

# Fabien Gouyon

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/991092/publications.pdf>

Version: 2024-02-01

41  
papers

1,054  
citations

623734

14  
h-index

580821

25  
g-index

41  
all docs

41  
docs citations

41  
times ranked

658  
citing authors

#	ARTICLE	IF	CITATIONS
1	Music genre classification using LBP textural features. <i>Signal Processing</i> , 2012, 92, 2723-2737.	3.7	134
2	An experimental comparison of audio tempo induction algorithms. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2006, 14, 1832-1844.	3.2	120
3	Modeling the tendency for music to induce movement in humans: First correlations with low-level audio descriptors across music genres.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 1578-1594.	0.9	111
4	A Review of Automatic Rhythm Description Systems. <i>Computer Music Journal</i> , 2005, 29, 34-54.	0.1	88
5	Syncopation creates the sensation of groove in synthesized music examples. <i>Frontiers in Psychology</i> , 2014, 5, 1036.	2.1	65
6	The Effect of Microtiming Deviations on the Perception of Groove in Short Rhythms. <i>Music Perception</i> , 2013, 30, 497-510.	1.1	58
7	Selective Sampling for Beat Tracking Evaluation. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012, 20, 2539-2548.	3.2	44
8	Automatic Classification of Drum Sounds: A Comparison of Feature Selection Methods and Classification Techniques. <i>Lecture Notes in Computer Science</i> , 2002, , 69-80.	1.3	41
9	Natural language processing of lyrics. , 2005, , .		40
10	Combining usage and content in an online recommendation system for music in the Long Tail. <i>International Journal of Multimedia Information Retrieval</i> , 2013, 2, 3-13.	5.2	38
11	On the suitability of state-of-the-art music information retrieval methods for analyzing, categorizing and accessing non-Western and ethnic music collections. <i>Signal Processing</i> , 2010, 90, 1032-1048.	3.7	30
12	New Paths in Music Recommender Systems Research. , 2017, , .		24
13	Music Genre Recognition Using Gabor Filters and LPQ Texture Descriptors. <i>Lecture Notes in Computer Science</i> , 2013, , 67-74.	1.3	18
14	Sound and Music Computing: Research Trends and Some Key Issues. <i>Journal of New Music Research</i> , 2007, 36, 169-184.	0.8	17
15	Comparing textural features for music genre classification. , 2012, , .		17
16	Microtiming Patterns and Interactions with Musical Properties in Samba Music. <i>Journal of New Music Research</i> , 2011, 40, 225-238.	0.8	16
17	Selection of Training Instances for Music Genre Classification. , 2010, , .		14
18	Beat Tracking for Multiple Applications: A Multi-Agent System Architecture With State Recovery. <i>IEEE Transactions on Audio Speech and Language Processing</i> , 2012, 20, 2696-2706.	3.2	14

#	ARTICLE	IF	CITATIONS
19	Music genre recognition based on visual features with dynamic ensemble of classifiers selection. , 2013, , .		14
20	Pulse-dependent analyses of percussive music. , 2002, , .		13
21	Humanized Robot Dancing: Humanoid Motion Retargeting Based in a Metrical Representation of Human Dance Styles. Lecture Notes in Computer Science, 2011, , 392-406.	1.3	13
22	Short-term Feature Space and Music Genre Classification. Journal of New Music Research, 2011, 40, 127-137.	0.8	11
23	Combining usage and content in an online music recommendation system for music in the long-tail. , 2012, , .		11
24	An active audition framework for auditory-driven HRI: Application to interactive robot dancing. , 2012, , .		11
25	A BEAT INDUCTION METHOD FOR MUSICAL AUDIO SIGNALS. , 2003, , .		11
26	Acoustic Cues to Beat Induction: A Machine Learning Perspective. Music Perception, 2006, 24, 177-188.	1.1	9
27	Evaluating Low-Level Features for Beat Classification and Tracking. , 2007, , .		8
28	Beat Tracking for Interactive Dancing Robots. International Journal of Humanoid Robotics, 2015, 12, 1550023.	1.1	8
29	Live assessment of beat tracking for robot audition. , 2012, , .		7
30	On the automatic identification of difficult examples for beat tracking: Towards building new evaluation datasets. , 2012, , .		7
31	Inferring Semantic Facets of a Music Folksonomy with Wikipedia. Journal of New Music Research, 2013, 42, 346-363.	0.8	7
32	Towards Rhythmic Content Processing of Musical Signals: Fostering Complementary Approaches. Journal of New Music Research, 2003, 32, 41-64.	0.8	6
33	An open-source drum transcription system for Pure Data and Max MSP. , 2013, , .		6
34	Syncopation and Groove in Polyphonic Music. Music Perception, 2022, 39, 503-531.	1.1	6
35	Overcoming Motor-Rate Limitations in Online Synchronized Robot Dancing. International Journal of Computational Intelligence Systems, 2012, 5, 700.	2.7	4
36	MIRrors: Music Information Research reflects on its future. Journal of Intelligent Information Systems, 2013, 41, 339-343.	3.9	4

#	ARTICLE	IF	CITATIONS
37	A parameterizable spatiotemporal representation of popular dance styles for humanoid dancing characters. <i>Eurasip Journal on Audio, Speech, and Music Processing</i> , 2012, 2012, .	2.1	3
38	Modeling musical rhythmatscale with the music Genome project. , 2015, , .		3
39	Making a robot dance to diverse musical genre in noisy environments. , 2014, , .		2
40	Revisiting Inter-Genre Similarity. <i>IEEE Signal Processing Letters</i> , 2013, 20, 1050-1053.	3.6	1
41	MPEG-7 FOR CONTENT-BASED MUSIC PROCESSING. , 2003, , .		0