Fabien Gouyon

List of Publications by Year
in descending order

41	1,054	623734	580821
papers	citations	14	25
		h-index	g-index

41	41	41	658
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Syncopation and Groove in Polyphonic Music. Music Perception, 2022, 39, 503-531.	1.1	6
2	New Paths in Music Recommender Systems Research. , 2017, , .		24
3	Modeling musical rhythmatscale with the music Genome project. , 2015, , .		3
4	Beat Tracking for Interactive Dancing Robots. International Journal of Humanoid Robotics, 2015, 12, 1550023.	1.1	8
5	Syncopation creates the sensation of groove in synthesized music examples. Frontiers in Psychology, 2014, 5, 1036.	2.1	65
6	Making a robot dance to diverse musical genre in noisy environments. , 2014, , .		2
7	Combining usage and content in an online recommendation system for music in the Long Tail. International Journal of Multimedia Information Retrieval, 2013, 2, 3-13.	5.2	38
8	MIRrors: Music Information Research reflects on its future. Journal of Intelligent Information Systems, 2013, 41, 339-343.	3.9	4
9	Inferring Semantic Facets of a Music Folksonomy with Wikipedia. Journal of New Music Research, 2013, 42, 346-363.	0.8	7
10	An open-source drum transcription system for Pure Data and Max MSP. , 2013, , .		6
11	Revisiting Inter-Genre Similarity. IEEE Signal Processing Letters, 2013, 20, 1050-1053.	3.6	1
12	The Effect of Microtiming Deviations on the Perception of Groove in Short Rhythms. Music Perception, 2013, 30, 497-510.	1.1	58
13	Music genre recognition based on visual features with dynamic ensemble of classifiers selection. , 2013, , .		14
14	Music Genre Recognition Using Gabor Filters and LPQ Texture Descriptors. Lecture Notes in Computer Science, 2013, , 67-74.	1.3	18
15	Combining usage and content in an online music recommendation system for music in the long-tail. , 2012, , .		11
16	An active audition framework for auditory-driven HRI: Application to interactive robot dancing. , 2012, , .		11
17	Beat Tracking for Multiple Applications: A Multi-Agent System Architecture With State Recovery. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 2696-2706.	3.2	14
18	Live assessment of beat tracking for robot audition. , 2012, , .		7

#	Article	IF	Citations
19	Overcoming Motor-Rate Limitations in Online Synchronized Robot Dancing. International Journal of Computational Intelligence Systems, 2012, 5, 700.	2.7	4
20	Comparing textural features for music genre classification. , 2012, , .		17
21	Music genre classification using LBP textural features. Signal Processing, 2012, 92, 2723-2737.	3.7	134
22	Selective Sampling for Beat Tracking Evaluation. IEEE Transactions on Audio Speech and Language Processing, 2012, 20, 2539-2548.	3.2	44
23	On the automatic identification of difficult examples for beat tracking: Towards building new evaluation datasets. , 2012, , .		7
24	A parameterizable spatiotemporal representation of popular dance styles for humanoid dancing characters. Eurasip Journal on Audio, Speech, and Music Processing, 2012, 2012, .	2.1	3
25	Microtiming Patterns and Interactions with Musical Properties in Samba Music. Journal of New Music Research, 2011, 40, 225-238.	0.8	16
26	Short-term Feature Space and Music Genre Classification. Journal of New Music Research, 2011, 40, 127-137.	0.8	11
27	Modeling the tendency for music to induce movement in humans: First correlations with low-level audio descriptors across music genres.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 1578-1594.	0.9	111
28	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
29	On the suitability of state-of-the-art music information retrieval methods for analyzing, categorizing and accessing non-Western and ethnic music collections. Signal Processing, 2010, 90, 1032-1048.	3.7	30
30	Selection of Training Instances for Music Genre Classification. , 2010, , .		14
31	Sound and Music Computing: Research Trends and Some Key Issues. Journal of New Music Research, 2007, 36, 169-184.	0.8	17
32	Evaluating Low-Level Features for Beat Classification and Tracking. , 2007, , .		8
33	Acoustic Cues to Beat Induction: A Machine Learning Perspective. Music Perception, 2006, 24, 177-188.	1.1	9
34	An experimental comparison of audio tempo induction algorithms. IEEE Transactions on Audio Speech and Language Processing, 2006, 14, 1832-1844.	3.2	120
35	Natural language processing of lyrics. , 2005, , .		40
36	A Review of Automatic Rhythm Description Systems. Computer Music Journal, 2005, 29, 34-54.	0.1	88

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37	Towards Rhythmic Content Processing of Musical Signals: Fostering Complementary Approaches. Journal of New Music Research, 2003, 32, 41-64.	0.8	6
38	MPEG-7 FOR CONTENT-BASED MUSIC PROCESSING. , 2003, , .		0
39	A BEAT INDUCTION METHOD FOR MUSICAL AUDIO SIGNALS. , 2003, , .		11
40	Pulse-dependent analyses of percussive music. , 2002, , .		13
41	Automatic Classification of Drum Sounds: A Comparison of Feature Selection Methods and Classification Techniques. Lecture Notes in Computer Science, 2002, , 69-80.	1.3	41