

Lenka Hančiková

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

84
citations

1684188

5
h-index

1588992

8
g-index

15
all docs

15
docs citations

15
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of heart rate as the main stress indicator in aircraft pilots. , 2014, , .		26
2	Workload assessment of air traffic controllers. Transportation Research Procedia, 2020, 51, 243-251.	1.5	13
3	Basic Piloting Technique Error Rate as an Indicator of Flight Simulators Usability for Pilot Training. International Review of Aerospace Engineering, 2016, 9, 162.	0.3	12
4	Quantification of Trunk Postural Stability Using Convex Polyhedron of the Time-Series Accelerometer Data. Journal of Healthcare Engineering, 2016, 2016, 1-9.	1.9	8
5	ASSESSMENT OF POSTURAL INSTABILITY IN PATIENTS WITH A NEUROLOGICAL DISORDER USING A TRI-AXIAL ACCELEROMETER. Acta Polytechnica, 2015, 55, 229.	0.6	6
6	Effect of High-Induction Magnetic Stimulation on Elasticity of the Patellar Tendon. Journal of Healthcare Engineering, 2018, 2018, 1-8.	1.9	6
7	Pilotsâ€™ Performance and Workload Assessment: Transition from Analogue to Glass-Cockpit. Applied Sciences (Switzerland), 2020, 10, 5211.	2.5	5
8	IMPACT OF PILOTSâ€™ TIREDNESS ON THE OUTCOME OF PSYCHOLOGICAL TESTING. Transport Problems, 2019, 14, 55-67.	0.6	3
9	An evaluation method of complex movement of the arm during walking based on gyroscope data and angle-angle diagram. , 2015, , .		2
10	Effect of High-Induction Magnetic Stimulation on Complex Heart Rate Variability of Sus Scrofa Domesticus under General Anesthesia. Applied Sciences (Switzerland), 2020, 10, 589.	2.5	2
11	Prediction of atrial fibrillation and its successful termination based on recurrence quantification analysis of ECG. , 2016, , .		1
12	The Influence of High-Induction Magnetic Stimulation on Cardiac Activity - A Preclinical Study. , 2019, , .		0
13	Effects of the High-Induction Magnetic Stimulation on Viscoelastic Properties of the Biceps Brachii. IEEE Access, 2021, 9, 47136-47143.	4.2	0
14	Development of Flight Simulation Device for Perception Assessment. , 2021, , .		0
15	Objectivization of vacuum-compression therapy effects on micro- and macrovascular perfusion in type 2 diabetic patients. Biomedizinische Technik, 2020, 65, 469-476.	0.8	0