

Peter Vojtas

List of Publications by Year in descending order

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72
papers

792
citations

840119

11
h-index

552369

26
g-index

76
all docs

76
docs citations

76
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Fuzzy logic programming. Fuzzy Sets and Systems, 2001, 124, 361-370.	1.6	172
2	Similarity-based unification: a multi-adjoint approach. Fuzzy Sets and Systems, 2004, 146, 43-62.	1.6	167
3	Multi-adjoint Logic Programming with Continuous Semantics. Lecture Notes in Computer Science, 2001, , 351-364.	1.0	50
4	A Procedural Semantics for Multi-adjoint Logic Programming. Lecture Notes in Computer Science, 2001, , 290-297.	1.0	30
5	Soundness and completeness of non-classical extended SLD-resolution. Lecture Notes in Computer Science, 1996, , 289-301.	1.0	28
6	Refinement properties and extensions of filters in Boolean algebras. Transactions of the American Mathematical Society, 1981, 267, 265-283.	0.5	27
7	A comparison of fuzzy and annotated logic programming. Fuzzy Sets and Systems, 2004, 144, 173-192.	1.6	27
8	Using Implicit Preference Relations to Improve Recommender Systems. Journal on Data Semantics, 2017, 6, 15-30.	2.0	19
9	Graded many-valued resolution with aggregation. Fuzzy Sets and Systems, 2004, 143, 157-168.	1.6	16
10	Towards Biresiduated Multi-adjoint Logic Programming. Lecture Notes in Computer Science, 2004, , 608-617.	1.0	13
11	UPRE: User Preference Based Search System. , 2006, , .		12
12	Induction of Fuzzy and Annotated Logic Programs. Lecture Notes in Computer Science, 2006, , 260-274.	1.0	12
13	Chapter 17 Fuzzy logic aggregation for semantic web search for the best (top-k) answer. Capturing Intelligence, 2006, 1, 341-359.	1.5	11
14	Ordinal Classification with Monotonicity Constraints. Lecture Notes in Computer Science, 2006, , 217-225.	1.0	11
15	Learning User Preferences for 2CP-Regression for a Recommender System. Lecture Notes in Computer Science, 2010, , 346-357.	1.0	11
16	UPComp - A PHP Component for Recommendation Based on User Behaviour. , 2011, , .		11
17	Negative implicit feedback in e-commerce recommender systems. , 2013, , .		11
18	Enhancing Recommender System with Linked Open Data. Lecture Notes in Computer Science, 2013, , 483-494.	1.0	11

#	ARTICLE	IF	CITATIONS
19	Almost Disjoint Refinement of Families of Subsets of N . Proceedings of the American Mathematical Society, 1980, 79, 465.	0.4	10
20	A Data Model for Flexible Querying. Lecture Notes in Computer Science, 2001, , 280-293.	1.0	9
21	Off-line vs. On-line Evaluation of Recommender Systems in Small E-commerce. , 2020, , .		9
22	Dependences between definitions of finiteness. Czechoslovak Mathematical Journal, 1988, 38, 389-397.	0.3	9
23	A Multi-Adjoint Approach to Similarity-Based Unification. Electronic Notes in Theoretical Computer Science, 2002, 66, 70-85.	0.9	8
24	Using Linked Open Data in Recommender Systems. , 2015, , .		8
25	Hybrid Recommending Exploiting Multiple DBpedia Language Editions. Communications in Computer and Information Science, 2014, , 144-149.	0.4	8
26	A system recommending top-k objects for multiple users preferences. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	6
27	Estimating importance of implicit factors in e-commerce recommender systems. , 2012, , .		6
28	A Multi-adjoint Logic Approach to Abductive Reasoning. Lecture Notes in Computer Science, 2001, , 269-283.	1.0	5
29	Boolean Isomorphism between Partial Orderings of Convergent and Divergent Series and Infinite Subsets of \mathbb{N} . Proceedings of the American Mathematical Society, 1993, 117, 235.	0.4	4
30	A completeness theorem for multi-adjoint logic programming. , 0, , .		4
31	Considering Data-Mining Techniques in User Preference Learning. , 2008, , .		4
32	Information Extraction from Web Pages. , 2009, , .		4
33	Speeding Up the NRA Algorithm. Lecture Notes in Computer Science, 2008, , 243-255.	1.0	4
34	On Fuzzy vs. Metric Similarity Search in Complex Databases. Lecture Notes in Computer Science, 2009, , 64-75.	1.0	4
35	Uncertainty Issues and Algorithms in Automating Process Connecting Web and User. Lecture Notes in Computer Science, 2008, , 207-223.	1.0	4
36	Combining Various Methods of Automated User Decision and Preferences Modelling. Lecture Notes in Computer Science, 2009, , 172-181.	1.0	4

#	ARTICLE	IF	CITATIONS
37	On Top-k Search with No Random Access Using Small Memory. Lecture Notes in Computer Science, 2008, , 97-111.	1.0	4
38	Value-transformation for monotone prediction by approximating fuzzy membership functions. , 2011, , .		3
39	Cardinalities of noncentered systems of subsets of \mathbb{I}^n . Discrete Mathematics, 1992, 108, 125-129.	0.4	2
40	Integrating user and group preferences for top-k search from distributed web resources. , 2007, , .		2
41	Computing Aggregations from Linguistic Web Resources: A Case Study in Czech Republic Sector/Traffic Accidents. , 2008, , .		2
42	Context Aware Named Entity Disambiguation. , 2012, , .		2
43	Fuzzy ILP Classification of web reports after linguistic text mining. Information Processing and Management, 2012, 48, 438-450.	5.4	2
44	Various approaches to text representation for named entity disambiguation. International Journal of Web Information Systems, 2013, 9, 242-259.	1.3	2
45	Web Semantization " Design and Principles. Advances in Intelligent and Soft Computing, 2010, , 3-18.	0.2	2
46	Comparison of Scoring and Order Approach in Description Logic $\mathcal{EL(D)}$. Lecture Notes in Computer Science, 2010, , 709-720.	1.0	2
47	Aggregating Similar Witnesses for Flexible Query Answering. , 2001, , 220-229.		2
48	Mining Rules from Monotone Classification Measuring Impact of Information Systems on Business Competitiveness. , 2004, , 451-458.		1
49	Using Tuneable Fuzzy Similarity in Non-metric Search. , 2009, , .		1
50	Pref Shop A Web Shop with User Preference Search Capabilities. , 2010, , .		1
51	Using Implicit Preference Relations to Improve Content Based Recommending. Lecture Notes in Business Information Processing, 2015, , 3-16.	0.8	1
52	Predictability of Off-line to On-line Recommender Measures via Scaled Fuzzy Implicators. , 2020, , .		1
53	Evaluating Top-k Algorithms with Various Sources of Data and User Preferences. Lecture Notes in Computer Science, 2011, , 258-269.	1.0	1
54	Modelling User Preferences from Implicit Preference Indicators via Compensational Aggregations. Lecture Notes in Business Information Processing, 2014, , 138-145.	0.8	1

#	ARTICLE	IF	CITATIONS
55	Monotonization of User Preferences. <i>Advances in Intelligent Systems and Computing</i> , 2016, , 29-40.	0.5	1
56	Understanding Transparent and Complicated Users as Instances of Preference Learning for Recommender Systems. <i>Lecture Notes in Computer Science</i> , 2016, , 23-34.	1.0	1
57	Basis Functions as Pivots in Space of Users Preferences. <i>Communications in Computer and Information Science</i> , 2016, , 45-53.	0.4	1
58	Graphical E-Commerce Values Filtering Model in Spatial Database Framework. <i>Communications in Computer and Information Science</i> , 2019, , 210-220.	0.4	1
59	Evaluating Natural User Preferences for Selective Retrieval. , 2009, , .		0
60	Fuzzy Classification of Web Reports with Linguistic Text Mining. , 2009, , .		0
61	Generic Private Social Network for Knowledge Management. <i>Lecture Notes in Computer Science</i> , 2015, , 27-41.	1.0	0
62	Invited papers from the ACM conference on hypertext and social media. <i>New Review of Hypermedia and Multimedia</i> , 2018, 24, 61-62.	0.9	0
63	Aggregation for Flexible Challenge Response. <i>Lecture Notes in Computer Science</i> , 2021, , 209-222.	1.0	0
64	Knowledge Processing for Web Search – An Integrated Model. <i>Studies in Computational Intelligence</i> , 2008, , 96-104.	0.7	0
65	Sociomapping in Text Retrieval Systems. <i>Lecture Notes in Computer Science</i> , 2009, , 122-133.	1.0	0
66	Order-Oriented Reasoning in Description Logics. <i>Advances in Intelligent and Soft Computing</i> , 2010, , 219-228.	0.2	0
67	User Assisted Creation of Open-Linked Data for Training Web Information Extraction in a Social Network. , 2013, , 28-38.		0
68	Interpreting Web Shop User’s Behavioral Patterns as Fictitious Explicit Rating for Preference Learning. <i>Lecture Notes in Computer Science</i> , 2014, , 251-265.	1.0	0
69	On matrix rapid filters. <i>Fundamenta Mathematicae</i> , 1997, 154, 177-182.	0.2	0
70	Linguistic Extraction for Semantic Annotation. <i>Studies in Computational Intelligence</i> , 2008, , 85-94.	0.7	0
71	Integrating user and group preferences for top-k search from distributed web resources. <i>Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on</i> , 2007, , .	0.0	0
72	Hierarchical Portfolios in Recommender Ecosystems. , 2022, , .		0