Dunja Mladenic

List of Publications by Year
in descending order

104 papers	1,327 citations	430874 18 h-index	434195 31 g-index
116 all docs	116 docs citations	116 times ranked	1058 citing authors

#	Article	IF	Citations
1	Feature selection on hierarchy of web documents. Decision Support Systems, 2003, 35, 45-87.	5.9	105
2	The Role of Hubness in Clustering High-Dimensional Data. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 739-751.	5.7	80
3	OntoGen: Semi-automatic Ontology Editor. Lecture Notes in Computer Science, 2007, , 309-318.	1.3	60
4	Monitoring Network Evolution using MDL. , 2008, , .		43
5	Interdisciplinarity of scientific fields and its evolution based on graph of project collaboration and co-authoring. Scientometrics, 2015, 102, 433-454.	3.0	41
6	Overcoming Information Overload in the Enterprise: The Active Approach. IEEE Internet Computing, 2010, 14, 39-46.	3.3	40
7	Class imbalance and the curse of minority hubs. Knowledge-Based Systems, 2013, 53, 157-172.	7.1	38
8	Nearest neighbor voting in high dimensional data: Learning from past occurrences. Computer Science and Information Systems, 2012, 9, 691-712.	1.0	35
9	A probabilistic approach to nearest-neighbor classification. , 2011, , .		34
10	Hubness-based fuzzy measures for high-dimensional k-nearest neighbor classification. International Journal of Machine Learning and Cybernetics, 2014, 5, 445-458.	3.6	33
11	Streaming Data Fusion for the Internet of Things. Sensors, 2019, 19, 1955.	3.8	33
12	Automated knowledge discovery in advanced knowledge management. Journal of Knowledge Management, 2005, 9, 132-149.	5.1	30
13	Groundwater Modeling with Machine Learning Techniques: Ljubljana polje Aquifer. Proceedings (mdpi), 2018, 2, .	0.2	29
14	The Role of Hubness in Clustering High-Dimensional Data. Lecture Notes in Computer Science, 2011, , 183-195.	1.3	26
15	Curious Cat--Mobile, Context-Aware Conversational Crowdsourcing Knowledge Acquisition. ACM Transactions on Information Systems, 2017, 35, 1-46.	4.9	21
16	Automotive OEM Demand Forecasting: A Comparative Study of Forecasting Algorithms and Strategies. Applied Sciences (Switzerland), 2021, 11, 6787.	2.5	21
17	Hubness-aware shared neighbor distances for high-dimensional $$k$$ -nearest neighbor classification. Knowledge and Information Systems, 2014, 39, 89-122.	3.2	20
18	Next generation knowledge access. Journal of Knowledge Management, 2005, 9, 64-84.	5.1	18

#	ARTICLE	IF	CITATIONS
19	OntoPlus: Text-driven ontology extension using ontology content, structure and co-occurrence information. Knowledge-Based Systems, 2011, 24, 1261-1276.	7.1	18
20	MTi: A method for user identification for multitouch displays. International Journal of Human Computer Studies, 2013, 71, 691-702.	5.6	18
21	Knowledge graph-based rich and confidentiality preserving Explainable Artificial Intelligence (XAI). Information Fusion, 2022, 81, 91-102.	19.1	18
22	Building Minority Language Corpora by Learning to Generate Web Search Queries. Knowledge and Information Systems, 2005, 7, 56-83.	3.2	17
23	Exposing real world information for the web of things. , 2011, , .		17
24	Query-Independent Learning to Rank for RDF Entity Search. Lecture Notes in Computer Science, 2012, , 484-498.	1.3	17
25	A Roadmap for Web Mining: From Web to Semantic Web. Lecture Notes in Computer Science, 2004, , 1-22.	1.3	16
26	The influence of hubness on nearest-neighbor methods in object recognition. , 2011, , .		16
27	Knowledge Discovery for Ontology Construction. , 2006, , 9-27.		15
28	Document Visualization Based on Semantic Graphs. , 2009, , .		15
29	Automatic Evaluation of Ontologies. , 2007, , 193-219.		14
30	Semantic Technology for Capturing Communication Inside an Organization. IEEE Internet Computing, 2009, 13, 59-67.	3.3	14
31	Core-periphery dynamics in collaboration networks: the case study of Slovenia. Scientometrics, 2016, 109, 1561-1578.	3.0	14
32	Hubness-Based Fuzzy Measures for High-Dimensional k-Nearest Neighbor Classification. Lecture Notes in Computer Science, 2011, , 16-30.	1.3	14
33	Background knowledge for ontology construction. , 2006, , .		12
34	Real-Time News Recommender System. Lecture Notes in Computer Science, 2010, , 583-586.	1.3	12
35	Hubness-Based Clustering of High-Dimensional Data. , 2015, , 353-386.		12
36	The Role of Hubs in Cross-Lingual Supervised Document Retrieval. Lecture Notes in Computer Science, 2013, , 185-196.	1.3	11

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37	A System for Publishing Sensor Data on the Semantic Web. Journal of Computing and Information Technology, 2011, 19, .	0.3	10
38	Entity Resolution in Texts Using Statistical Learning and Ontologies. Lecture Notes in Computer Science, 2009, , 91-104.	1.3	10
39	Mapping Documents onto Web Page Ontology. Lecture Notes in Computer Science, 2004, , 77-96.	1.3	9
40	Hubness-Aware Shared Neighbor Distances for High-Dimensional k-Nearest Neighbor Classification. Lecture Notes in Computer Science, 2012, , 116-127.	1.3	9
41	Cross-lingual document similarity estimation and dictionary generation with comparable corpora. Knowledge and Information Systems, 2019, 58, 729-743.	3.2	7
42	Why is a document relevant? Understanding the relevance scores in cross-lingual document retrieval. Knowledge-Based Systems, 2022, 244, 108545.	7.1	7
43	Guest editorsâ€™ introduction: special issue of selected papers from ECML PKDD 2009. Data Mining and Knowledge Discovery, 2009, 19, 173-175.	3.7	6
44	Curious cat conversational crowd based and context aware knowledge acquisition chat bot. , 2016, , .		6
45	Visual analysis of documents with semantic graphs. , 2009, , .		6
46	Spatio-temporal reasoning for traffic scene understanding. , 2011, , .		5
47	NewsMeSH: A new classifier designed to annotate health news with MeSH headings. Artificial Intelligence in Medicine, 2021, 114, 102053.	6.5	5
48	ShoeBox: A Natural Way of Organizing Pictures According to Userâ€™s Affinities. Lecture Notes in Computer Science, 2011, , 519-524.	1.3	5
49	Nearest Neighbor Voting in High-Dimensional Data: Learning from Past Occurrences. , 2011, , .		4
50	Conceptualization of science using collaboration and competences. Electronic Library, 2016, 34, 2-23.	1.4	4
51	Optimal Missing Value Estimation Algorithm for Groundwater Levels. Proceedings (mdpi), 2018, 2, .	0.2	4
52	Demo: HistoryViz â€" Visualizing Events and Relations Extracted from Wikipedia. Lecture Notes in Computer Science, 2009, , 903-907.	1.3	4
53	Mashups for the Web of Things. , 2013, , 145-169.		4
54	Enriching Artificial Intelligence Explanations with Knowledge Fragments. Future Internet, 2022, 14, 134.	3.8	4

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55	Evaluation of Semi-Automatic Ontology Generation in Real-World Setting. Information Technology Interfaces (ITI), Proceedings of the International Conference on, 2007, , .	0.0	3
56	Application of semantic annotations to predicting users' demographics. , 2010, , .		3
57	APPLYING SEMANTIC TECHNOLOGY TO BUSINESS NEWS ANALYSIS. Applied Artificial Intelligence, 2013, 27, 520-550.	3.2	3
58	Constructing a Natural Language Inference dataset using generative neural networks. Computer Speech and Language, 2017, 46, 94-112.	4.3	3
59	Comparing and Combining Two Approaches to Automated Subject Classification of Text. Lecture Notes in Computer Science, 2006, , 467-470.	1.3	3
60	Using String Kernels for Classification of Slovenian Web Documents. , 2006, , 358-365.		3
61	Visualization of Temporal Semantic Spaces. , 2009, , 155-169.		3
62	Correcting the hub occurrence prediction bias in many dimensions. Computer Science and Information Systems, 2016, 13, 1-21.	1.0	3
63	Contextualized Question Answering. Journal of Computing and Information Technology, 2010, 18, 325.	0.3	3
64	Explaining Bad Forecasts in Global Time Series Models. Applied Sciences (Switzerland), 2021, 11, 9243.	2.5	3
65	Help Me Learn! Architecture and Strategies to Combine Recommendations and Active Learning in Manufacturing. Information (Switzerland), 2021, 12, 473.	2.9	3
66	Cyber-Physical LPG Debutanizer Distillation Columns: Machine-Learning-Based Soft Sensors for Product Quality Monitoring. Applied Sciences (Switzerland), 2021, 11, 11790.	2.5	3
67	Capturing Document Semantics for Ontology Generation and Document Summarization. , 2009, , 141-154.		2
68	Semantic web wiki: Social network analysis of page editing. , 2009, , .		2
69	Constructing Event Templates from Written News. , 2009, , .		2
70	OntoGen extension for exploring image collections. , 2011, , .		2
71	Measuring concept similarity in ontologies using weighted concept paths. Applied Ontology, 2014, 9, 65-95.	2.0	2
72	Joint learning of ontology and semantic parser from text. Intelligent Data Analysis, 2017, 21, 19-38.	0.9	2

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73	HDCMD: A Clustering Algorithm to Support Hand Detection on Multitouch Displays. Lecture Notes in Computer Science, 2013, , 803-814.	1.3	2
74	Web Browsing Using Machine Learning on Text Data. Studies in Fuzziness and Soft Computing, 2003, , 288-303.	0.8	2
75	Text Mining-Machine Learning on Documents. , 2005, , 1109-1112.		2
76	Visual OntoBridge: Semi-automatic Semantic Annotation Software. Lecture Notes in Computer Science, 2009, , 726-729.	1.3	2
77	Document Classification. , 2017, , 372-377.		2
78	Cross-lingual search over 22 european languages. , 2008, , .		1
79	Text stream processing. , 2012, , .		1
80	A personal perspective on photowork: implicit human–computer interaction for photo collection management. Personal and Ubiquitous Computing, 2013, 17, 1787-1795.	2.8	1
81	Object recognition in wikimage data based on local invariant image features. , 2013, , .		1
82	Analysis of information cascading and propagation barriers across distinctive news events. Journal of Intelligent Information Systems, 2021, , 1-34.	3.9	1
83	Knowledge Discovery for Semantic Web. , 2009, , 21-36.		1
84	Visualizing Very Large Graphs Using Clustering Neighborhoods. Lecture Notes in Computer Science, 2005, , 89-97.	1.3	1
85	Modeling Common Real-Word Relations Using Triples Extracted from n-Grams. Lecture Notes in Computer Science, 2009, , 16-30.	1.3	1
86	Image Hub Explorer: Evaluating Representations and Metrics for Content-Based Image Retrieval and Object Recognition. Lecture Notes in Computer Science, 2013, , 637-640.	1.3	1
87	Feature Construction in Text Mining. , 2016, , 1-6.		1
88	Using Text Mining and Link Analysis for Software Mining. , 2008, , 1-12.		1
89	Challenges and creativity in IT research. , 2005, , .		0
90	User Study of Ontology Generation Tool. Information Technology Interfaces (ITI), Proceedings of the International Conference on, 2007, , .	0.0	0

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91	Guest editorsâ€™ introduction: SpecialÂIssueÂfromÂECMLÂPKDDÂ2009. Machine Learning, 2009, 76, 175-177.	5.4	0
92	Visualization of Web Page Content Using Semantic Technologies. , 2010, , .		0
93	Towards building a global oracle. , 2012, , .		0
94	Image hub explorer: evaluating representations and metrics for content-based image retrieval and object recognition. Multimedia Tools and Applications, 2015, 74, 11653-11682.	3.9	0
95	AnswerArt - Contextualized Question Answering. Lecture Notes in Computer Science, 2010, , 579-582.	1.3	0
96	Information Resource Recommendation in Knowledge Processes. Lecture Notes in Computer Science, 2012, , 186-193.	1.3	0
97	Feature Selection in Text Mining. , 2016, , 1-5.		0
98	Text Mining for the Semantic Web. , 2016, , 1-3.		0
99	Feature Selection in Text Mining. , 2017, , 511-515.		0
100	Feature Construction in Text Mining. , 2017, , 498-503.		0
101	Text Mining for the Semantic Web. , 2017, , 1262-1263.		0
102	Text Mining in Action!. , 2006, , 52-62.		0
103	Ontology Generation from Social Networks. , 2009, , 129-139.		0
104	Introduction to Semantic Knowledge Management. , 2009, , 1-2.		0