere Support Awareness of Regularities and Reflect Pre-Sleep Activations. <i>Sleep</i> , 2017, 40, .	0.6	24
9	Dynamic coupling between slow waves and sleep spindles during slow wave sleep in humans is modulated by functional pre-sleep activation. <i>Scientific Reports</i> , 2017, 7, 14496.	1.6	31
10	Synchronization of fronto-parietal beta and theta networks as a signature of visual awareness in neglect. <i>NeuroImage</i> , 2017, 146, 341-354.	2.1	26
11	Labile sleep promotes awareness of abstract knowledge in a serial reaction time task. <i>Frontiers in Psychology</i> , 2015, 6, 1354.	1.1	14
12	Increased Performance Variability as a Marker of Implicit/Explicit Interactions in Knowledge Awareness. <i>Frontiers in Psychology</i> , 2015, 6, 1957.	1.1	17
13	Is insight a godsend? Explicit knowledge in the serial response-time task has precursors in EEG potentials already at task onset. <i>Neurobiology of Learning and Memory</i> , 2015, 125, 24-35.	1.0	20
14	Simultaneous EEG and fMRI Reveals a Causally Connected Subcortical-Cortical Network during Reward Anticipation. <i>Journal of Neuroscience</i> , 2013, 33, 14526-14533.	1.7	80
15	Event-related oscillations reflect functional asymmetry in children with attention deficit/hyperactivity disorder. <i>Supplements To Clinical Neurophysiology</i> , 2013, 62, 289-301.	2.1	23
16	Insights into sleep's role for insight: Studies with the number reduction task. <i>Advances in Cognitive Psychology</i> , 2013, 9, 160-72.	0.2	22
17	Insights into sleep's role for insight: Studies with the number reduction task. <i>Advances in Cognitive Psychology</i> , 2013, 9, 160-172.	0.2	26
18	Methylphenidate (MPH) promotes visual cortical activation in healthy adults in a cued visuomotor task. <i>Journal of Neural Transmission</i> , 2012, 119, 1455-1464.	1.4	1

#	ARTICLE	IF	CITATIONS
19	Increased Alpha (8-12 Hz) Activity during Slow Wave Sleep as a Marker for the Transition from Implicit Knowledge to Explicit Insight. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 119-132.	1.1	72
20	Brain Oscillations and Predictive Processing. <i>Frontiers in Psychology</i> , 2012, 3, 416.	1.1	13
21	The sleeping brain and the neural basis of emotions. <i>Behavioral and Brain Sciences</i> , 2012, 35, 155-156.	0.4	20
22	May Posterror Performance Be a Critical Factor for Behavioral Deficits in Attention-Deficit/Hyperactivity Disorder?. <i>Biological Psychiatry</i> , 2011, 70, 246-254.	0.7	25
23	Developmental gender differences in the synchronization of auditory event-related oscillations. <i>Clinical Neurophysiology</i> , 2011, 122, 907-915.	0.7	14
24	Sleep effects on slow-brain-potential reflections of associative learning. <i>Biological Psychology</i> , 2011, 86, 219-229.	1.1	3
25	Book review of <i>Electrophysiological Recording Techniques</i> , edited by Robert P Vertes and Robert W Stackman, Jr. <i>BioMedical Engineering OnLine</i> , 2011, 10, 63.	1.3	0
26	Compressed sensing of astronomical images. , 2011, , .		0
27	Independent oscillatory patterns determine performance fluctuations in children with attention deficit/hyperactivity disorder. <i>Brain</i> , 2011, 134, 1740-1750.	3.7	38
28	Functional 5-HT <sub>1A</sub> receptor polymorphism selectively modulates error-specific subprocesses of performance monitoring. <i>Human Brain Mapping</i> , 2010, 31, 621-630.	1.9	42
29	Comorbidity in the context of neural network properties. <i>Behavioral and Brain Sciences</i> , 2010, 33, 176-177.	0.4	8
30	The Role of the BDNF Val66Met Polymorphism for the Synchronization of Error-Specific Neural Networks. <i>Journal of Neuroscience</i> , 2010, 30, 10727-10733.	1.7	62
31	Tuning the brain for novelty detection under emotional threat: The role of increasing gamma phase-synchronization. <i>NeuroImage</i> , 2010, 49, 1038-1044.	2.1	38
32	Patterns of Implicit Learning Below the Level of Conscious Knowledge. <i>Journal of Psychophysiology</i> , 2010, 24, 91-101.	0.3	3
33	Differential Associations of Early- and Late-Night Sleep with Functional Brain States Promoting Insight to Abstract Task Regularity. <i>PLoS ONE</i> , 2010, 5, e9442.	1.1	24
34	Event-Related Brain Oscillations. <i>Journal of Psychophysiology</i> , 2009, 23, 174-182.	0.3	26
35	Awareness of knowledge or awareness of processing? Implications for sleep-related memory consolidation. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 40.	1.0	14
36	Functional Neuroelectric Oscillations Along the Lifespan. <i>Journal of Psychophysiology</i> , 2009, 23, 153-156.	0.3	6

#	ARTICLE	IF	CITATIONS
37	Flanker-Task in Children. <i>Journal of Psychophysiology</i> , 2009, 23, 183-190.	0.3	13
38	Event-Related Oscillations and Cognitive Processes in Children. <i>Journal of Psychophysiology</i> , 2009, 23, 199-207.	0.3	6
39	Error-Related Oscillations. <i>Journal of Psychophysiology</i> , 2009, 23, 216-223.	0.3	26
40	Covert Reorganization of Implicit Task Representations by Slow Wave Sleep. <i>PLoS ONE</i> , 2009, 4, e5675.	1.1	21
41	Gender-specific development of auditory information processing in children: An ERP study. <i>Clinical Neurophysiology</i> , 2008, 119, 1992-2003.	0.7	21
42	Stimulus context and motor preparation in attention-deficit/hyperactivity disorder. <i>Biological Psychology</i> , 2008, 77, 53-62.	1.1	77
43	Shifting from implicit to explicit knowledge: Different roles of early- and late-night sleep. <i>Learning and Memory</i> , 2008, 15, 508-515.	0.5	73
44	Event-Related Brain Oscillations in Normal Development. , 2007, , 15-68.		3
45	Functional compensation or pathology in cortico-subcortical interactions in preclinical Huntington's disease?. <i>Neuropsychologia</i> , 2007, 45, 2922-2930.	0.7	51
46	Increased event-related theta activity as a psychophysiological marker of comorbidity in children with tics and attention-deficit/hyperactivity disorders. <i>NeuroImage</i> , 2006, 32, 940-955.	2.1	87
47	On the relation of movement-related potentials to the go/no-go effect on P3. <i>Biological Psychology</i> , 2006, 73, 298-313.	1.1	85
48	Effects of aging on slowing of motor-response generation. <i>International Journal of Psychophysiology</i> , 2006, 59, 22-29.	0.5	111
49	Motor-response generation as a source of aging-related behavioural slowing in choice-reaction tasks. <i>Neurobiology of Aging</i> , 2006, 27, 1719-1730.	1.5	68
50	Aging and Error Processing. <i>Journal of Psychophysiology</i> , 2005, 19, 289-297.	0.3	39
51	Sensorimotor slowing with ageing is mediated by a functional dysregulation of motor-generation processes: evidence from high-resolution event-related potentials. <i>Brain</i> , 2004, 127, 351-362.	3.7	217
52	Parallel systems of error processing in the brain. <i>NeuroImage</i> , 2004, 22, 590-602.	2.1	195
53	A transient dominance of theta event-related brain potential component characterizes stimulus processing in an auditory oddball task. <i>Clinical Neurophysiology</i> , 2003, 114, 529-540.	0.7	42
54	Spatial coincidence modulates interaction between visual and somatosensory evoked potentials. <i>NeuroReport</i> , 2002, 13, 779-783.	0.6	25

#	ARTICLE	IF	CITATIONS
55	Chapter 65 Time-frequency analysis of sensorial brain activity. Supplements To Clinical Neurophysiology, 2002, 54, 443-450.	2.1	7
56	Age effects on visual EEG responses reveal distinct frontal alpha networks. Clinical Neurophysiology, 2002, 113, 901-910.	0.7	82
57	Developmental event-related gamma oscillations: effects of auditory attention. European Journal of Neuroscience, 2002, 16, 2214-2224.	1.2	54
58	Wavelet entropy analysis of event-related potentials indicates modality-independent theta dominance. Journal of Neuroscience Methods, 2002, 117, 99-109.	1.3	110
59	Abnormal early stages of task stimulus processing in children with attention-deficit hyperactivity disorder – evidence from event-related gamma oscillations. Clinical Neurophysiology, 2001, 112, 1096-1108.	0.7	166
60	Time-on-task analysis using wavelet networks in an event-related potential study on attention-deficit hyperactivity disorder. Clinical Neurophysiology, 2001, 112, 1280-1287.	0.7	43
61	Delta responses and cognitive processing: single-trial evaluations of human visual P300. International Journal of Psychophysiology, 2001, 39, 229-239.	0.5	88
62	Increased frontal phase-locking of event-related alpha oscillations during task processing. International Journal of Psychophysiology, 2001, 39, 159-165.	0.5	58
63	A transient dominance of theta ERP component characterizes passive auditory processing: evidence from a developmental study. NeuroReport, 2001, 12, 2791-2796.	0.6	22
64	Wavelet entropy: a new tool for analysis of short duration brain electrical signals. Journal of Neuroscience Methods, 2001, 105, 65-75.	1.3	712
65	P300 and alpha event-related desynchronization (ERD). Psychophysiology, 2001, 38, 143-152.	1.2	126
66	Gamma band response in children is related to task-stimulus processing. NeuroReport, 2000, 11, 2325-2330.	0.6	22
67	Multiple time-frequency components account for the complex functional reactivity of P300. NeuroReport, 2000, 11, 1097-1103.	0.6	64
68	The position of event-related EEG activity in the local/global theory. Behavioral and Brain Sciences, 2000, 23, 407-407.	0.4	1
69	Event-related alpha oscillations in task processing. Clinical Neurophysiology, 1999, 110, 1784-1792.	0.7	34
70	Time-Frequency Analysis of Single-Sweep Event-Related Potentials by Means of Fast Wavelet Transform. Brain and Language, 1999, 66, 129-145.	0.8	120
71	Single-sweep analysis of the theta frequency band during an auditory oddball task. Psychophysiology, 1998, 35, 116-126.	1.2	140
72	EEG theta and frontal alpha oscillations during auditory processing change with aging. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 497-505.	2.0	60

#	ARTICLE	IF	CITATIONS
73	Event-related alpha oscillations are functionally associated with P300 during information processing. <i>NeuroReport</i> , 1998, 9, 3159-3164.	0.6	71
74	Brain Response Susceptibility. <i>Springer Series in Synergetics</i> , 1998, , 253-264.	0.2	1
75	Phase-Locking of Event-Related EEG Oscillations: Analysis and Application. <i>Eurasip Journal on Advances in Signal Processing</i> , 1998, 5, 24.	0.2	7
76	Decomposition of Event-Related Brain Potentials into Multicomponents Using Wavelet Transform. <i>Eurasip Journal on Advances in Signal Processing</i> , 1998, 5, 142.	0.2	12
77	Single-sweep analysis of the theta frequency band during an auditory oddball task. <i>Psychophysiology</i> , 1998, 35, 116-126.	1.2	10
78	Single-sweep analysis of the theta frequency band during an auditory oddball task. <i>Psychophysiology</i> , 1998, 35, 116-26.	1.2	22
79	Effects of task variables on the amplitude and phase-locking of auditory gamma band responses in human. <i>International Journal of Neuroscience</i> , 1997, 92, 241-258.	0.8	25
80	The phase-locking of auditory gamma band responses in humans is sensitive to task processing. <i>NeuroReport</i> , 1997, 8, 3999-4004.	0.6	65
81	Time-frequency analysis reveals multiple functional components during oddball P300. <i>NeuroReport</i> , 1997, 8, 2061-2065.	0.6	155
82	Alpha response system in children: changes with age. <i>International Journal of Psychophysiology</i> , 1997, 26, 411-430.	0.5	28
83	Developmental changes in the event-related EEG theta response and P300. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1997, 104, 418-430.	2.0	59
84	Analysis of phase-locking is informative for studying event-related EEG activity. <i>Biological Cybernetics</i> , 1997, 76, 229-235.	0.6	85
85	Is the alpha rhythm a control parameter for brain responses?. <i>Biological Cybernetics</i> , 1997, 76, 471-480.	0.6	50
86	Developmental changes in the alpha response system. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996, 99, 527-538.	0.3	47
87	Brain theta response predicts P300 latency in children. <i>NeuroReport</i> , 1996, 8, 277-280.	0.6	47
88	Evoked Brain Rhythms are Altered Markedly in Middle-Aged Subjects: Single-Sweep Analysis. <i>International Journal of Neuroscience</i> , 1996, 85, 155-163.	0.8	11
89	Extracellular action potentials of skeletal muscle fibre affected by 4-aminopyridine: a model study. <i>Biological Cybernetics</i> , 1996, 74, 235-241.	0.6	1
90	A new metric for analyzing single-trial event-related potentials (ERPs): application to human visual P300 delta response. <i>Neuroscience Letters</i> , 1995, 197, 167-170.	1.0	69

#	ARTICLE	IF	CITATIONS
91	EEG Rhythmicities Evoked by Visual Stimuli in Three-Year-Old Children. International Journal of Neuroscience, 1994, 75, 257-270.	0.8	28
92	EEG, Auditory Evoked Potentials and Evoked Rhythmicities in Three-Year-Old Children. International Journal of Neuroscience, 1994, 75, 239-255.	0.8	29
93	Event-Related Prolongation of Induced Eeg Rhythmicities in Experiments with a Cognitive Task. International Journal of Neuroscience, 1992, 67, 199-213.	0.8	35
94	Motivation and P3-wave of event-related potentials. International Journal of Psychophysiology, 1989, 7, 119-120.	0.5	1
95	Analysis of functional components of P300 by wavelet transform. , 0, , .		6
96	The Two Arrows of Pain: Mechanisms of Pain Related to Meditation and Mental States of Aversion and Identification. Mindfulness, 0, , 1.	1.6	8