

# Valeriy Gavrishchaka

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11509509/publications.pdf>

Version: 2024-02-01

10  
papers

661  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

255  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topological Representation of Rare States Using Combination of Persistent Homology and Complexity Measures. , 2020, , .		3
2	Synergy of physics-based reasoning and machine learning in biomedical applications: towards unlimited deep learning with limited data. Advances in Physics: X, 2019, 4, 1582361.	4.1	10
3	Multi-expert evolving system for objective psychophysiological monitoring and fast discovery of effective personalized therapies. , 2017, , .		4
4	Generic Ensemble-Based Representation of Global Cardiovascular Dynamics for Personalized Treatment Discovery and Optimization. Lecture Notes in Computer Science, 2016, , 197-207.	1.3	7
5	Multi-complexity Ensemble Measures for Gait Time Series Analysis: Application to Diagnostics, Monitoring and Biometrics. Advances in Experimental Medicine and Biology, 2015, 823, 107-126.	1.6	9
6	Universal Multi-complexity Measures for Physiological State Quantification in Intelligent Diagnostics and Monitoring Systems. Communications in Computer and Information Science, 2014, , 76-90.	0.5	3
7	Trapped ion effect on shielding, current flow, and charging of a small object in a plasma. Physics of Plasmas, 2003, 10, 1500-1513.	1.9	190
8	Collisional and Nonlinear Effects on Grain Charge and Intergrain Force. AIP Conference Proceedings, 2002, , .	0.4	2
9	Effect of Trapped Ions on Shielding of a Charged Spherical Object in a Plasma. Physical Review Letters, 2001, 86, 5278-5281.	7.8	153
10	Interactions between dust grains in a dusty plasma. Physics of Plasmas, 2000, 7, 3851.	1.9	280