

Markus Schedl

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

2,633
citations

361413

20
h-index

345221

36
g-index

120
all docs

120
docs citations

120
times ranked

1159
citing authors

#	ARTICLE	IF	CITATIONS
1	Current challenges and visions in music recommender systems research. International Journal of Multimedia Information Retrieval, 2018, 7, 95-116.	5.2	193
2	Music Information Retrieval: Recent Developments and Applications. Foundations and Trends in Information Retrieval, 2014, 8, 127-261.	6.8	134
3	The LFM-1b Dataset for Music Retrieval and Recommendation. , 2016, , .		100
4	Recommender Systems Leveraging Multimedia Content. ACM Computing Surveys, 2021, 53, 1-38.	23.0	99
5	Fusing Social Media Cues. , 2016, , .		78
6	The neglected user in music information retrieval research. Journal of Intelligent Information Systems, 2013, 41, 523-539.	3.9	71
7	Recsys challenge 2018. , 2018, , .		68
8	Location-aware music recommendation using auto-tagging and hybrid matching. , 2013, , .		64
9	Investigating gender fairness of recommendation algorithms in the music domain. Information Processing and Management, 2021, 58, 102666.	8.6	64
10	A music search engine built upon audio-based and web-based similarity measures. , 2007, , .		61
11	Movie genome: alleviating new item cold start in movie recommendation. User Modeling and User-Adapted Interaction, 2019, 29, 291-343.	3.8	59
12	Deep Learning in Music Recommendation Systems. Frontiers in Applied Mathematics and Statistics, 2019, 5, .	1.3	57
13	Predicting Personality Traits with Instagram Pictures. , 2015, , .		53
14	The Unfairness of Popularity Bias in Music Recommendation: A Reproducibility Study. Lecture Notes in Computer Science, 2020, , 35-42.	1.3	53
15	An innovative three-dimensional user interface for exploring music collections enriched. , 2006, , .		52
16	Music Recommender Systems. , 2015, , 453-492.		49
17	Personality Traits Predict Music Taxonomy Preferences. , 2015, , .		42
18	Feature-combination hybrid recommender systems for automated music playlist continuation. User Modeling and User-Adapted Interaction, 2019, 29, 527-572.	3.8	39

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19	Combining audio-based similarity with web-based data to accelerate automatic music playlist generation. , 2006, , .		38
20	Using Instagram Picture Features to Predict Users'™ Personality. Lecture Notes in Computer Science, 2016, , 850-861.	1.3	36
21	Personality Traits and Music Genres. , 2017, , .		35
22	Exploring Music Collections in Virtual Landscapes. IEEE MultiMedia, 2007, 14, 46-54.	1.7	32
23	Tailoring Music Recommendations to Users by Considering Diversity, Mainstreamness, and Novelty. , 2015, , .		30
24	Location-Aware Music Artist Recommendation. Lecture Notes in Computer Science, 2014, , 205-213.	1.3	30
25	Evaluation in Music Information Retrieval. Journal of Intelligent Information Systems, 2013, 41, 345-369.	3.9	27
26	Hybrid retrieval approaches to geospatial music recommendation. , 2013, , .		27
27	Investigating country-specific music preferences and music recommendation algorithms with the LFM-1b dataset. International Journal of Multimedia Information Retrieval, 2017, 6, 71-84.	5.2	27
28	An Analysis of Approaches Taken in the ACM RecSys Challenge 2018 for Automatic Music Playlist Continuation. ACM Transactions on Intelligent Systems and Technology, 2019, 10, 1-21.	4.5	27
29	Global and country-specific mainstreamness measures: Definitions, analysis, and usage for improving personalized music recommendation systems. PLoS ONE, 2019, 14, e0217389.	2.5	26
30	Analyzing Item Popularity Bias of Music Recommender Systems: Are Different Genders Equally Affected?. , 2021, , .		25
31	New Paths in Music Recommender Systems Research. , 2017, , .		24
32	Affect in Multimedia: Benchmarking Violent Scenes Detection. IEEE Transactions on Affective Computing, 2022, 13, 347-366.	8.3	24
33	Support the underground: characteristics of beyond-mainstream music listeners. EPJ Data Science, 2021, 10, 14.	2.8	24
34	Benchmarking Violent Scenes Detection in movies. , 2014, , .		23
35	Psychology-informed Recommender Systems. Foundations and Trends in Information Retrieval, 2021, 15, 134-242.	6.8	23
36	Audio-visual encoding of multimedia content for enhancing movie recommendations. , 2018, , .		22

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37	Personality Bias of Music Recommendation Algorithms. , 2020, , .		22
38	A music information system automatically generated via Web content mining techniques. Information Processing and Management, 2011, 47, 426-439.	8.6	21
39	Leveraging Microblogs for Spatiotemporal Music Information Retrieval. Lecture Notes in Computer Science, 2013, , 796-799.	1.3	21
40	Recommender systems under European AI regulations. Communications of the ACM, 2022, 65, 69-73.	4.5	21
41	Personality-Based User Modeling for Music Recommender Systems. Lecture Notes in Computer Science, 2016, , 254-257.	1.3	20
42	Exploring the music similarity space on the web. ACM Transactions on Information Systems, 2011, 29, 1-24.	4.9	19
43	#nowplaying Madonna: a large-scale evaluation on estimating similarities between music artists and between movies from microblogs. Information Retrieval, 2012, 15, 183-217.	2.0	19
44	On the Interrelation Between Listener Characteristics and the Perception of Emotions in Classical Orchestra Music. IEEE Transactions on Affective Computing, 2018, 9, 507-525.	8.3	19
45	Explainability in music recommender systems. AI Magazine, 2022, 43, 190-208.	1.6	19
46	User geospatial context for music recommendation in microblogs. , 2014, , .		18
47	Music Similarity and Retrieval. The Kluwer International Series on Information Retrieval, 2016, , .	1.0	18
48	MMTF-14K. , 2018, , .		18
49	A model for serendipitous music retrieval. , 2012, , .		17
50	Exploring Music Diversity Needs Across Countries. , 2016, , .		17
51	Predicting user demographics from music listening information. Multimedia Tools and Applications, 2019, 78, 2897-2920.	3.9	16
52	LFM-2b: A Dataset of Enriched Music Listening Events for Recommender Systems Research and Fairness Analysis. , 2022, , .		16
53	Ameliorating Music Recommendation. , 2013, , .		15
54	Mobile Music Genius. , 2014, , .		14

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55	Iron Maiden While Jogging, Debussy for Dinner?. Lecture Notes in Computer Science, 2015, , 380-391.	1.3	14
56	Personality Traits and the Relationship with (Non-) Disclosure Behavior on Facebook. , 2016, , .		14
57	Distance- and Rank-based Music Mainstreamness Measurement. , 2017, , .		14
58	The relation of culture, socio-economics, and friendship to music preferences: A large-scale, cross-country study. PLoS ONE, 2018, 13, e0208186.	2.5	14
59	Personality Correlates of Music Audio Preferences for Modelling Music Listeners. , 2020, , .		14
60	Modeling Popularity and Temporal Drift of Music Genre Preferences. Transactions of the International Society for Music Information Retrieval, 2020, 3, 17-30.	1.5	14
61	Mining microblogs to infer music artist similarity and cultural listening patterns. , 2012, , .		13
62	Personality and taxonomy preferences, and the influence of category choice on the user experience for music streaming services. Multimedia Tools and Applications, 2019, 78, 20157-20190.	3.9	13
63	Order, context and popularity bias in next-song recommendations. International Journal of Multimedia Information Retrieval, 2019, 8, 101-113.	5.2	13
64	Predicting Genre Preferences from Cultural and Socio-Economic Factors for Music Retrieval. Lecture Notes in Computer Science, 2017, , 561-567.	1.3	12
65	Music Playlist Continuation by Learning from Hand-Curated Examples and Song Features. , 2017, , .		12
66	Large-Scale Analysis of Group-Specific Music Genre Taste from Collaborative Tags. , 2017, , .		12
67	A hybrid approach to music playlist continuation based on playlist-song membership. , 2018, , .		12
68	On the Influence of User Characteristics on Music Recommendation Algorithms. Lecture Notes in Computer Science, 2015, , 339-345.	1.3	12
69	User Models for Culture-Aware Music Recommendation: Fusing Acoustic and Cultural Cues. Transactions of the International Society for Music Information Retrieval, 2020, 3, 1-16.	1.5	12
70	Movie Genome Recommender: A Novel Recommender System Based on Multimedia Content. , 2019, , .		11
71	A professionally annotated and enriched multimodal data set on popular music. , 2013, , .		10
72	Music Retrieval and Recommendation. , 2015, , .		10

#	ARTICLE	IF	CITATIONS
73	The effect of different video summarization models on the quality of video recommendation based on low-level visual features. , 2017, , .		10
74	Multimedia Recommender Systems: Algorithms and Challenges. , 2022, , 973-1014.		10
75	Unlearning Protected User Attributes in Recommendations with Adversarial Training. , 2022, , .		10
76	Harvesting microblogs for contextual music similarity estimation: a co-occurrence-based framework. Multimedia Systems, 2014, 20, 693-705.	4.7	9
77	Timbral modeling for music artist recognition using i-vectors. , 2015, , .		9
78	Multimedia recommender systems. , 2018, , .		9
79	Predicting Music Relistening Behavior Using the ACT-R Framework. , 2021, , .		9
80	Enlightening the sun. Multimedia Tools and Applications, 2010, 49, 101-118.	3.9	8
81	Indicators of Country Similarity in Terms of Music Taste, Cultural, and Socio-economic Factors. , 2017, , .		8
82	Culture-Aware Music Recommendation. , 2018, , .		8
83	Towards Automatic Retrieval of Album Covers. Lecture Notes in Computer Science, 2006, , 531-534.	1.3	8
84	Fusing Web and Audio Predictors to Localize the Origin of Music Pieces for Geospatial Retrieval. Lecture Notes in Computer Science, 2016, , 322-334.	1.3	8
85	An Analysis of Global and Regional Mainstreamness for Personalized Music Recommender Systems. Journal of Mobile Multimedia, 2018, 14, 95-112.	0.9	7
86	9. User awareness in music recommender systems. , 2019, , 223-252.		7
87	Listener Modeling and Context-Aware Music Recommendation Based on Country Archetypes. Frontiers in Artificial Intelligence, 2020, 3, 508725.	3.4	7
88	Intelligent User Interfaces for Music Discovery. Transactions of the International Society for Music Information Retrieval, 2020, 3, 165-179.	1.5	7
89	Building an Interactive Next-Generation Artist Recommender Based on Automatically Derived High-Level Concepts. , 2007, , .		6
90	Minimal test collections for low-cost evaluation of Audio Music Similarity and Retrieval systems. International Journal of Multimedia Information Retrieval, 2013, 2, 59-70.	5.2	6

#	ARTICLE	IF	CITATIONS
91	Mining Culture-Specific Music Listening Behavior from Social Media Data. , 2017, , .		6
92	Music Genre Classification Revisited: An In-Depth Examination Guided by Music Experts. Lecture Notes in Computer Science, 2018, , 49-62.	1.3	6
93	Do Perceived Gender Biases in Retrieval Results Affect Relevance Judgements?. Communications in Computer and Information Science, 2022, , 104-116.	0.5	6
94	A personality-based adaptive system for visualizing classical music performances. , 2016, , .		5
95	Intelligent User Interfaces for Social Music Discovery and Exploration of Large-scale Music Repositories. , 2017, , .		5
96	Rethinking Summarization and Storytelling for Modern Social Multimedia. Lecture Notes in Computer Science, 2018, , 632-644.	1.3	5
97	Intelligent structuring and exploration of digital music collections. Elektrotechnik Und Informationstechnik, 2005, 122, 232-237.	1.1	4
98	Multimedia information retrieval. , 2013, , .		4
99	Prediction of User Demographics from Music Listening Habits. , 2017, , .		4
100	Introducing Global and Regional Mainstreaminess for Improving Personalized Music Recommendation. , 2017, , .		4
101	Retrieving Relevant and Diverse Movie Clips Using the MFVCD-7K Multifaceted Video Clip Dataset. , 2019, , .		4
102	Music Tower Blocks: Multi-Faceted Exploration Interface for Web-Scale Music Access. , 2020, , .		4
103	An Exploratory Study on the Acoustic Musical Properties to Decrease Self-Perceived Anxiety. International Journal of Environmental Research and Public Health, 2022, 19, 994.	2.6	4
104	Music Recommendation Systems: Techniques, Use Cases, and Challenges. , 2022, , 927-971.		4
105	Music Tweet Map: A browsing interface to explore the microblogosphere of music. , 2016, , .		3
106	The Effects of Real-world Events on Music Listening Behavior. , 2018, , .		3
107	Genre Differences of Song Lyrics and Artist Wikis: An Analysis of Popularity, Length, Repetitiveness, and Readability. , 2019, , .		3
108	LEMONS: Listenable Explanations for Music recOmmeNder Systems. Lecture Notes in Computer Science, 2021, , 531-536.	1.3	3

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109	Hybrid music information retrieval. International Journal of Multimedia Information Retrieval, 2013, 2, 1-2.	5.2	2
110	Preface to the Special Issue on user modeling for personalized interaction with music. User Modeling and User-Adapted Interaction, 2020, 30, 195-198.	3.8	2
111	My friends also prefer diverse music. , 2021, , .		2
112	Towards minimal test collections for evaluation of audio music similarity and retrieval. , 2012, , .		1
113	Introducing Surprise and Opposition by Design in Recommender Systems. , 2017, , .		1
114	Exploiting Social Media for Music Information Retrieval. Computer Communications and Networks, 2013, , 449-478.	0.8	1
115	EmoMTB: Emotion-aware Music Tower Blocks. , 2022, , .		1
116	Retrieval and Recommendation Systems at the Crossroads of Artificial Intelligence, Ethics, and Regulation. , 2022, , .		1
117	Psychology-informed Recommender Systems: A Human-Centric Perspective on Recommender Systems. , 2022, , .		0
118	Multiperspective and Multidisciplinary Treatment of Fairness in Recommender Systems Research. , 2022, , .		0