

Satu Pakarinen

List of Publications by Year in descending order

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36
papers

1,678
citations

516710

16
h-index

454955

30
g-index

36
all docs

36
docs citations

36
times ranked

1691
citing authors

#	ARTICLE	IF	CITATIONS
1	Control Room Operatorsâ€™ Cognitive Strategies in Complex Troubleshooting. Lecture Notes in Networks and Systems, 2021, , 238-245.	0.7	1
2	Annoyance, perception, and physiological effects of wind turbine infrasound. Journal of the Acoustical Society of America, 2021, 149, 2238-2248.	1.1	12
3	Auditory deviance detection and involuntary attention allocation in occupational burnoutâ€™A follow-up study. European Journal of Neuroscience, 2021, , .	2.6	1
4	Repeated Parental Singing During Kangaroo Care Improved Neural Processing of Speech Sound Changes in Preterm Infants at Term Age. Frontiers in Neuroscience, 2021, 15, 686027.	2.8	7
5	Development of a Demonstrator System for Online Measurement of Soldier Cognitive Readiness in Field and in Simulator Environments. Advances in Intelligent Systems and Computing, 2021, , 156-163.	0.6	0
6	Promoting Operational Readiness of Control Room Crews Through Biosignal Measurements. Advances in Intelligent Systems and Computing, 2021, , 573-580.	0.6	0
7	Neural processing of changes in phonetic and emotional speech sounds and tones in preterm infants at term age. International Journal of Psychophysiology, 2020, 148, 111-118.	1.0	10
8	Modeling the cardiac indices of stress and performance of nuclear power plant operators during simulated fault scenarios. Psychophysiology, 2020, 57, e13513.	2.4	4
9	The effects of brain-friendly diet on cognitive performance (Brave study). Proceedings of the Nutrition Society, 2020, 79, .	1.0	0
10	Building Cognitive Readiness and Resilience Skills for Situation Assessment and Diagnostic Reasoning in a VR CR. Communications in Computer and Information Science, 2020, , 77-84.	0.5	1
11	Promoting Soldier Cognitive Readiness for Battle Tank Operations Through Bio-signal Measurements. Advances in Intelligent Systems and Computing, 2020, , 142-154.	0.6	2
12	Promoting Operational Readiness Through Procedures in Nuclear Domain. Lecture Notes in Computer Science, 2020, , 42-51.	1.3	0
13	Effects of live music therapy on heart rate variability and self-reported stress and anxiety among hospitalized pregnant women: A randomized controlled trial. Nordic Journal of Music Therapy, 2019, 28, 7-26.	1.1	27
14	Capturing attentional problems with smart eyewear. , 2019, , .		1
15	Cardiac measures of nuclear power plant operator stress during simulated incident and accident scenarios. Psychophysiology, 2018, 55, e13071.	2.4	5
16	Healthy full-term infantsâ€™ brain responses to emotionally and linguistically relevant sounds using a multi-feature mismatch negativity (MMN) paradigm. Neuroscience Letters, 2018, 670, 110-115.	2.1	12
17	Shifting of attentional set is inadequate in severe burnout: Evidence from an event-related potential study. International Journal of Psychophysiology, 2017, 112, 70-79.	1.0	17
18	Multitasking and Interruption Management in Control Room Operator Work During Simulated Accidents. Lecture Notes in Computer Science, 2016, , 301-310.	1.3	6

#	ARTICLE	IF	CITATIONS
19	Feasibility of an electrodermal activity ring prototype as a research tool. , 2015, 2015, 6433-6.		23
20	Fast determination of MMN and P3a responses to linguistically and emotionally relevant changes in pseudoword stimuli. <i>Neuroscience Letters</i> , 2014, 577, 28-33.	2.1	37
21	Alterations in attention capture to auditory emotional stimuli in job burnout: An event-related potential study. <i>International Journal of Psychophysiology</i> , 2014, 94, 427-436.	1.0	39
22	Different effects of alcohol on automatic detection of colour, location and time change: A mismatch negativity study. <i>Journal of Psychopharmacology</i> , 2014, 28, 1109-1114.	4.0	7
23	Effects of alcohol on auditory pre-attentive processing of four sound features: evidence from mismatch negativity. <i>Psychopharmacology</i> , 2013, 225, 353-360.	3.1	16
24	Fast parametric evaluation of central speech-sound processing with mismatch negativity (MMN). <i>International Journal of Psychophysiology</i> , 2013, 87, 103-110.	1.0	20
25	Infants's brain responses for speech sound changes in fast multifeature MMN paradigm. <i>Clinical Neurophysiology</i> , 2013, 124, 1578-1585.	1.5	37
26	Mapping Symbols to Sounds: Electrophysiological Correlates of the Impaired Reading Process in Dyslexia. <i>Frontiers in Psychology</i> , 2012, 3, 60.	2.1	27
27	New fast mismatch negativity paradigm for determining the neural prerequisites for musical ability. <i>Cortex</i> , 2011, 47, 1091-1098.	2.4	84
28	The mismatch negativity (MMN) with no standard stimulus. <i>Clinical Neurophysiology</i> , 2010, 121, 1043-1050.	1.5	46
29	Fast multi-feature paradigm for recording several mismatch negativities (MMNs) to phonetic and acoustic changes in speech sounds. <i>Biological Psychology</i> , 2009, 82, 219-226.	2.2	77
30	Change detection in newborns using a multiple deviant paradigm: A study using magnetoencephalography. <i>Clinical Neurophysiology</i> , 2009, 120, 530-538.	1.5	41
31	Auditory discrimination profiles of speech sound changes in 6-year-old children as determined with the multi-feature MMN paradigm. <i>Clinical Neurophysiology</i> , 2009, 120, 916-921.	1.5	60
32	Measurement of extensive auditory discrimination profiles using the mismatch negativity (MMN) of the auditory event-related potential (ERP). <i>Clinical Neurophysiology</i> , 2007, 118, 177-185.	1.5	216
33	Heschl's Gyrus, Posterior Superior Temporal Gyrus, and Mid-Ventrolateral Prefrontal Cortex Have Different Roles in the Detection of Acoustic Changes. <i>Journal of Neurophysiology</i> , 2007, 97, 2075-2082.	1.8	149
34	Inherited Auditory-Cortical Dysfunction in Twin Pairs Discordant for Schizophrenia. <i>Biological Psychiatry</i> , 2006, 60, 612-620.	1.3	88
35	Does sleep quality affect involuntary attention switching system?. <i>Neuroscience Letters</i> , 2005, 390, 150-155.	2.1	24
36	The mismatch negativity (MMN): towards the optimal paradigm. <i>Clinical Neurophysiology</i> , 2004, 115, 140-144.	1.5	581