Alexander Tuzhilin

List of Publications by Year
in descending order

51	4,418	394421 19	377865 34
papers	citations	h-index	g-index

51	51	51	2556
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Learning Latent Multi-Criteria Ratings From User Reviews for Recommendations. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3854-3866.	5.7	5
2	Know Thy Context: Parsing Contextual Information from User Reviews for Recommendation Purposes. Information Systems Research, 2022, 33, 179-202.	3.7	8
3	Context-Aware Recommender Systems: From Foundations to Recent Developments. , 2022, , 211-250.		13
4	Dual Metric Learning for Effective and Efficient Cross-Domain Recommendations. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	18
5	Hierarchical Latent Context Representation for Context-Aware Recommendations. IEEE Transactions on Knowledge and Data Engineering, 2020, , 1-1.	5.7	8
6	Context-Aware Recommendations Based on Deep Learning Frameworks. ACM Transactions on Management Information Systems, 2020, 11, 1-15.	2.8	41
7	Latent Unexpected Recommendations. ACM Transactions on Intelligent Systems and Technology, 2020, 11, 1-25.	4.5	6
8	Recommendation strategies in personalization applications. Information and Management, 2019, 56, 103143.	6.5	35
9	Third workshop on recommendation in complex scenarios (ComplexRec 2019). , 2019, , .		0
10	Recommending Remedial Learning Materials to Students by Filling Their Knowledge Gaps. MIS Quarterly: Management Information Systems, 2018, 42, 313-332.	4.2	19
11	Using Social Sensors for Detecting Emergency Events. ACM Transactions on Management Information Systems, 2017, 8, 1-20.	2.8	19
12	Recommender systems â€" beyond matrix completion. Communications of the ACM, 2016, 59, 94-102.	4.5	113
13	Research Noteâ€"In CARSs We Trust: How Context-Aware Recommendations Affect Customersâ€™ Trust and Other Business Performance Measures of Recommender Systems. Information Systems Research, 2016, 27, 182-196.	3.7	66
14	Context-Aware Recommender Systems. , 2015, , 191-226.		171
15	Comparing context-aware recommender systems in terms of accuracy and diversity. User Modeling and User-Adapted Interaction, 2014, 24, 35-65.	3.8	116
16	Recommendation opportunities. , 2013, , .		13
17	Customer relationship management and Web mining: the next frontier. Data Mining and Knowledge Discovery, 2012, 24, 584-612.	3.7	27
18	Context-Aware Recommender Systems. , 2011, , 217-253.		723

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19	Contextâ€Aware Recommender Systems. AI Magazine, 2011, 32, 67-80.	1.6	429
20	The effect of context-aware recommendations on customer purchasing behavior and trust. , 2011, , .		40
21	Cost-aware travel tour recommendation. , 2011, , .		83
22	REQUEST: A Query Language for Customizing Recommendations. Information Systems Research, 2011, 22, 99-117.	3.7	41
23	Dynamic micro-targeting: fitness-based approach to predicting individual preferences. Knowledge and Information Systems, 2009, 19, 337-360.	3.2	6
24	Preface to the special issue on data mining for personalization. User Modeling and User-Adapted Interaction, 2009, 19, 1-3.	3.8	9
25	Improving Personalization Solutions through Optimal Segmentation of Customer Bases. IEEE Transactions on Knowledge and Data Engineering, 2009, 21, 305-320.	5.7	36
26	Experimental comparison of pre- vs. post-filtering approaches in context-aware recommender systems. , 2009, , .		108
27	Using Context to Improve Predictive Modeling of Customers in Personalization Applications. IEEE Transactions on Knowledge and Data Engineering, 2008, 20, 1535-1549.	5.7	155
28	Improving Collaborative Filtering Recommendations Using External Data. , 2008, , .		19
29	Managing large collections of data mining models. Communications of the ACM, 2008, 51, 85-89.	4.5	16
30	Personalization and Recommender Systems. , 2008, , 55-107.		18
31	Context-aware recommender systems. , 2008, , .		150
32	Validation Sequence Optimization: A Theoretical Approach. INFORMS Journal on Computing, 2007, 19, 185-200.	1.7	3
33	Dynamic Micro Targeting: Fitness-Based Approach to Predicting Individual Preferences. , 2007, , .		5
34	User Profiling with Hierarchical Context: An e-Retailer Case Study. , 2007, , 369-383.		6
35	Improving Personalization Solutions through Optimal Segmentation of Customer Bases. IEEE International Conference on Data Mining, 2006, , .	0.0	6
36	Personalization technologies. Communications of the ACM, 2005, 48, 83-90.	4.5	280

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37	Incorporating contextual information in recommender systems using a multidimensional approach. ACM Transactions on Information Systems, 2005, 23, 103-145.	4.9	1,000
38	On the Use of Optimization for Data Mining: Theoretical Interactions and eCRM Opportunities. Management Science, 2003, 49, 1327-1343.	4.1	89
39	AN ARCHITECTURE OF e-BUTLER: A CONSUMER-CENTRIC ONLINE PERSONALIZATION SYSTEM. International Journal of Computational Intelligence and Applications, 2002, 02, 313-327.	0.8	14
40	Querying multiple sets of discovered rules. , 2002, , .		30
41	Knowledge refinement based on the discovery of unexpected patterns in data mining. Decision Support Systems, 2002, 33, 309-321.	5.9	44
42	Expert-Driven Validation of Rule-Based User Models in Personalization Applications. Data Mining and Knowledge Discovery, 2001, 5, 33-58.	3.7	105
43	Multidimensional Recommender Systems: A Data Warehousing Approach. Lecture Notes in Computer Science, 2001, , 180-192.	1.3	51
44	Expert-Driven Validation of Rule-Based User Models in Personalization Application. , 2001, , 33-58.		9
45	Report on the KDD2000 panel personalization and data mining. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2000, 2, 115-116.	4.0	4
46	Unexpectedness as a measure of interestingness in knowledge discovery. Decision Support Systems, 1999, 27, 303-318.	5.9	137
47	Modeling data-intensive reactive systems with relational transition systems. Acta Informatica, 1996, 33, 203-231.	0.5	0
48	On periodicity in temporal databases. Information Systems, 1995, 20, 619-639.	3.6	35
49	Templar. ACM Transactions on Information Systems, 1995, 13, 269-304.	4.9	7
50	On completeness of historical relational query languages. ACM Transactions on Database Systems, 1994, 19, 64-116.	2.8	80
51	Know thy Context: Parsing Contextual Information from User Reviews for Recommendation Purposes. SSRN Electronic Journal, 0, , .	0.4	2