

Peter Vojtas

List of Publications by Year in descending order

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72
papers

792
citations

840585

11
h-index

552653

26
g-index

76
all docs

76
docs citations

76
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Portfolios in Recommender Ecosystems. , 2022, , .		0
2	Aggregation for Flexible Challenge Response. Lecture Notes in Computer Science, 2021, , 209-222.	1.0	0
3	Predictability of Off-line to On-line Recommender Measures via Scaled Fuzzy Implicators. , 2020, , .		1
4	Off-line vs. On-line Evaluation of Recommender Systems in Small E-commerce. , 2020, , .		9
5	Graphical E-Commerce Values Filtering Model in Spatial Database Framework. Communications in Computer and Information Science, 2019, , 210-220.	0.4	1
6	Invited papers from the ACM conference on hypertext and social media. New Review of Hypermedia and Multimedia, 2018, 24, 61-62.	0.9	0
7	Using Implicit Preference Relations to Improve Recommender Systems. Journal on Data Semantics, 2017, 6, 15-30.	2.0	19
8	Monotonization of User Preferences. Advances in Intelligent Systems and Computing, 2016, , 29-40.	0.5	1
9	Understanding Transparent and Complicated Users as Instances of Preference Learning for Recommender Systems. Lecture Notes in Computer Science, 2016, , 23-34.	1.0	1
10	Basis Functions as Pivots in Space of Users Preferences. Communications in Computer and Information Science, 2016, , 45-53.	0.4	1
11	Using Implicit Preference Relations to Improve Content Based Recommending. Lecture Notes in Business Information Processing, 2015, , 3-16.	0.8	1
12	Using Linked Open Data in Recommender Systems. , 2015, , .		8
13	Generic Private Social Network for Knowledge Management. Lecture Notes in Computer Science, 2015, , 27-41.	1.0	0
14	Hybrid Recommending Exploiting Multiple DBPedia Language Editions. Communications in Computer and Information Science, 2014, , 144-149.	0.4	8
15	Modelling User Preferences from Implicit Preference Indicators via Compensational Aggregations. Lecture Notes in Business Information Processing, 2014, , 138-145.	0.8	1
16	Interpreting Web Shop Userâ€™s Behavioral Patterns as Fictitious Explicit Rating for Preference Learning. Lecture Notes in Computer Science, 2014, , 251-265.	1.0	0
17	Negative implicit feedback in e-commerce recommender systems. , 2013, , .		11
18	Various approaches to text representation for named entity disambiguation. International Journal of Web Information Systems, 2013, 9, 242-259.	1.3	2

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19	Enhancing Recommender System with Linked Open Data. Lecture Notes in Computer Science, 2013, , 483-494.	1.0	11
20	User Assisted Creation of Open-Linked Data for Training Web Information Extraction in a Social Network. , 2013, , 28-38.		0
21	Context Aware Named Entity Disambiguation. , 2012, , .		2
22	Estimating importance of implicit factors in e-commerce recommender systems. , 2012, , .		6
23	Fuzzy ILP Classification of web reports after linguistic text mining. Information Processing and Management, 2012, 48, 438-450.	5.4	2
24	Value-transformation for monotone prediction by approximating fuzzy membership functions. , 2011, , .		3
25	UPComp - A PHP Component for Recommendation Based on User Behaviour. , 2011, , .		11
26	Evaluating Top-k Algorithms with Various Sources of Data and User Preferences. Lecture Notes in Computer Science, 2011, , 258-269.	1.0	1
27	Learning User Preferences for 2CP-Regression for a Recommender System. Lecture Notes in Computer Science, 2010, , 346-357.	1.0	11
28	Pref Shop A Web Shop with User Preference Search Capabilities. , 2010, , .		1
29	Web Semantization " Design and Principles. Advances in Intelligent and Soft Computing, 2010, , 3-18.	0.2	2
30	Comparison of Scoring and Order Approach in Description Logic $\mathcal{EL(D)}$. Lecture Notes in Computer Science, 2010, , 709-720.	1.0	2
31	Order-Oriented Reasoning in Description Logics. Advances in Intelligent and Soft Computing, 2010, , 219-228.	0.2	0
32	Evaluating Natural User Preferences for Selective Retrieval. , 2009, , .		0
33	Fuzzy Classification of Web Reports with Linguistic Text Mining. , 2009, , .		0
34	Using Tuneable Fuzzy Similarity in Non-metric Search. , 2009, , .		1
35	Information Extraction from Web Pages. , 2009, , .		4
36	On Fuzzy vs. Metric Similarity Search in Complex Databases. Lecture Notes in Computer Science, 2009, , 64-75.	1.0	4

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37	Sociomapping in Text Retrieval Systems. Lecture Notes in Computer Science, 2009, , 122-133.	1.0	0
38	Combining Various Methods of Automated User Decision and Preferences Modelling. Lecture Notes in Computer Science, 2009, , 172-181.	1.0	4
39	Considering Data-Mining Techniques in User Preference Learning. , 2008, , .		4
40	Computing Aggregations from Linguistic Web Resources: A Case Study in Czech Republic Sector/Traffic Accidents. , 2008, , .		2
41	Speeding Up the NRA Algorithm. Lecture Notes in Computer Science, 2008, , 243-255.	1.0	4
42	Uncertainty Issues and Algorithms in Automating Process Connecting Web and User. Lecture Notes in Computer Science, 2008, , 207-223.	1.0	4
43	Knowledge Processing for Web Search " An Integrated Model. Studies in Computational Intelligence, 2008, , 96-104.	0.7	0
44	Linguistic Extraction for Semantic Annotation. Studies in Computational Intelligence, 2008, , 85-94.	0.7	0
45	On Top-k Search with No Random Access Using Small Memory. Lecture Notes in Computer Science, 2008, , 97-111.	1.0	4
46	A system recommending top-k objects for multiple users preferences. IEEE International Conference on Fuzzy Systems, 2007, , .	0.0	6
47	Integrating user and group preferences for top-k search from distributed web resources. , 2007, , .		2
48	Integrating user and group preferences for top-k search from distributed web resources. Database and Expert Systems Applications (DEXA), Proceedings of the International Workshop on, 2007, , .	0.0	0
49	UPRE: User Preference Based Search System. , 2006, , .		12
50	Chapter 17 Fuzzy logic aggregation for semantic web search for the best (top-k) answer. Capturing Intelligence, 2006, 1, 341-359.	1.5	11
51	Ordinal Classification with Monotonicity Constraints. Lecture Notes in Computer Science, 2006, , 217-225.	1.0	11
52	Induction of Fuzzy and Annotated Logic Programs. Lecture Notes in Computer Science, 2006, , 260-274.	1.0	12
53	A comparison of fuzzy and annotated logic programming. Fuzzy Sets and Systems, 2004, 144, 173-192.	1.6	27
54	Graded many-valued resolution with aggregation. Fuzzy Sets and Systems, 2004, 143, 157-168.	1.6	16

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55	Similarity-based unification: a multi-adjoint approach. <i>Fuzzy Sets and Systems</i> , 2004, 146, 43-62.	1.6	167
56	Mining Rules from Monotone Classification Measuring Impact of Information Systems on Business Competitiveness. , 2004, , 451-458.		1
57	Towards Biresiduated Multi-adjoint Logic Programming. <i>Lecture Notes in Computer Science</i> , 2004, , 608-617.	1.0	13
58	A Multi-Adjoint Approach to Similarity-Based Unification. <i>Electronic Notes in Theoretical Computer Science</i> , 2002, 66, 70-85.	0.9	8
59	Fuzzy logic programming. <i>Fuzzy Sets and Systems</i> , 2001, 124, 361-370.	1.6	172
60	A Data Model for Flexible Querying. <i>Lecture Notes in Computer Science</i> , 2001, , 280-293.	1.0	9
61	A Procedural Semantics for Multi-adjoint Logic Programming. <i>Lecture Notes in Computer Science</i> , 2001, , 290-297.	1.0	30
62	Multi-adjoint Logic Programming with Continuous Semantics. <i>Lecture Notes in Computer Science</i> , 2001, , 351-364.	1.0	50
63	A Multi-adjoint Logic Approach to Abductive Reasoning. <i>Lecture Notes in Computer Science</i> , 2001, , 269-283.	1.0	5
64	Aggregating Similar Witnesses for Flexible Query Answering. , 2001, , 220-229.		2
65	On matrix rapid filters. <i>Fundamenta Mathematicae</i> , 1997, 154, 177-182.	0.2	0
66	Soundness and completeness of non-classical extended SLD-resolution. <i>Lecture Notes in Computer Science</i> , 1996, , 289-301.	1.0	28
67	Boolean Isomorphism between Partial Orderings of Convergent and Divergent Series and Infinite Subsets of \mathbb{N} . <i>Proceedings of the American Mathematical Society</i> , 1993, 117, 235.	0.4	4
68	Cardinalities of noncentered systems of subsets of \mathbb{N} . <i>Discrete Mathematics</i> , 1992, 108, 125-129.	0.4	2
69	Dependences between definitions of finiteness. <i>Czechoslovak Mathematical Journal</i> , 1988, 38, 389-397.	0.3	9
70	Refinement properties and extensions of filters in Boolean algebras. <i>Transactions of the American Mathematical Society</i> , 1981, 267, 265-283.	0.5	27
71	Almost Disjoint Refinement of Families of Subsets of \mathbb{N} . <i>Proceedings of the American Mathematical Society</i> , 1980, 79, 465.	0.4	10
72	A completeness theorem for multi-adjoint logic programming. , 0, , .		4