

# Igor MozetiÄ•

## List of Publications by Year in descending order

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Version: 2024-02-01

64  
papers

1,837  
citations

430874

18  
h-index

289244

40  
g-index

65  
all docs

65  
docs citations

65  
times ranked

1703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sentiment of Emojis. PLoS ONE, 2015, 10, e0144296.	2.5	435
2	The Effects of Twitter Sentiment on Stock Price Returns. PLoS ONE, 2015, 10, e0138441.	2.5	241
3	Emotional Dynamics in the Age of Misinformation. PLoS ONE, 2015, 10, e0138740.	2.5	148
4	Multilingual Twitter Sentiment Classification: The Role of Human Annotators. PLoS ONE, 2016, 11, e0155036.	2.5	128
5	GoMapMan: integration, consolidation and visualization of plant gene annotations within the MapMan ontology. Nucleic Acids Research, 2014, 42, D1167-D1175.	14.5	108
6	Evaluating time series forecasting models: an empirical study on performance estimation methods. Machine Learning, 2020, 109, 1997-2028.	5.4	106
7	Hierarchical model-based diagnosis. International Journal of Man-Machine Studies, 1991, 35, 329-362.	0.7	69
8	Stance and influence of Twitter users regarding the Brexit referendum. Computational Social Networks, 2017, 4, 6.	2.1	59
9	An Ontology for Virtual Organization Breeding Environments. IEEE Transactions on Systems, Man and Cybernetics, Part C: Applications and Reviews, 2007, 37, 1327-1341.	2.9	38
10	Cohesion and Coalition Formation in the European Parliament: Roll-Call Votes and Twitter Activities. PLoS ONE, 2016, 11, e0166586.	2.5	31
11	Dynamics of online hate and misinformation. Scientific Reports, 2021, 11, 22083.	3.3	31
12	Twitter-Based Analysis of the Dynamics of Collective Attention to Political Parties. PLoS ONE, 2015, 10, e0131184.	2.5	28
13	Sentiment leaning of influential communities in social networks. Computational Social Networks, 2015, 2, .	2.1	27
14	Monitoring the Twitter sentiment during the Bulgarian elections. , 2015, , .		25
15	Retweet networks of the European Parliament: evaluation of the community structure. Applied Network Science, 2016, 1, 2.	1.5	25
16	Twitter sentiment around the Earnings Announcement events. PLoS ONE, 2017, 12, e0173151.	2.5	24
17	Cohesiveness in Financial News and its Relation to Market Volatility. Scientific Reports, 2014, 4, 5038.	3.3	23
18	A Comparative Study of Performance Estimation Methods for Time Series Forecasting. , 2017, , .		21

#	ARTICLE	IF	CITATIONS
19	SegMine workflows for semantic microarray data analysis in Orange4WS. BMC Bioinformatics, 2011, 12, 416.	2.6	20
20	THE ROLE OF ABSTRACTIONS IN LEARNING QUALITATIVE MODELS. , 1987, , 242-255.		20
21	How to evaluate sentiment classifiers for Twitter time-ordered data?. PLoS ONE, 2018, 13, e0194317.	2.5	20
22	Signalling Network Construction for Modelling Plant Defence Response. PLoS ONE, 2012, 7, e51822.	2.5	19
23	Retweet communities reveal the main sources of hate speech. PLoS ONE, 2022, 17, e0265602.	2.5	19
24	KARDIO-E-an expert system for electrocardiographic diagnosis of cardiac arrhythmias. Expert Systems, 1985, 2, 46-55.	4.5	13
25	Methods for knowledge acquisition and refinement in second generation expert systems. ACM SIGART Bulletin, 1989, , 63-69.	0.5	13
26	Semantic Data Mining of Financial News Articles. Lecture Notes in Computer Science, 2013, , 294-307.	1.3	11
27	Diagnostic efficiency of deep and surface knowledge in KARDIO. Artificial Intelligence in Medicine, 1990, 2, 67-83.	6.5	9
28	Enhancing design-for-test for active analog filters by using CLP( $\hat{a}, \infty$ ). Analog Integrated Circuits and Signal Processing, 1993, 4, 215-229.	1.4	9
29	Uncertainty, Decision Science, and Policy Making: A Manifesto for a Research Agenda. Critical Review, 2015, 27, 213-242.	0.2	9
30	Community evolution in retweet networks. PLoS ONE, 2021, 16, e0256175.	2.5	9
31	Impact investing market on Twitter: influential users and communities. Applied Network Science, 2018, 3, 40.	1.5	8
32	Collaboration Opportunity Finder. , 2007, , 179-186.		8
33	Controlling the complexity in model-based diagnosis. Annals of Mathematics and Artificial Intelligence, 1994, 11, 297-314.	1.3	7
34	Contrasting Subgroup Discovery. Computer Journal, 2013, 56, 289-303.	2.4	7
35	Extraction of Temporal Networks from Term Co-Occurrences in Online Textual Sources. PLoS ONE, 2014, 9, e99515.	2.5	7
36	A Retweet Network Analysis of the European Parliament. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
37	Evolution of topics and hate speech in retweet network communities. Applied Network Science, 2021, 6, 96.	1.5	7
38	Enhancing design-for-test for active analog filters by using CLP. Journal of Electronic Testing: Theory and Applications (JETTA), 1993, 4, 315-329.	1.2	6
39	Model-based diagnosis: An overview. Lecture Notes in Computer Science, 1992, , 419-430.	1.3	4
40	Knowledge Extraction Through Learning from Examples. Kluwer International Series in Engineering and Computer Science, 1986, , 227-231.	0.2	4
41	Semantic subgroup discovery: Using ontologies in microarray data analysis. , 2009, 2009, 5613-6.		3
42	Community Sentiment on Environmental Topics in Social Networks. , 2014, , .		3
43	Model-Based Analogue Circuit Diagnosis with CLP(R). Informatik-Fachberichte, 1991, , 343-353.	0.2	3
44	Handling Disagreement in Hate Speech Modelling. Communications in Computer and Information Science, 2022, , 681-695.	0.5	3
45	Plant defence model revisions through iterative minimisation of constraint violations. International Journal of Computational Biology and Drug Design, 2014, 7, 61.	0.3	2
46	Profiling the EU lobby organizations in Banking and Finance. Applied Network Science, 2018, 3, 44.	1.5	2
47	Temporal Multi-layer Network Construction from Major News Events. Studies in Computational Intelligence, 2016, , 29-41.	0.9	2
48	Bisociative Exploration of Biological and Financial Literature Using Clustering. Lecture Notes in Computer Science, 2012, , 438-451.	1.3	2
49	Contrast Mining from Interesting Subgroups. Lecture Notes in Computer Science, 2012, , 390-406.	1.3	2
50	Extending explanation-based generalization by abstraction operators. , 1991, , 282-297.		1
51	Global Energy Minimization of Small Molecules Combining Constraint Logic Programming and Molecular Mechanics. Journal of Chemical Information and Computer Sciences, 1997, 37, 966-970.	2.8	1
52	Identification of concepts bridging diverse biomedical domains. BMC Bioinformatics, 2010, 11, .	2.6	1
53	Toward a Better Understanding of Emotional Dynamics on Facebook. Studies in Computational Intelligence, 2018, , 365-377.	0.9	1
54	Model-Based Diagnosis with Constraint Logic Programs. Informatik-Fachberichte, 1991, , 168-180.	0.2	1

#	ARTICLE	IF	CITATIONS
55	Ontologies for Collaborative Networked Organizations. , 2008, , 1128-1135.		1
56	Semantic Subgroup Discovery and Cross-Context Linking for Microarray Data Analysis. Lecture Notes in Computer Science, 2012, , 379-389.	1.3	1
57	Modelling a Biological System: Network Creation by Triplet Extraction from Biological Literature. Lecture Notes in Computer Science, 2012, , 427-437.	1.3	1
58	Applications and Evaluation: Overview. Lecture Notes in Computer Science, 2012, , 359-363.	1.3	1
59	Incremental Construction of Biological Networks by Relation Extraction from Literature. Current Bioinformatics, 2015, 10, 177-190.	1.5	1
60	Understanding Financial News with Multi-layer Network Analysis. Springer Proceedings in Complexity, 2016, , 193-207.	0.3	1
61	Constraint-driven optimization of plant defense model parameters. , 2012, , .		0
62	Integrating semantic transcriptomic data analysis and knowledge extraction from biological literature. , 2013, , .		0
63	Exploring the Twitterland of the Impact Investing Market. Studies in Computational Intelligence, 2018, , 967-979.	0.9	0
64	Ontology Querying Support in Semantic Annotation Process. Lecture Notes in Computer Science, 2012, , 76-87.	1.3	0