

# Krzysztof Fiok

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22  
papers

94  
citations

5  
h-index

8  
g-index

28  
ext. papers

170  
ext. citations

2.7  
avg, IF

3.21  
L-index

#	Paper	IF	Citations
22	Neural Decoding of EEG Signals with Machine Learning: A Systematic Review. <i>Brain Sciences</i> , <b>2021</b> , 11,	3.4	17
21	Predicting the Dynamics of the COVID-19 Pandemic in the United States Using Graph Theory-Based Neural Networks. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	7
20	A Study of the Effects of the COVID-19 Pandemic on the Experience of Back Pain Reported on Twitter in the United States: A Natural Language Processing Approach. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	8
19	Text Guide: Improving the Quality of Long Text Classification by a Text Selection Method Based on Feature Importance. <i>IEEE Access</i> , <b>2021</b> , 9, 105439-105450	3.5	1
18	Controlling Safety of Artificial Intelligence-Based Systems in Healthcare. <i>Symmetry</i> , <b>2021</b> , 13, 102	2.7	5
17	Automated Detection of Leadership Qualities Using Textual Data at the Message Level. <i>IEEE Access</i> , <b>2021</b> , 1-1	3.5	1
16	Automated Classification of Evidence of Respect in the Communication through Twitter. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 1294	2.6	3
15	Optimizing COVID-19 vaccine distribution across the United States using deterministic and stochastic recurrent neural networks. <i>PLoS ONE</i> , <b>2021</b> , 16, e0253925	3.7	1
14	Analysis of Human Behavior by Mining Textual Data: Current Research Topics and Analytical Techniques. <i>Symmetry</i> , <b>2021</b> , 13, 1276	2.7	2
13	Revisiting Text Guide, a Truncation Method for Long Text Classification. <i>Applied Sciences (Switzerland)</i> , <b>2021</b> , 11, 8554	2.6	1
12	Analysis of sentiment in tweets addressed to a single domain-specific Twitter account: Comparison of model performance and explainability of predictions. <i>Expert Systems With Applications</i> , <b>2021</b> , 186, 115771	7.8	5
11	Comparing the Quality and Speed of Sentence Classification with Modern Language Models. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 3386	2.6	9
10	Convolutional Neural Networks-Based Image Analysis for the Detection and Quantification of Neutrophil Extracellular Traps. <i>Cells</i> , <b>2020</b> , 9,	7.9	2
9	Identification and Prediction of Human Behavior through Mining of Unstructured Textual Data. <i>Symmetry</i> , <b>2020</b> , 12, 1902	2.7	5
8	Predicting the Volume of Response to Tweets Posted by a Single Twitter Account. <i>Symmetry</i> , <b>2020</b> , 12, 1054	2.7	8
7	Physiological parameters depending on two different types of manual wheelchair propulsion. <i>Assistive Technology</i> , <b>2020</b> , 32, 229-235	1.5	4
6	The Musculoskeletal Contribution in Wheelchair Propulsion Systems: Numerical Analysis. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 251-260	0.4	

5	EMG Comparison of Sport Manual Wheelchair Propelled by Lever Drive and Push Rims and Possible Consequences for Rehabilitation: A Case Study. <i>Advances in Intelligent Systems and Computing</i> , <b>2019</b> , 915-920	0.4	
4	Comparison of muscle activity during hand rim and lever wheelchair propulsion over flat terrain. <i>Acta of Bioengineering and Biomechanics</i> , <b>2019</b> , 21, 67-74	0.6	
3	How does lever length and the position of its axis of rotation influence human performance during lever wheelchair propulsion?. <i>Journal of Electromyography and Kinesiology</i> , <b>2015</b> , 25, 824-32	2.5	4
2	Optimizing the lever propelling system for manual wheelchairs. <i>Bulletin of the Polish Academy of Sciences: Technical Sciences</i> , <b>2012</b> , 60, 793-800		3
1	Explainable artificial intelligence for education and training. <i>Journal of Defense Modeling and Simulation</i> , 154851292110286	0.4	3