Thomas Seidl

List of Publications by Year
in descending order

247 papers	4,260 citations	411340 20 h-index	299063 42 g-index
265 all docs	265 docs citations	265 times ranked	2850 citing authors

#	Article	IF	Citations
1	Performance Skyline: Inferring Process Performance Models from Interval Events. Lecture Notes in Business Information Processing, 2021, , 230-242.	0.8	0
2	Diversity Aware Relevance Learning for Argument Search. Lecture Notes in Computer Science, 2021, , 264-271.	1.0	0
3	OTOSO: Online Trace Ordering forÂStructural Overviews. Lecture Notes in Business Information Processing, 2021, , 218-229.	0.8	3
4	Concept Drift Detection on Streaming Data with Dynamic Outlier Aggregation. Lecture Notes in Business Information Processing, 2021, , 206-217.	0.8	3
5	Compound Segmentation via Clustering on Mol2Vec-based Embeddings. , 2021, , .		0
6	Implicit Hough Transform Neural Networks for Subspace Clustering. , 2021, , .		0
7	LUCKe â€" Connecting Clustering and Correlation Clustering. , 2021, , .		0
8	â€œShow Me the Crowds!â€•Revealing Cluster Structures Through AMTICS. Data Science and Engineering, 2020, 5, 360-374.	4.6	1
9	Relational and Fine-Grained Argument Mining. Datenbank-Spektrum, 2020, 20, 99-105.	1.2	6
10	Knowledge Graph Entity Alignment with Graph Convolutional Networks: Lessons Learned. Lecture Notes in Computer Science, 2020, , 3-11.	1.0	8
11	Efficient Infrequent Pattern Mining Using Negative Itemset Tree. Studies in Computational Intelligence, 2020, , 1-16.	0.7	4
12	TADE: Stochastic Conformance Checking Using Temporal Activity Density Estimation. Lecture Notes in Computer Science, 2020, , 220-236.	1.0	0
13	Orderings of Data - More Than a Tripping Hazard. , 2020, , .		0
14	I fold you so! An internal evaluation measure for arbitrary oriented subspace clustering. , 2020, , .		2
15	Detecting Global Periodic Correlated Clusters in Event Series based on Parameter Space Transform. , 2019, , .		0
16	On systematic hyperparameter analysis through the example of subspace clustering. , 2019, , .		0
17	Graph Ordering and Clustering. , 2019, , .		1
18	LUCK- Linear Correlation Clustering Using Cluster Algorithms and a kNN based Distance Function. , 2019, , .		2

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19	Detecting global hyperparaboloid correlated clusters: a Hough-transform based multicore algorithm. Distributed and Parallel Databases, 2019, 37, 39-72.	1.0	1
20	Looking into the TESSERACT: Time-drifts in event streams using series of evolving rolling averages of completion times. Information Systems, 2019, 84, 265-282.	2.4	8
21	BFSPMiner: an effective and efficient batch-free algorithm for mining sequential patterns over data streams. International Journal of Data Science and Analytics, 2019, 8, 223-239.	2.4	12
22	Model-Aware Clustering of Non-conforming Traces. Lecture Notes in Computer Science, 2019, , 193-200.	1.0	1
23	TACAM: Topic And Context Aware Argument Mining. , 2019, , .		8
24	On coMADs and Principal Component Analysis. Lecture Notes in Computer Science, 2019, , 273-280.	1.0	2
25	LIProMa: Label-Independent Process Matching. Lecture Notes in Business Information Processing, 2019, , 186-198.	0.8	1
26	Data on RAILs: On Interactive Generation of Artificial Linear Correlated Data. Communications in Computer and Information Science, 2019, , 184-189.	0.4	0
27	SIDEKICK: Linear Correlation Clustering with Supervised Background Knowledge. Lecture Notes in Computer Science, 2019, , 221-230.	1.0	1
28	LSCMiner: Efficient Low Support Closed Itemsets Mining. Lecture Notes in Computer Science, 2019, , 293-309.	1.0	0
29	MORe++: k-Means Based Outlier Removal on High-Dimensional Data. Lecture Notes in Computer Science, 2019, , 188-202.	1.0	2
30	Human Learning in Data Science. Communications in Computer and Information Science, 2019, , 170-176.	0.4	0
31	Data Science: a proposal for a curriculum. International Journal of Data Science and Analytics, 2018, 6, 195-199.	2.4	6
32	Towards Efficient Closed Infrequent Itemset Mining Using Bi-Directional Traversing. , 2018, , .		3
33	FATBIRD: A Tool for Flight and Trajectories Analyses of Birds. , 2018, , .		1
34	Efficient Infrequent Itemset Mining Using Depth-First and Top-Down Lattice Traversal. Lecture Notes in Computer Science, 2018, , 908-915.	1.0	4
35	D-MASC: A Novel Search Strategy forÂDetecting Regions of Interest inÂLinear Parameter Space. Lecture Notes in Computer Science, 2018, , 163-176.	1.0	1
36	MiMAG: mining coherent subgraphs in multi-layer graphs with edge labels. Knowledge and Information Systems, 2017, 50, 417-446.	2.1	13

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37	Fast Similarity Search with the Earth Mover's Distance via Feasible Initialization and Pruning. Lecture Notes in Computer Science, 2017, , 141-155.	1.0	0
38	Incremental Temporal Pattern Mining Using Efficient Batch-Free Stream Clustering. , 2017, , .		6
39	Using internal evaluation measures to validate the quality of diverse stream clustering algorithms. Vietnam Journal of Computer Science, 2017, 4, 171-183.	1.0	68
40	Detecting Global Hyperparaboloid Correlated Clusters Based on Hough Transform. , 2017, , .		5
41	TESSERACT: Time-Drifts in Event Streams Using Series of Evolving Rolling Averages of Completion Times. Lecture Notes in Computer Science, 2017, , 289-305.	1.0	8
42	Understanding the bigger picture. , 2017, , .		4
43	Clustering Big Data streams: recent challenges and contributions. IT - Information Technology, 2016, 58, 206-213.	0.6	5
44	Normalized Semantic Web Distance. Lecture Notes in Computer Science, 2016, , 69-84.	1.0	1
45	I-HASTREAM: Density-Based Hierarchical Clustering of Big Data Streams and Its Application to Big Graph Analytics Tools. , 2016, , .		6
46	Efficient Query Processing in 3D Motion Capture Gesture Databases. International Journal of Semantic Computing, 2016, 10, 5-25.	0.4	10
47	A geometric approach for mining sequential patterns in interval-based data streams. , 2016, , .		8
48	Infusing Geo-Recency Mixture Models for Effective Location Prediction in LBSN. , 2016, , .		3
49	Content-based retrieval in videos from laparoscopic surgery. , 2016, , .		8
50	A Distance-Based Approach for Semantic Dissimilarity in Knowledge Graphs. , 2016, , .		4
51	Approximation-Based Efficient Query Processing with the Earth Mover's Distance. Lecture Notes in Computer Science, 2016, , 165-180.	1.0	1
52	Effect of Heuristics on Serendipity in Path-Based Storytelling with Linked Data. Lecture Notes in Computer Science, 2016, , 238-251.	1.0	1
53	Effective Content-Based Near-Duplicate Video Detection. , 2015, , .		3
54	Endoscopic Video Retrieval: A Signature-Based Approach for Linking Endoscopic Images with Video Segments. , 2015, , .		17

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55	Efficient Distance-Based Gestural Pattern Mining in Spatiotemporal 3D Motion Capture Databases. , 2015, , .		1
56	Large-scale Efficient and Effective Video Similarity Search. , 2015, , .		3
57	Earth Mover's Distance vs. Quadratic form Distance: An Analytical and Empirical Comparison. , 2015, , .		2
58	Efficient Query Processing in 3D Motion Capture Databases via Lower Bound Approximation of the Gesture Matching Distance. , 2015, , .		5
59	Efficient similarity search in scientific databases with feature signatures. , 2015, , .		12
60	Gradient-based signatures for big multimedia data. , 2015, , .		1
61	Internal Clustering Evaluation of Data Streams. Lecture Notes in Computer Science, 2015, , 198-209.	1.0	3
62	Efficient Process Discovery From Event Streams Using Sequential Pattern Mining. , 2015, , .		39
63	Parallel Density-Based Stream Clustering Using a Multi-user GPU Scheduler. Communications in Computer and Information Science, 2015, , 343-360.	0.4	0
64	UrbanHubble: Location Prediction and Geo-Social Analytics in LBSN. Lecture Notes in Computer Science, 2015, , 329-332.	1.0	0
65	Subspace Nearest Neighbor Search - Problem Statement, Approaches, and Discussion. Lecture Notes in Computer Science, 2015, , 307-313.	1.0	5
66	On efficient content-based near-duplicate video detection. , 2015, , .		6
67	Gradient-based Signatures for Efficient Similarity Search in Large-scale Multimedia Databases. , 2015, , .		2
68	Subspace clustering of data streams: new algorithms and effective evaluation measures. Journal of Intelligent Information Systems, 2015, 45, 319-335.	2.8	13
69	MultiClust special issue on discovering, summarizing and using multiple clusterings. Machine Learning, 2015, 98, 1-5.	3.4	13
70	Monitoring of Cracks in Historic Concrete Structures Using Optical, Thermal and Acoustical Methods. Research for Development, 2015, , 93-102.	0.2	2
71	Spatiotemporal Similarity Search in 3D Motion Capture Gesture Streams. Lecture Notes in Computer Science, 2015, , 355-372.	1.0	11
72	Improving Semantic Relatedness in Paths for Storytelling with Linked Data on the Web. Lecture Notes in Computer Science, 2015, , 31-35.	1.0	3

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73	Density-Based Subspace Clustering in Heterogeneous Networks. Lecture Notes in Computer Science, 2014, , 149-164.	1.0	9
74	Near-Optimal Activity Prediction through Efficient Wavelet Modulus Maxima Partitioning and Conditional Random Fields. , 2014, , .		0
75	Effective Map Matching Using Curve Tangents and Hidden Markov Model. , 2014, , .		2
76	On Efficient Query Processing with the Earth Mover's Distance. , 2014, , .		5
77	Efficient Filter Approximation Using the Earth Mover's Distance in Very Large Multimedia Databases with Feature Signatures. , 2014, , .		15
78	Towards Named-Entity-based Similarity Measures. , 2014, , .		8
79	Activity recognition from sensors using dyadic wavelets and Hidden Markov Model. , 2014, , .		5
80	SMVC. , 2014, , .		12
81	(k, d)-core anonymity. , 2014, , .		9
82	Prediction of freezing of gait from Parkinson's Disease movement time series using conditional random fields. , 2014, , .		9
83	Context-based location clustering and prediction using conditional random fields. , 2014, , .		7
84	Check-in Location Prediction Using Wavelets and Conditional Random Fields. , 2014, , .		13
85	On stability of signature-based similarity measures for content-based image retrieval. Multimedia Tools and Applications, 2014, 71, 349-362.	2.6	21
86	GAMer: a synthesis of subspace clustering and dense subgraph mining. Knowledge and Information Systems, 2014, 40, 243-278.	2.1	18
87	PHiDJ: Parallel similarity self-join for high-dimensional vector data with MapReduce. , 2014, , .		25
88	Subspace anytime stream clustering. , 2014, , .		14
89	Adaptive Multiple-Resolution Stream Clustering. Lecture Notes in Computer Science, 2014, , 134-148.	1.0	15
90	The Normalized Freebase Distance. Lecture Notes in Computer Science, 2014, , 218-221.	1.0	5

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91	Efficient Streaming Detection of Hidden Clusters in Big Data Using Subspace Stream Clustering. Lecture Notes in Computer Science, 2014, , 146-160.	1.0	0
92	Inverse predictions on continuous models in scientific databases. , 2014, , .		0
93	Content-based exploration of multimedia databases. , 2013, , .		8
94	Support Vector Machine Classification Based on Correlation Prototypes Applied to Bone Age Assessment. IEEE Journal of Biomedical and Health Informatics, 2013, 17, 190-197.	3.9	48
95	Effective Evaluation Measures for Subspace Clustering of Data Streams. Lecture Notes in Computer Science, 2013, , 342-353.	1.0	1
96	Signature matching distance for content-based image retrieval. , 2013, , .		27
97	BodyGuards: A Clairvoyant Location Predictor Using Frequent Neighbors and Markov Model. , 2013, , .		4
98	Private Map Matching: Realistic Private Route Cognition on Road Networks. , 2013, , .		2
99	Spectral Subspace Clustering for Graphs with Feature Vectors. , 2013, , .		30
100	A Model for Context-Aware Location Identity Preservation Using Differential Privacy. , 2013, , .		1
101	Adaptive Model Tree for Streaming Data. , 2013, , .		1
102	Bone age assessment using support vector regression with smart class mapping. , 2013, , .		3
103	RMiCS. , 2013, , .		5
104	Detecting and exploring clusters in attributed graphs. , 2013, , .		4
105	An Evaluation Framework for Temporal Subspace Clustering Approaches. , 2013, , .		0
106	Nesting the earth mover's distance for effective cluster tracing. , 2013, , .		1
107	Subspace MOA: Subspace Stream Clustering Evaluation Using the MOA Framework. Lecture Notes in Computer Science, 2013, , 446-449.	1.0	6
108	Using a Multitasking GPU Environment for Content-Based Similarity Measures of Big Data. Lecture Notes in Computer Science, 2013, , 181-196.	1.0	4

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109	A tool for automated evaluation of algorithms. , 2012, , .		0
110	Subspace correlation clustering. , 2012, , .		12
111	TMC-pattern. , 2012, , .		3
112	Mining coherent subgraphs in multi-layer graphs with edge labels. , 2012, , .		85
113	Employing the Principal Hessian Direction for Building Hinging Hyperplane Models. , 2012, , .		2
114	Discovering Multiple Clustering Solutions: Grouping Objects in Different Views of the Data. , 2012, , .		37
115	Multi-view clustering using mixture models in subspace projections. , 2012, , .		18
116	Effective and Robust Mining of Temporal Subspace Clusters. , 2012, , .		2
117	Subspace search and visualization to make sense of alternative clusterings in high-dimensional data. , 2012, , .		58
118	Tracing clusters in evolving graphs with node attributes. , 2012, , .		5
119	A Subspace Clustering Extension for the KNIME Data Mining Framework. , 2012, , .		1
120	Stream Data Mining Using the MOA Framework. Lecture Notes in Computer Science, 2012, , 309-313.	1.0	9
121	Density-Based Projected Clustering of Data Streams. Lecture Notes in Computer Science, 2012, , 311-324.	1.0	35
122	Differential private trajectory protection of moving objects. , 2012, , .		9
123	The ClasSi coefficient for the evaluation of ranking quality in the presence of class similarities. Frontiers of Computer Science, 2012, 6, 568.	1.6	0
124	Finding density-based subspace clusters in graphs with feature vectors. Data Mining and Knowledge Discovery, 2012, 25, 243-269.	2.4	20
125	An Index-Inspired Algorithm for Anytime Classification on Evolving Data Streams. Datenbank-Spektrum, 2012, 12, 43-50.	1.2	0
126	Tracing Evolving Subspace Clusters in Temporal Climate Data. Data Mining and Knowledge Discovery, 2012, 24, 387-410.	2.4	15

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127	ClasSi: Measuring Ranking Quality in the Presence of Object Classes with Similarity Information. Lecture Notes in Computer Science, 2012, , 185-196.	1.0	2
128	AnyOut: Anytime Outlier Detection on Streaming Data. Lecture Notes in Computer Science, 2012, , 228-242.	1.0	50
129	CC-MRâ€" Finding Connected Components in Huge Graphs with MapReduce. Lecture Notes in Computer Science, 2012, , 458-473.	1.0	19
130	Substructure Clustering: A Novel Mining Paradigm for Arbitrary Data Types. Lecture Notes in Computer Science, 2012, , 280-297.	1.0	1
131	BT* â€" An Advanced Algorithm for Anytime Classification. Lecture Notes in Computer Science, 2012, , 298-315.	1.0	4
132	Mining of Temporal Coherent Subspace Clusters in Multivariate Time Series Databases. Lecture Notes in Computer Science, 2012, , 444-455.	1.0	4
133	Resource-Aware Distributed Clustering of Drifting Sensor Data Streams. Communications in Computer and Information Science, 2012, , 592-607.	0.4	0
134	Hinging Hyperplane Models for Multiple Predicted Variables. Lecture Notes in Computer Science, 2012, , 431-448.	1.0	1
135	PA-Miner: Process Analysis Using Retrieval, Modeling, and Prediction. Lecture Notes in Computer Science, 2012, , 319-322.	1.0	0
136	Scalable density-based subspace clustering. , 2011, , .		21
137	Flexible Fault Tolerant Subspace Clustering for Data with Missing Values. , 2011, , .		16
138	Indexing the signature quadratic form distance for efficient content-based multimedia retrieval. , 2011, , .		22
139	Analyzing the inner workings of the Signature Quadratic Form Distance. , 2011, , .		2
140	Modeling multimedia contents through probabilistic feature signatures. , 2011, , .		4
141	Special section on spatial and temporal databases. GeoInformatica, 2011, 15, 663-664.	2.0	0
142	The ClusTree: indexing micro-clusters for anytime stream mining. Knowledge and Information Systems, 2011, 29, 249-272.	2.1	209
143	Employing correlation clustering for the identification of piecewise affine models. , 2011, , .		2
144	Applying similarity search for the investigation of the fuel injection process. , 2011, , .		7

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145	Processing the signature quadratic form distance on many-core GPU architectures. , 2011, , .		8
146	Subspace clustering for indexing high dimensional data. , 2011, , .		13
147	Precise anytime clustering of noisy sensor data with logarithmic complexity. , 2011, , .		13
148	An extension of the PMML standard to subspace clustering models. , 2011, , .		1
149	Preserving privacy of moving objects via temporal clustering of spatio-temporal data streams. , 2011, , .		4
150	Modeling image similarity by Gaussian mixture models and the Signature Quadratic Form Distance. , 2011, , .		27
151	An effective evaluation measure for clustering on evolving data streams. , 2011, , .		68
152	Towards a Mobile Health Context Prediction: Sequential Pattern Mining in Multiple Streams. , 2011, , .		19
153	A hybrid control approach for low temperature combustion engine control. , 2011, , .		7
154	DB-CSC: A Density-Based Approach for Subspace Clustering in Graphs with Feature Vectors. Lecture Notes in Computer Science, 2011, , 565-580.	1.0	39
155	Statistical selection of relevant subspace projections for outlier ranking. , 2011, , .		80
156	Content-Based Multimedia Retrieval in the Presence of Unknown User Preferences. Lecture Notes in Computer Science, 2011, , 140-150.	1.0	7
157	Parameterized earth mover's distance for efficient metric space indexing. , 2011, , .		0
158	External evaluation measures for subspace clustering. , 2011, , .		34
159	Binary Search. , 2011, , 5-11.		2
160	L2-Signature Quadratic Form Distance for Efficient Query Processing in Very Large Multimedia Databases. Lecture Notes in Computer Science, 2011, , 381-391.	1.0	3
161	Hierarchical Clustering for Real-Time Stream Data with Noise. Lecture Notes in Computer Science, 2011, , 405-413.	1.0	1
162	Efficient Processing of Multiple DTW Queries in Time Series Databases. Lecture Notes in Computer Science, 2011, , 150-167.	1.0	6

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163	Tracing Evolving Clusters by Subspace and Value Similarity. Lecture Notes in Computer Science, 2011, , 444-456.	1.0	7
164	Relevance Feedback for the Earth Mover's Distance. Lecture Notes in Computer Science, 2011, , 72-86.	1.0	0
165	Subspace Clustering for Uncertain Data. , 2010, , .		19
166	Visual speaker model exploration. , 2010, , .		0
167	Improving the Efficiency of Content-Based Multimedia Exploration. , 2010, , .		1
168	Index support for content-based multimedia exploration. , 2010, , .		4
169	Signature Quadratic Form Distance. , 2010, , .		85
170	Similarity matrix compression for efficient signature quadratic form distance computation. , 2010, , .		6
171	Adaptive outlierness for subspace outlier ranking. , 2010, , .		22
172	A comparative study of similarity measures for content-based multimedia retrieval. , 2010, , .		59
173	Clustering Performance on Evolving Data Streams: Assessing Algorithms and Evaluation Measures within MOA. , 2010, , .		16
174	MCExplorer: Interactive Exploration of Multiple (Subspace) Clustering Solutions. , 2010, , .		2
175	Discovering Multiple Clustering Solutions: Grouping Objects in Different Views of the Data. , 2010, , .		19
176	Detecting Climate Change in Multivariate Time Series Data by Novel Clustering and Cluster Tracing Techniques. , 2010, , .		11
177	Efficient k-nearest neighbor queries with the Signature Quadratic Form Distance. , 2010, , .		7
178	Subspace Clustering Meets Dense Subgraph Mining: A Synthesis of Two Paradigms. , 2010, , .		77
179	Air-Indexing on Error Prone Communication Channels. Lecture Notes in Computer Science, 2010, , 505-519.	1.0	4
180	Subgraph Mining on Directed and Weighted Graphs. Lecture Notes in Computer Science, 2010, , 133-146.	1.0	9

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181	Bulk Loading Hierarchical Mixture Models for Efficient Stream Classification. Lecture Notes in Computer Science, 2010, , 325-334.	1.0	3
182	MC-Tree: Improving Bayesian Anytime Classification. Lecture Notes in Computer Science, 2010, , 252-269.	1.0	9
183	Pattern detector. , 2010, , .		2
184	Detecting outliers on arbitrary data streams using anytime approaches. , 2010, , .		6
185	Speeding Up Complex Video Copy Detection Queries. Lecture Notes in Computer Science, 2010, , 307-321.	1.0	2
186	Anticipatory DTW for efficient similarity search in time series databases. Proceedings of the VLDB Endowment, 2009, 2, 826-837.	2.1	50
187	Signature quadratic form distances for content-based similarity. , 2009, , .		37
188	Detection of orthogonal concepts in subspaces of high dimensional data. , 2009, , .		27
189	Type-based categorization of relational attributes. , 2009, , .		10
190	Indexing density models for incremental learning and anytime classification on data streams. , 2009, , .		32
191	Exploring multimedia databases via optimization-based relevance feedback and the earth mover's distance. , 2009, , .		2
192	Harnessing the strengths of anytime algorithms for constant data streams. Data Mining and Knowledge Discovery, 2009, 19, 245-260.	2.4	19
193	Self-Adaptive Anytime Stream Clustering. , 2009, , .		46
194	Evaluating clustering in subspace projections of high dimensional data. Proceedings of the VLDB Endowment, 2009, 2, 1270-1281.	2.1	178
195	Relevant Subspace Clustering: Mining the Most Interesting Non-redundant Concepts in High Dimensional Data. , 2009, , .		54
196	EDISKCO. , 2009, , .		14
197	DensEst: Density Estimation for Data Mining in High Dimensional Spaces. , 2009, , .		24
198	HSM: Heterogeneous Subspace Mining in High Dimensional Data. Lecture Notes in Computer Science, 2009, , 497-516.	1.0	8

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199	Clustering multidimensional sequences in spatial and temporal databases. Knowledge and Information Systems, 2008, 16, 29-51.	2.1	15
200	Extended Query Refinement for Medical Image Retrieval. Journal of Digital Imaging, 2008, 21, 280-289.	1.6	42
201	Public microarray repository semantic annotation with ontologies employing text mining and expression profile correlation. BMC Bioinformatics, 2008, 9, .	1.2	2
202	Pleiades: Subspace Clustering and Evaluation. Lecture Notes in Computer Science, 2008, , 666-671.	1.0	2
203	Efficient similarity search using the Earth Mover's Distance for large multimedia databases. , 2008, , .		26
204	EDSC. , 2008, , .		20
205	OutRank: ranking outliers in high dimensional data. , 2008, , .		47
206	INSCY: Indexing Subspace Clusters with In-Process-Removal of Redundancy. , 2008, , .		58
207	Mobile Mining and Information Management in HealthNet Scenarios. , 2008, , .		4
208	Morpheus. , 2008, , .		25
209	Ranking multimedia databases via relevance feedback with history and foresight support. , 2008, , .		1
210	The TS-tree. , 2008, , .		53
211	Efficient EMD-based similarity search in multimedia databases via flexible dimensionality reduction. , 2008, , .		39
212	IndeGS RI : Efficient View-Dependent Ranking in CFD Post- processing Queries with RDBMS. Lecture Notes in Computer Science, 2008, , 598-604.	1.0	0
213	AttentionAttractor: efficient video stream similarity query processing in real time. , 2007, , .		0
214	VISA. SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining, 2007, 9, 5-12.	3.2	44
215	DUSC: Dimensionality Unbiased Subspace Clustering. , 2007, , .		87
216	Clicks: An effective algorithm for mining subspace clusters in categorical datasets. Data and Knowledge Engineering, 2007, 60, 51-70.	2.1	55

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217	Efficient Index Support for View-Dependent Queries on CFD Data. Lecture Notes in Computer Science, 2007, , 57-74.	1.0	2
218	Spatial Multidimensional Sequence Clustering. , 2006, , .		3
219	A classification framework for content-based extraction of biomedical objects from hierarchically decomposed images. , 2006, 6144, 559.		4
220	Approximation Techniques to Enable Dimensionality Reduction for Voronoi-Based Nearest Neighbor Search. Lecture Notes in Computer Science, 2006, , 204-221.	1.0	0
221	Similarity Search for Voxelized CAD Objects. , 2006, , 115-147.		0
222	Segmentation of medical images combining local, regional, global, and hierarchical distances into a bottom-up region merging scheme. , 2005, , .		19
223	Efficient interval management using object-relational database servers. Computer Science - Research and Development, 2005, 20, 121-137.	0.9	2
224	CLICKS. , 2005, , .		28
225	Efficient Similarity Search for Hierarchical Data in Large Databases. Lecture Notes in Computer Science, 2004, , 676-693.	1.0	53
226	Joining interval data in relational databases. , 2004, , .		42
227	Extended query refinement for content-based access to large medical-image databases. , 2004, 5371, 90.		7
228	Effective similarity search on voxelized CAD objects. , 2003, , .		30
229	Spatial Data Management for Virtual Product Development. Lecture Notes in Computer Science, 2003, , 216-230.	1.0	5
230	Combining Approximation Techniques and Vector Quantization for Adaptable Similarity Search. Journal of Intelligent Information Systems, 2002, 19, 207-230.	2.8	1
231	Spatial data management for computer aided design. , 2001, , .		6
232	Interval Sequences: An Object-Relational Approach to Manage Spatial Data. Lecture Notes in Computer Science, 2001, , 481-501.	1.0	10
233	Spatial data management for computer aided design. SIGMOD Record, 2001, 30, 614.	0.7	1
234	Adaptable Similarity Search in Large Image Databases. Computational Imaging and Vision, 2001, , 297-317.	0.6	1

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235	Adaptable Similarity Search Using Vector Quantization. Lecture Notes in Computer Science, 2001, , 317-327.	1.0	1
236	Indexing the solution space: a new technique for nearest neighbor search in high-dimensional space. IEEE Transactions on Knowledge and Data Engineering, 2000, 12, 45-57.	4.0	45
237	3D Shape Histograms for Similarity Search and Classification in Spatial Databases. Lecture Notes in Computer Science, 1999, , 207-226.	1.0	319
238	Approximation-Based Similarity Search for 3-D Surface Segments. GeoInformatica, 1998, 2, 113-147.	2.0	39
239	Optimal multi-step k-nearest neighbor search. , 1998, , .		248
240	A multistep approach for shape similarity search in image databases. IEEE Transactions on Knowledge and Data Engineering, 1998, 10, 996-1004.	4.0	27
241	Optimal multi-step k-nearest neighbor search. SIGMOD Record, 1998, 27, 154-165.	0.7	130
242	3D Similarity search by shape approximation. Lecture Notes in Computer Science, 1997, , 9-28.	1.0	10
243	A 3D molecular surface representation supporting neighborhood queries. Lecture Notes in Computer Science, 1995, , 240-258.	1.0	6
244	Formbasierte Suche nach komplementären 3D-Oberflächen in einer Protein-Datenbank. Informatik Aktuell, 1995, , 373-382.	0.4	3
245	Visual feedback in querying large databases. , 0, , .		9
246	A cost model for interval intersection queries on RI-trees. , 0, , .		8
247	Efficient similarity search in large databases of tree structured objects. , 0, , .		0