

# Rafal Angryk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2202428/publications.pdf>

Version: 2024-02-01

53  
papers

546  
citations

840776

11  
h-index

794594

19  
g-index

57  
all docs

57  
docs citations

57  
times ranked

408  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tiered Clustering for Time Series Data. Lecture Notes in Networks and Systems, 2022, , 3-14.	0.7	0
2	How to Train Your Flare Prediction Model: Revisiting Robust Sampling of Rare Events. Astrophysical Journal, Supplement Series, 2021, 254, 23.	7.7	33
3	Accurate, Timely, Reliable: A High Standard and Elusive Goal for Traveler Information Data Quality. Lecture Notes in Networks and Systems, 2020, , 580-598.	0.7	0
4	Identification of Discriminative Subnetwork from fMRI-Based Complete Functional Connectivity Networks. International Journal of Semantic Computing, 2019, 13, 25-44.	0.5	5
5	An Application of Spatio-temporal Co-occurrence Analyses for Integrating Solar Active Region Data from Multiple Reporting Modules. , 2019, , .		4
6	Challenges with Extreme Class-Imbalance and Temporal Coherence: A Study on Solar Flare Data. , 2019, , .		17
7	Interpretable Feature Learning of Graphs using Tensor Decomposition. , 2019, , .		3
8	Tensor Decomposition-based Node Embedding. , 2019, , .		1
9	Beyond accuracy " A SMART approach to site-based spatio-temporal data quality assessment. Intelligent Data Analysis, 2018, 22, 21-43.	0.9	3
10	Heuristics Significance of Neuro-Ensemble-based Time Series Classification. , 2018, , .		1
11	Neuro-Ensemble for Time Series Data Classification. , 2018, , .		1
12	Scalable kNN Search Approximation for Time Series Data. , 2018, , .		7
13	Tensor Decomposition for Neurodevelopmental Disorder Prediction. Lecture Notes in Computer Science, 2018, , 339-348.	1.3	4
14	Biomarker Detection from fMRI-Based Complete Functional Connectivity Networks. , 2018, , .		3
15	Neuro-Ensemble. , 2018, , .		0
16	Multivariate Time Series Nearest Neighbor Search: A Case Study on Solar Flare Prediction. , 2018, , .		0
17	Spatiotemporal Interpolation Methods for Solar Event Trajectories. Astrophysical Journal, Supplement Series, 2018, 236, 23.	7.7	11
18	Coronal Mass Ejection Data Clustering and Visualization of Decision Trees. Astrophysical Journal, Supplement Series, 2018, 236, 14.	7.7	16

#	ARTICLE	IF	CITATIONS
19	Prediction of Solar Eruptions Using Filament Metadata. <i>Astrophysical Journal, Supplement Series</i> , 2018, 236, 15.	7.7	17
20	Multi-wavelength solar event detection using faster R-CNN. , 2017, , .		1
21	Distance and Density Clustering for Time Series Data. , 2017, , .		18
22	On the prediction of >100 MeV solar energetic particle events using GOES satellite data. , 2017, , .		16
23	Data Handling and Assimilation for Solar Event Prediction. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 344-347.	0.0	7
24	Convolutional Neural Networks for Time Series Classification. <i>Lecture Notes in Computer Science</i> , 2017, , 635-642.	1.3	6
25	A data-driven analysis of interplanetary coronal mass ejection and magnetic flux ropes. , 2016, , .		3
26	Spatio-temporal interpolation methods for solar events metadata. , 2016, , .		12
27	Predictive Spatio-Temporal Query Processor on Resilient Distributed Datasets. , 2016, , .		1
28	Filling the Gaps in Solar Big Data: Interpolation of Solar Filament Event Instances. , 2016, , .		9
29	Discovering spatiotemporal event sequences. , 2016, , .		5
30	A large-scale dataset of solar event reports from automated feature recognition modules. <i>Journal of Space Weather and Space Climate</i> , 2016, 6, A22.	3.3	8
31	Color-Based Large-Scale Image Retrieval with Limited Hardware Resources. <i>Lecture Notes in Computer Science</i> , 2016, , 689-699.	1.3	1
32	Mining spatiotemporal co-occurrence patterns in non-relational databases. <i>Geoinformatica</i> , 2016, 20, 801-828.	2.7	13
33	Time-efficient significance measure for discovering spatiotemporal co-occurrences from data with unbalanced characteristics. , 2015, , .		11
34	Mining spatiotemporal co-occurrence patterns in solar datasets. <i>Astronomy and Computing</i> , 2015, 13, 136-144.	1.7	9
35	Tracking Solar Events through Iterative Refinement. <i>Astronomy and Computing</i> , 2015, 13, 124-135.	1.7	13
36	Storing Long-Lived Concurrent Schema and Data Versions in Relational Databases. <i>Advances in Intelligent Systems and Computing</i> , 2015, , 97-108.	0.6	0

#	ARTICLE	IF	CITATIONS
37	Spatiotemporal Frequent Pattern Mining on Solar Data: Current Algorithms and Future Directions. , 2015, , .		11
38	Solar image parameter data from the SDO: Long-term curation and data mining. Astronomy and Computing, 2015, 13, 86-98.	1.7	6
39	On visualization techniques for solar data mining. Astronomy and Computing, 2015, 10, 32-42.	1.7	14
40	Spatiotemporal indexing techniques for efficiently mining spatiotemporal co-occurrence patterns. , 2014, , .		18
41	A Comparative Evaluation of Automated Solar Filament Detection. Solar Physics, 2014, 289, 2503-2524.	2.5	18
42	Iterative refinement of multiple targets tracking of solar events. , 2014, , .		10
43	Steps Toward a Large-Scale Solar Image Data Analysis to Differentiate Solar Phenomena. Solar Physics, 2013, 288, 435-462.	2.5	16
44	On Dimensionality Reduction for Indexing and Retrieval of Large-Scale Solar Image Data. Solar Physics, 2013, 283, 113-141.	2.5	16
45	An IEEE standards-based visualization tool for knowledge discovery in maintenance event sequences. IEEE Aerospace and Electronic Systems Magazine, 2013, 28, 30-39.	1.3	1
46	Abstracting for Dimensionality Reduction in Text Classification. International Journal of Intelligent Systems, 2013, 28, 115-138.	5.7	2
47	Computer Vision for the Solar Dynamics Observatory (SDO). Solar Physics, 2012, 275, 79-113.	2.5	108
48	Ontology-guided knowledge discovery of event sequences in maintenance data. , 2011, , .		5
49	Graph-based ontology-guided data mining for D-matrix model maturation. , 2011, , .		15
50	Minimal data sets vs. synchronized data copies in a schema and data versioning system. , 2011, , .		7
51	Heuristic algorithm for interpretation of multi-valued attributes in similarity-based fuzzy relational databases. International Journal of Approximate Reasoning, 2010, 51, 895-911.	3.3	35
52	An example based image retrieval system for the TRACE repository. , 2008, , .		3
53	Generating Concept Hierarchies from User Queries. Studies in Computational Intelligence, 2008, , 423-441.	0.9	0