

Plamen P Angelov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11110576/publications.pdf>

Version: 2024-02-01

20
papers

2,024
citations

759233

12
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

1360
citing authors

#	ARTICLE	IF	CITATIONS
1	An Approach to Online Identification of Takagi-Sugeno Fuzzy Models. IEEE Transactions on Systems, Man, and Cybernetics, 2004, 34, 484-498.	5.0	844
2	Evolving Fuzzy-Rule-Based Classifiers From Data Streams. IEEE Transactions on Fuzzy Systems, 2008, 16, 1462-1475.	9.8	323
3	Extracting biological information with computational analysis of Fourier-transform infrared (FTIR) biospectroscopy datasets: current practices to future perspectives. Analyst, The, 2012, 137, 3202.	3.5	197
4	Evolving Rule-Based Models. Studies in Fuzziness and Soft Computing, 2002, , .	0.8	163
5	IRootLab: a free and open-source MATLAB toolbox for vibrational biospectroscopy data analysis. Bioinformatics, 2013, 29, 1095-1097.	4.1	140
6	Self-organising fuzzy logic classifier. Information Sciences, 2018, 447, 36-51.	6.9	62
7	Autonomous Learning Multimodel Systems From Data Streams. IEEE Transactions on Fuzzy Systems, 2018, 26, 2213-2224.	9.8	59
8	Deep rule-based classifier with human-level performance and characteristics. Information Sciences, 2018, 463-464, 196-213.	6.9	51
9	Syrian hamster embryo (SHE) assay (pH 6.7) coupled with infrared spectroscopy and chemometrics towards toxicological assessment. Analyst, The, 2010, 135, 3266.	3.5	49
10	Semi-supervised deep rule-based approach for image classification. Applied Soft Computing Journal, 2018, 68, 53-68.	7.2	41
11	Robust classification of low-grade cervical cytology following analysis with ATR-FTIR spectroscopy and subsequent application of self-learning classifier eClass. Analytical and Bioanalytical Chemistry, 2010, 398, 2191-2201.	3.7	30
12	Measuring similarity and improving stability in biomarker identification methods applied to Fourier-transform infrared (FTIR) spectroscopy. Journal of Biophotonics, 2014, 7, 254-265.	2.3	24
13	Empirical Fuzzy Sets. International Journal of Intelligent Systems, 2018, 33, 362-395.	5.7	14
14	Statistically Evolving Fuzzy Inference System for Non-Gaussian Noises. IEEE Transactions on Fuzzy Systems, 2022, 30, 2649-2664.	9.8	11
15	Highly interpretable hierarchical deep rule-based classifier. Applied Soft Computing Journal, 2020, 92, 106310.	7.2	9
16	Brief Introduction to Statistical Machine Learning. Studies in Computational Intelligence, 2019, , 17-67.	0.9	2
17	Brief Introduction to Computational Intelligence. Studies in Computational Intelligence, 2019, , 69-99.	0.9	0
18	Applications of Autonomous Learning Multi-model Systems. Studies in Computational Intelligence, 2019, , 277-293.	0.9	0

#	ARTICLE	IF	CITATIONS
19	Autonomous Learning Multi-model Systems. Studies in Computational Intelligence, 2019, , 199-222.	0.9	0
20	Transparent Deep Rule-Based Classifiers. Studies in Computational Intelligence, 2019, , 223-245.	0.9	0