

# Tijl De Bie

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3685019/publications.pdf>

Version: 2024-02-01

47  
papers

1,265  
citations

623734

14  
h-index

395702

33  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1777  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Evolution of Mammalian Gene Families. PLoS ONE, 2006, 1, e85.	2.5	285
2	Estimating the tempo and mode of gene family evolution from comparative genomic data. Genome Research, 2005, 15, 1153-1160.	5.5	259
3	Maximum entropy models and subjective interestingness: an application to tiles in binary databases. Data Mining and Knowledge Discovery, 2011, 23, 407-446.	3.7	96
4	Inferring transcriptional modules from ChIP-chip, motif and microarray data. Genome Biology, 2006, 7, R37.	9.6	89
5	RESEARCH METHODS IN THE AGE OF DIGITAL JOURNALISM. Digital Journalism, 2013, 1, 102-116.	4.2	63
6	DISTILLER: a data integration framework to reveal condition dependency of complex regulons in Escherichia coli. Genome Biology, 2009, 10, R27.	9.6	52
7	An information theoretic framework for data mining. , 2011, , .		52
8	Automatic Chord Estimation from Audio: A Review of the State of the Art. IEEE/ACM Transactions on Audio Speech and Language Processing, 2014, 22, 556-575.	5.8	47
9	Interesting pattern mining in multi-relational data. Data Mining and Knowledge Discovery, 2014, 28, 808-849.	3.7	33
10	Subjective Interestingness in Exploratory Data Mining. Lecture Notes in Computer Science, 2013, , 19-31.	1.3	28
11	Understanding Effects of Subjectivity in Measuring Chord Estimation Accuracy. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2607-2615.	3.2	25
12	The Structure of the EU Mediasphere. PLoS ONE, 2010, 5, e14243.	2.5	23
13	Subjective interestingness of subgraph patterns. Machine Learning, 2016, 105, 41-75.	5.4	22
14	Design and validation of an auditory biofeedback system for modification of running parameters. Journal on Multimodal User Interfaces, 2019, 13, 167-180.	2.9	17
15	Conditional t-SNE: more informative t-SNE embeddings. Machine Learning, 2021, 110, 2905-2940.	5.4	15
16	A framework for mining interesting pattern sets. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2011, 12, 92-100.	4.0	13
17	Benchmarking Network Embedding Models for Link Prediction: Are We Making Progress?. , 2020, , .		10
18	Subjectively interesting connecting trees and forests. Data Mining and Knowledge Discovery, 2019, 33, 1088-1124.	3.7	9

#	ARTICLE	IF	CITATIONS
19	Interactive Visual Data Exploration with Subjective Feedback. Lecture Notes in Computer Science, 2016, , 214-229.	1.3	7
20	Subjectively Interesting Component Analysis. , 2016, , .		7
21	SuMoTED: An intuitive edit distance between rooted unordered uniquely-labelled trees. Pattern Recognition Letters, 2016, 79, 52-59.	4.2	7
22	A biofeedback music-sonification system for gait retraining. , 2018, , .		7
23	Opinion dynamics with backfire effect and biased assimilation. PLoS ONE, 2021, 16, e0256922.	2.5	7
24	CSNE: Conditional Signed Network Embedding. , 2020, , .		7
25	Subjectively interesting alternative clusterings. Machine Learning, 2015, 98, 31-56.	5.4	6
26	P-N-RMiner: a generic framework for mining interesting structured relational patterns. International Journal of Data Science and Analytics, 2016, 1, 61-76.	4.1	6
27	Using Online Chord Databases to Enhance Chord Recognition. Journal of New Music Research, 2011, 40, 139-152.	0.8	5
28	Subjectively Interesting Subgroup Discovery on Real-Valued Targets. , 2018, , .		5
29	SIAS-miner: mining subjectively interesting attributed subgraphs. Data Mining and Knowledge Discovery, 2020, 34, 355-393.	3.7	5
30	Relaxing the strong triadic closure problem for edge strength inference. Data Mining and Knowledge Discovery, 2020, 34, 611-651.	3.7	5
31	The Conditionâ€Dependent Transcriptional Network in <i>Escherichia coli</i> . Annals of the New York Academy of Sciences, 2009, 1158, 29-35.	3.8	4
32	SICA: subjectively interesting component analysis. Data Mining and Knowledge Discovery, 2018, 32, 949-987.	3.7	4
33	Interactive Visual Data Exploration with Subjective Feedback: An Information-Theoretic Approach. , 2018, , .		4
34	Interactive visual data exploration with subjective feedback: an information-theoretic approach. Data Mining and Knowledge Discovery, 2020, 34, 21-49.	3.7	4
35	ALPINE: Active Link Prediction Using Network Embedding. Applied Sciences (Switzerland), 2021, 11, 5043.	2.5	4
36	Sigmoidal NMFD: Convolutional NMF with Saturating Activations for Drum Mixture Decomposition. Electronics (Switzerland), 2021, 10, 284.	3.1	4

#	ARTICLE	IF	CITATIONS
37	The KL-Divergence Between a Graph Model and its Fair I-Projection as a Fairness Regularizer. Lecture Notes in Computer Science, 2021, , 351-366.	1.3	4
38	Discovering Interesting Cycles in Directed Graphs. , 2019, , .		4
39	A Tool for Subjective and Interactive Visual Data Exploration. Lecture Notes in Computer Science, 2016, , 3-7.	1.3	3
40	FONDUE: A Framework for Node Disambiguation and Deduplication Using Network Embeddings. Applied Sciences (Switzerland), 2021, 11, 9884.	2.5	3
41	SIMIT: Subjectively Interesting Motifs in Time Series. Entropy, 2019, 21, 566.	2.2	2
42	Mining explainable local and global subgraph patterns with surprising densities. Data Mining and Knowledge Discovery, 2021, 35, 321-371.	3.7	2
43	Stable topological signatures for metric trees through graph approximations. Pattern Recognition Letters, 2021, 147, 85-92.	4.2	2
44	EvalNE: A framework for network embedding evaluation. SoftwareX, 2022, 17, 100997.	2.6	2
45	Block-Approximated Exponential Random Graphs. , 2020, , .		1
46	An Empirical Evaluation of Network Representation Learning Methods. Big Data, 2022, , .	3.4	1
47	Evaluating Representation Learning and Graph Layout Methods for Visualization. IEEE Computer Graphics and Applications, 2022, 42, 19-28.	1.2	0