Cataldo Musto

List of Publications by Year
in descending order

80 papers	1,512 citations	471509 17 h-index	477307 29 g-index
85 all docs	85 docs citations	85 times ranked	1068 citing authors

#	Article	IF	Citations
1	First Workshop on Adaptive and Personalized Explainable User Interfaces (APEx-UI 2022). , 2022, , .		1
2	Semantics and Content-Based Recommendations. , 2022, , 251-298.		9
3	Lexicon Enriched Hybrid Hate Speech Detection with Human-Centered Explanations. , 2022, , .		1
4	A Virtual Assistant for the Movie Domain Exploiting Natural Language Preference Elicitation Strategies. , 2022, , .		0
5	Generating post hoc review-based natural language justifications for recommender systems. User Modeling and User-Adapted Interaction, 2021, 31, 629-673.	3.8	24
6	Context-aware graph-based recommendations exploiting Personalized PageRank. Knowledge-Based Systems, 2021, 216, 106806.	7.1	19
7	Exploring the Effects of Natural Language Justifications in Food Recommender Systems. , 2021, , .		12
8	Together is Better: Hybrid Recommendations Combining Graph Embeddings and Contextualized Word Representations. , 2021, , .		8
9	Third Knowledge-aware and Conversational Recommender Systems Workshop (KaRS). , 2021, , .		1
10	<scp>MyrrorBot</scp> : A Digital Assistant Based on Holistic User Models for Personalized Access to Online Services. ACM Transactions on Information Systems, 2021, 39, 1-34.	4.9	6
11	Mapping Twitter hate speech towards social and sexual minorities: a lexicon-based approach to semantic content analysis. Behaviour and Information Technology, 2020, 39, 711-721.	4.0	52
12	Myrror: a platform for holistic user modeling. User Modeling and User-Adapted Interaction, 2020, 30, 477-511.	3.8	13
13	Generating Recommendations From Multiple Data Sources: A Methodological Framework for System Design and Its Application. IEEE Access, 2020, 8, 183430-183447.	4.2	8
14	HealthAssistantBot: A Personal Health Assistant for the Italian Language. IEEE Access, 2020, 8, 107479-107497.	4.2	36
15	Towards a Knowledge-aware Food Recommender System Exploiting Holistic User Models. , 2020, , .		18
16	Towards Queryable User Profiles: Introducing Conversational Agents in a Platform for Holistic User Modeling. , 2020, , .		5
17	â€œContro Lâ€™Odioâ€: A Platform for Detecting, Monitoring and Visualizing Hate Speech against Immigrants in Italian Social Media. Ijcol, 2020, 6, 77-97.	0.3	5
18	Workshop on Explainable User Models and Personalized Systems (ExUM 2020). , 2020, , .		0

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19	Exploiting Distributional Semantics Models for Natural Language Context-aware Justifications for Recommender Systems. , 2020, , 394-401.		2
20	UMAP 2020 Workshop on Explainable User Models and Personalised Systems (ExUM) Chairs' Welcome & Organization. , 2020, , .		0
21	Justifying Recommendations through Aspect-based Sentiment Analysis of Users Reviews. , 2019, , .		23
22	Semantics in Adaptive and Personalised Systems. , 2019, , .		3
23	Combining text summarization and aspect-based sentiment analysis of users' reviews to justify recommendations. , 2019, , .		16
24	Embedding Knowledge Graphs for Semantics-aware Recommendations based on DBpedia. , 2019, , .		2
25	Trends in content-based recommendation. User Modeling and User-Adapted Interaction, 2019, 29, 239-249.	3.8	110
26	Linked open data-based explanations for transparent recommender systems. International Journal of Human Computer Studies, 2019, 121, 93-107.	5.6	58
27	Hybrid Semantics-Aware Recommendations Exploiting Knowledge Graph Embeddings. Lecture Notes in Computer Science, 2019, , 87-100.	1.3	3
28	Adaptive and Personalized Systems Based on Semantics. , 2019, , 105-168.		0
29	Encoding Endogenous Semantics. , 2019, , 43-69.		0
30	Conclusions and Future Challenges. , 2019, , 169-171.		0
31	Semantics-aware Recommender Systems Exploiting Linked Open Data and Graph-based Features. , 2018, , .		4
32	TV-Program Retrieval and Classification: A Comparison of Approaches based on Machine Learning. Information Systems Frontiers, 2018, 20, 1157-1171.	6.4	7
33	Knowledge-aware and conversational recommender systems. , 2018, , .		15
34	Myrror. , 2018, , .		1
35	UMAP 2018 HUM (Holistic User Modeling) Workshop Chairs' Preface &Organization. , 2018, , .		0
36	A Framework for Holistic User Modeling Merging Heterogeneous Digital Footprints. , 2018, , .		8

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37	Deep Content-based Recommender Systems Exploiting Recurrent Neural Networks and Linked Open Data. , 2018, , .		20
38	Towards a Conceptual Model for Holistic Recommendations. , 2018, , .		8
39	Recommendations Biases and Beyond-Accuracy Objectives in Collaborative Filtering. , 2018, , 329-368.		1
40	Tuning Personalized PageRank for Semantics-Aware Recommendations Based on Linked Open Data. Lecture Notes in Computer Science, 2017, , 169-183.	1.3	7
41	Introducing linked open data in graph-based recommender systems. Information Processing and Management, 2017, 53, 405-435.	8.6	53
42	Semantics-aware Recommender Systems exploiting Linked Open Data and graph-based features. Knowledge-Based Systems, 2017, 136, 1-14.	7.1	44
43	A Multi-criteria Recommender System Exploiting Aspect-based Sentiment Analysis of Users' Reviews. , 2017, , .		49
44	A Deep Architecture for Content-based Recommendations Exploiting Recurrent Neural Networks. , 2017, , .		32
45	Feeding a Hybrid Recommendation Framework with Linked Open Data and Graph-Based Features. Lecture Notes in Computer Science, 2017, , 229-242.	1.3	1
46	A Hybrid Recommendation Framework Exploiting Linked Open Data and Graph-based Features. , 2017, , .		0
47	Report on RecSys 2016 Workshop on New Trends in Content-Based Recommender Systems. ACM SIGIR Forum, 2017, 51, 45-51.	0.5	0
48	Semantics-aware Graph-based Recommender Systems Exploiting Linked Open Data. , 2016, , .		27
49	ExpLOD. , 2016, , .		43
50	Modeling Community Behavior through Semantic Analysis of Social Data. , 2016, , .		3
51	Third Workshop on New Trends in Content-based Recommender Systems (CBRecSys 2016). , 2016, , .		0
52	Concept-based item representations for a cross-lingual content-based recommendation process. Information Sciences, 2016, 374, 15-31.	6.9	44
53	Learning Word Embeddings from Wikipedia for Content-Based Recommender Systems. Lecture Notes in Computer Science, 2016, , 729-734.	1.3	51
54	A framework for Personalized Wealth Management exploiting Case-Based Recommender Systems. Intelligenza Artificiale, 2015, 9, 89-103.	1.6	5

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55	CrowdPulse: A framework for real-time semantic analysis of social streams. Information Systems, 2015, 54, 127-146.	3.6	33
56	An investigation on the serendipity problem in recommender systems. Information Processing and Management, 2015, 51, 695-717.	8.6	88
57	A Recommender System for Connecting Patients to the Right Doctors in the HealthNet Social Network. , 2015, , .		20
58	Personalized finance advisory through case-based recommender systems and diversification strategies. Decision Support Systems, 2015, 77, 100-111.	5.9	49
59	Developing Smart Cities Services through Semantic Analysis of Social Streams. , 2015, , .		7
60	Semantics-Aware Content-Based Recommender Systems. , 2015, , 119-159.		129
61	Combining Distributional Semantics and Entity Linking for Context-Aware Content-Based Recommendation. Lecture Notes in Computer Science, 2014, , 381-392.	1.3	21
62	Content-based and collaborative techniques for tag recommendation: an empirical evaluation. Journal of Intelligent Information Systems, 2013, 40, 41-61.	3.9	39
63	The contribution of AI to enhance understanding of Cultural Heritage. Intelligenza Artificiale, 2013, 7, 101-112.	1.6	6
64	Semantic technologies for industry: From knowledge modeling and integration to intelligent applications. Intelligenza Artificiale, 2013, 7, 125-137.	1.6	6
65	Leveraging Encyclopedic Knowledge for Transparent and Serendipitous User Profiles. Lecture Notes in Computer Science, 2013, , 350-352.	1.3	13
66	Contextual eVSM: A Content-Based Context-Aware Recommendation Framework Based on Distributional Semantics. Lecture Notes in Business Information Processing, 2013, , 125-136.	1.0	11
67	Exploiting Big Data for Enhanced Representations in Content-Based Recommender Systems. Lecture Notes in Business Information Processing, 2013, , 182-193.	1.0	10
68	A folksonomy-based recommender system for personalized access to digital artworks. Journal on Computing and Cultural Heritage, 2012, 5, 1-22.	2.1	22
69	Enhanced Semantic TV-Show Representation for Personalized Electronic Program Guides. Lecture Notes in Computer Science, 2012, , 188-199.	1.3	19
70	Leveraging Social Media Sources to Generate Personalized Music Playlists. Lecture Notes in Business Information Processing, 2012, , 112-123.	1.0	13
71	Leveraging the linkedin social network data for extracting content-based user profiles. , 2011, , .		18
72	Learning semantic content-based profiles for cross-language recommendations. , 2011, , .		3

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73	Combining Collaborative and Content-Based Techniques for Tag Recommendation. Lecture Notes in Business Information Processing, 2010, , 13-23.	1.0	7
74	Enhanced vector space models for content-based recommender systems. , 2010, , .		35
75	Learning Preference Models in Recommender Systems. , 2010, , 387-407.		37
76	Cross-Language Personalization through a Semantic Content-Based Recommender System. Lecture Notes in Computer Science, 2010, , 52-60.	1.3	2
77	Integrating a Content-Based Recommender System into Digital Libraries for Cultural Heritage. Communications in Computer and Information Science, 2010, , 27-38.	0.5	3
78	SpIteR: A Module for Recommending Dynamic Personalized Museum Tours. , 2009, , .		3
79	Content-Based Filtering with Tags: The FIRSt System. , 2009, , .		2
80	A Semantic Content-Based Recommender System Integrating Folksonomies for Personalized Access. Studies in Computational Intelligence, 2009, , 27-47.	0.9	15