

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	Affect in Multimedia: Benchmarking Violent Scenes Detection. IEEE Transactions on Affective Computing, 2022, 13, 347-366.	8.3	24
2	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
3	Psychology-informed Recommender Systems: A Human-Centric Perspective on Recommender Systems. , 2022, , .		0
4	LFM-2b: A Dataset of Enriched Music Listening Events for Recommender Systems Research and Fairness Analysis. , 2022, , .		16
5	Recommender systems under European AI regulations. Communications of the ACM, 2022, 65, 69-73.	4.5	21
6	Music Recommendation Systems: Techniques, Use Cases, and Challenges. , 2022, , 927-971.		4
7	Multimedia Recommender Systems: Algorithms and Challenges. , 2022, , 973-1014.		10
8	Do Perceived Gender Biases in Retrieval Results Affect Relevance Judgements?. Communications in Computer and Information Science, 2022, , 104-116.	0.5	6
9	Explainability in music recommender systems. AI Magazine, 2022, 43, 190-208.	1.6	19
10	EmoMTB: Emotion-aware Music Tower Blocks. , 2022, , .		1
11	Retrieval and Recommendation Systems at the Crossroads of Artificial Intelligence, Ethics, and Regulation. , 2022, , .		1
12	Unlearning Protected User Attributes in Recommendations with Adversarial Training. , 2022, , .		10
13	Multiperspective and Multidisciplinary Treatment of Fairness in Recommender Systems Research. , 2022, , .		0
14	LEMONS: Listenable Explanations for Music recOmmeNder Systems. Lecture Notes in Computer Science, 2021, , 531-536.	1.3	3
15	Support the underground: characteristics of beyond-mainstream music listeners. EPJ Data Science, 2021, 10, 14.	2.8	24
16	Investigating gender fairness of recommendation algorithms in the music domain. Information Processing and Management, 2021, 58, 102666.	8.6	64
17	Analyzing Item Popularity Bias of Music Recommender Systems: Are Different Genders Equally Affected?. , 2021, , .		25
18	Predicting Music Relistening Behavior Using the ACT-R Framework. , 2021, , .		9

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19	Psychology-informed Recommender Systems. Foundations and Trends in Information Retrieval, 2021, 15, 134-242.	6.8	23
20	Recommender Systems Leveraging Multimedia Content. ACM Computing Surveys, 2021, 53, 1-38.	23.0	99
21	My friends also prefer diverse music. , 2021, , .		2
22	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
23	Listener Modeling and Context-Aware Music Recommendation Based on Country Archetypes. Frontiers in Artificial Intelligence, 2020, 3, 508725.	3.4	7
24	The Unfairness of Popularity Bias in Music Recommendation: A Reproducibility Study. Lecture Notes in Computer Science, 2020, , 35-42.	1.3	53
25	Personality Correlates of Music Audio Preferences for Modelling Music Listeners. , 2020, , .		14
26	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
27	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
28	Music Tower Blocks: Multi-Faceted Exploration Interface for Web-Scale Music Access. , 2020, , .		4
29	Intelligent User Interfaces for Music Discovery. Transactions of the International Society for Music Information Retrieval, 2020, 3, 165-179.	1.5	7
30	Personality Bias of Music Recommendation Algorithms. , 2020, , .		22
31	Predicting user demographics from music listening information. Multimedia Tools and Applications, 2019, 78, 2897-2920.	3.9	16
32	Genre Differences of Song Lyrics and Artist Wikis: An Analysis of Popularity, Length, Repetitiveness, and Readability. , 2019, , .		3
33	Movie Genome Recommender: A Novel Recommender System Based on Multimedia Content. , 2019, , .		11
34	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
35	Deep Learning in Music Recommendation Systems. Frontiers in Applied Mathematics and Statistics, 2019, 5, .	1.3	57
36	Global and country-specific mainstreamness measures: Definitions, analysis, and usage for improving personalized music recommendation systems. PLoS ONE, 2019, 14, e0217389.	2.5	26

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37	Personality and taxonomy preferences, and the influence of category choice on the user experience for music streaming services. <i>Multimedia Tools and Applications</i> , 2019, 78, 20157-20190.	3.9	13
38	Order, context and popularity bias in next-song recommendations. <i>International Journal of Multimedia Information Retrieval</i> , 2019, 8, 101-113.	5.2	13
39	Feature-combination hybrid recommender systems for automated music playlist continuation. <i>User Modeling and User-Adapted Interaction</i> , 2019, 29, 527-572.	3.8	39
40	Movie genome: alleviating new item cold start in movie recommendation. <i>User Modeling and User-Adapted Interaction</i> , 2019, 29, 291-343.	3.8	59
41	9. User awareness in music recommender systems. , 2019, , 223-252.		7
42	Retrieving Relevant and Diverse Movie Clips Using the MFVCD-7K Multifaceted Video Clip Dataset. , 2019, , .		4
43	Current challenges and visions in music recommender systems research. <i>International Journal of Multimedia Information Retrieval</i> , 2018, 7, 95-116.	5.2	193
44	On the Interrelation Between Listener Characteristics and the Perception of Emotions in Classical Orchestra Music. <i>IEEE Transactions on Affective Computing</i> , 2018, 9, 507-525.	8.3	19
45	The Effects of Real-world Events on Music Listening Behavior. , 2018, , .		3
46	Audio-visual encoding of multimedia content for enhancing movie recommendations. , 2018, , .		22
47	The relation of culture, socio-economics, and friendship to music preferences: A large-scale, cross-country study. <i>PLoS ONE</i> , 2018, 13, e0208186.	2.5	14
48	An Analysis of Global and Regional Mainstreamness for Personalized Music Recommender Systems. <i>Journal of Mobile Multimedia</i> , 2018, 14, 95-112.	0.9	7
49	Recsys challenge 2018. , 2018, , .		68
50	Multimedia recommender systems. , 2018, , .		9
51	A hybrid approach to music playlist continuation based on playlist-song membership. , 2018, , .		12
52	Culture-Aware Music Recommendation. , 2018, , .		8
53	MMTF-14K. , 2018, , .		18
54	Music Genre Classification Revisited: An In-Depth Examination Guided by Music Experts. <i>Lecture Notes in Computer Science</i> , 2018, , 49-62.	1.3	6

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55	Rethinking Summarization and Storytelling for Modern Social Multimedia. Lecture Notes in Computer Science, 2018, , 632-644.	1.3	5
56	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
57	Intelligent User Interfaces for Social Music Discovery and Exploration of Large-scale Music Repositories. , 2017, , .		5
58	Predicting Genre Preferences from Cultural and Socio-Economic Factors for Music Retrieval. Lecture Notes in Computer Science, 2017, , 561-567.	1.3	12
59	New Paths in Music Recommender Systems Research. , 2017, , .		24
60	The effect of different video summarization models on the quality of video recommendation based on low-level visual features. , 2017, , .		10
61	Prediction of User Demographics from Music Listening Habits. , 2017, , .		4
62	Music Playlist Continuation by Learning from Hand-Curated Examples and Song Features. , 2017, , .		12
63	Personality Traits and Music Genres. , 2017, , .		35
64	Introducing Surprise and Opposition by Design in Recommender Systems. , 2017, , .		1
65	Mining Culture-Specific Music Listening Behavior from Social Media Data. , 2017, , .		6
66	Indicators of Country Similarity in Terms of Music Taste, Cultural, and Socio-economic Factors. , 2017, , .		8
67	Large-Scale Analysis of Group-Specific Music Genre Taste from Collaborative Tags. , 2017, , .		12
68	Introducing Global and Regional Mainstreamness for Improving Personalized Music Recommendation. , 2017, , .		4
69	Distance- and Rank-based Music Mainstreamness Measurement. , 2017, , .		14
70	Exploring Music Diversity Needs Across Countries. , 2016, , .		17
71	A personality-based adaptive system for visualizing classical music performances. , 2016, , .		5
72	Music Similarity and Retrieval. The Kluwer International Series on Information Retrieval, 2016, , .	1.0	18

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73	Fusing Social Media Cues. , 2016, , .		78
74	Personality-Based User Modeling for Music Recommender Systems. Lecture Notes in Computer Science, 2016, , 254-257.	1.3	20
75	Music Tweet Map: A browsing interface to explore the microblogosphere of music. , 2016, , .		3
76	Personality Traits and the Relationship with (Non-) Disclosure Behavior on Facebook. , 2016, , .		14
77	Using Instagram Picture Features to Predict Usersâ€™ Personality. Lecture Notes in Computer Science, 2016, , 850-861.	1.3	36
78	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
79	The LFM-1b Dataset for Music Retrieval and Recommendation. , 2016, , .		100
80	Iron Maiden While Jogging, Debussy for Dinner?. Lecture Notes in Computer Science, 2015, , 380-391.	1.3	14
81	Timbral modeling for music artist recognition using i-vectors. , 2015, , .		9
82	Personality Traits Predict Music Taxonomy Preferences. , 2015, , .		42
83	Music Retrieval and Recommendation. , 2015, , .		10
84	Predicting Personality Traits with Instagram Pictures. , 2015, , .		53
85	Tailoring Music Recommendations to Users by Considering Diversity, Mainstreamness, and Novelty. , 2015, , .		30
86	Music Recommender Systems. , 2015, , 453-492.		49
87	On the Influence of User Characteristics on Music Recommendation Algorithms. Lecture Notes in Computer Science, 2015, , 339-345.	1.3	12
88	User geospatial context for music recommendation in microblogs. , 2014, , .		18
89	Mobile Music Genius. , 2014, , .		14
90	Benchmarking Violent Scenes Detection in movies. , 2014, , .		23

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91	Harvesting microblogs for contextual music similarity estimation: a co-occurrence-based framework. <i>Multimedia Systems</i> , 2014, 20, 693-705.	4.7	9
92	Music Information Retrieval: Recent Developments and Applications. <i>Foundations and Trends in Information Retrieval</i> , 2014, 8, 127-261.	6.8	134
93	Location-Aware Music Artist Recommendation. <i>Lecture Notes in Computer Science</i> , 2014, , 205-213.	1.3	30
94	Hybrid music information retrieval. <i>International Journal of Multimedia Information Retrieval</i> , 2013, 2, 1-2.	5.2	2
95	Minimal test collections for low-cost evaluation of Audio Music Similarity and Retrieval systems. <i>International Journal of Multimedia Information Retrieval</i> , 2013, 2, 59-70.	5.2	6
96	The neglected user in music information retrieval research. <i>Journal of Intelligent Information Systems</i> , 2013, 41, 523-539.	3.9	71
97	Evaluation in Music Information Retrieval. <i>Journal of Intelligent Information Systems</i> , 2013, 41, 345-369.	3.9	27
98	Multimedia information retrieval. , 2013, , .		4
99	Hybrid retrieval approaches to geospatial music recommendation. , 2013, , .		27
100	A professionally annotated and enriched multimodal data set on popular music. , 2013, , .		10
101	Location-aware music recommendation using auto-tagging and hybrid matching. , 2013, , .		64
102	Ameliorating Music Recommendation. , 2013, , .		15
103	Leveraging Microblogs for Spatiotemporal Music Information Retrieval. <i>Lecture Notes in Computer Science</i> , 2013, , 796-799.	1.3	21
104	Exploiting Social Media for Music Information Retrieval. <i>Computer Communications and Networks</i> , 2013, , 449-478.	0.8	1
105	Towards minimal test collections for evaluation of audio music similarity and retrieval. , 2012, , .		1
106	Mining microblogs to infer music artist similarity and cultural listening patterns. , 2012, , .		13
107	A model for serendipitous music retrieval. , 2012, , .		17
108	#nowplaying Madonna: a large-scale evaluation on estimating similarities between music artists and between movies from microblogs. <i>Information Retrieval</i> , 2012, 15, 183-217.	2.0	19

#	ARTICLE	IF	CITATIONS
109	A music information system automatically generated via Web content mining techniques. Information Processing and Management, 2011, 47, 426-439.	8.6	21
110	Exploring the music similarity space on the web. ACM Transactions on Information Systems, 2011, 29, 1-24.	4.9	19
111	Enlightening the sun. Multimedia Tools and Applications, 2010, 49, 101-118.	3.9	8
112	A music search engine built upon audio-based and web-based similarity measures. , 2007, , .		61
113	Building an Interactive Next-Generation Artist Recommender Based on Automatically Derived High-Level Concepts. , 2007, , .		6
114	Exploring Music Collections in Virtual Landscapes. IEEE MultiMedia, 2007, 14, 46-54.	1.7	32
115	Combining audio-based similarity with web-based data to accelerate automatic music playlist generation. , 2006, , .		38
116	An innovative three-dimensional user interface for exploring music collections enriched. , 2006, , .		52
117	Towards Automatic Retrieval of Album Covers. Lecture Notes in Computer Science, 2006, , 531-534.	1.3	8
118	Intelligent structuring and exploration of digital music collections. Elektrotechnik Und Informationstechnik, 2005, 122, 232-237.	1.1	4