

# Matija Marolt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2691461/publications.pdf>

Version: 2024-02-01

31  
papers

197  
citations

1307594

7  
h-index

1199594

12  
g-index

31  
all docs

31  
docs citations

31  
times ranked

185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Listeners' emotional engagement with performances of a Scriabin Étude: an explorative case study. <i>Psychology of Music</i> , 2006, 34, 481-510.	1.6	30
2	Automatic segmentation of mitochondria and endolysosomes in volumetric electron microscopy data. <i>Computers in Biology and Medicine</i> , 2020, 119, 103693.	7.0	27
3	Troubadour: A Gamified e-Learning Platform for Ear Training. <i>IEEE Access</i> , 2020, 8, 97090-97102.	4.2	14
4	The Moodo dataset: Integrating user context with emotional and color perception of music for affective music information retrieval. <i>Journal of New Music Research</i> , 2017, 46, 246-260.	0.8	13
5	Database Independent Automated Structure Elucidation of Organic Molecules Based on IR, <sup>1</sup> H NMR, <sup>13</sup> C NMR, and MS Data. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 756-763.	5.4	12
6	Collaborative view-aligned annotations in web-based 3D medical data visualization. , 2017, , .		11
7	Networks of Adaptive Oscillators for Partial Tracking and Transcription of Music Recordings. <i>Journal of New Music Research</i> , 2004, 33, 49-59.	0.8	10
8	Robust Real-Time Music Transcription with a Compositional Hierarchical Model. <i>PLoS ONE</i> , 2017, 12, e0169411.	2.5	9
9	Real-time interactive platform-agnostic volumetric path tracing in WebGL 2.0. , 2018, , .		8
10	Automatic Segmentation of Ethnomusicological Field Recordings. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 439.	2.5	8
11	Motivating Students for Ear-Training with a Rhythmic Dictation Application. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6781.	2.5	7
12	The EthnoMuse digital library: conceptual representation and annotation of ethnomusicological materials. <i>International Journal on Digital Libraries</i> , 2012, 12, 105-119.	1.5	6
13	A web-based virtual reality environment for medical visualization. , 2018, , .		6
14	An Analysis of Rhythmic Patterns with Unsupervised Learning. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 178.	2.5	6
15	Automatic Transcription of Bell Chiming Recordings. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012, 20, 844-853.	3.2	5
16	SymCHM – An Unsupervised Approach for Pattern Discovery in Symbolic Music with a Compositional Hierarchical Model. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 1135.	2.5	5
17	Aerial LiDAR Data Augmentation for Direct Point-Cloud Visualisation. <i>Sensors</i> , 2020, 20, 2089.	3.8	5
18	Automatic segmentation and reconstruction of intracellular compartments in volumetric electron microscopy data. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 223, 106959.	4.7	4

#	ARTICLE	IF	CITATIONS
19	Capturing the mood: Evaluation of the moodstripe and moodgraph interfaces. , 2014, , .		2
20	Transcription of Polyphonic Vocal Music with a Repetitive Melodic Structure. AES: Journal of the Audio Engineering Society, 2016, 64, 664-672.	1.0	2
21	Probabilistic Segmentation of Folk Music Recordings. Mathematical Problems in Engineering, 2016, 2016, 1-11.	1.1	2
22	Web-Based 3D Visualisation of Biological and Medical Data. Advances in Experimental Medicine and Biology, 2020, 1235, 1-18.	1.6	2
23	Distributed rendering of voxelized LiDAR data. Geodetski Vestnik, 2016, 60, 615-626.	0.4	1
24	Collaborative Web-Based Merged Volumetric and Mesh Rendering Framework. Lecture Notes in Computer Science, 2019, , 36-42.	1.3	1
25	Slovenian Validation of the Childrenâ€™s Perceived Use of Self-Regulated Learning Inventory. Frontiers in Psychology, 2021, 12, 730386.	2.1	1
26	A Comparison of Human and Computational Melody Prediction Through Familiarity and Expertise. Frontiers in Psychology, 2020, 11, 557398.	2.1	0
27	AFFECTIVE EXPERIENCE OF MUSIC: EMOTIONAL AND COLOR PERCEPTION OF FOLK AND OTHER MUSICAL GENRES&lt;br&gt;ÄŒUSTVENO IN BARVNO ZAZNAVANJE LJUDSKE GLASBE IN DRUGIH GLASBENIH ZVRSTI&lt;br&gt;. Traditiones, 2018, 47, 67.	1.0	0
28	Automatic Segmentation of the Golgi Apparatus in Volumetric Data with Approximate Labels. , 2021, , .		0
29	Hibridna difuzijska metoda za globalno osvetlitev volumetriÄnih podatkov. Uporabna Informatika, 2021, 29, .	0.0	0
30	What Can Off- and Online Measures Tell about Studentsâ€™ Self-Regulation and Their Achievement While Learning Science Expository Hypertext. Sustainability, 2022, 14, 5686.	3.2	0
31	Interaktivno platformno agnostiÄno sledenje Å¼arkov v realnem Äasu s spletnimi tehnologijami. Uporabna Informatika, 2019, 26, .	0.0	0