

Roger Zimmermann

List of Publications by Year in descending order

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256
papers

4,469
citations

304602

22
h-index

254106

43
g-index

277
all docs

277
docs citations

277
times ranked

2787
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimized Delivery Architecture for HTTP Low-Latency Live Streaming. IEEE Transactions on Multimedia, 2023, 25, 2585-2600.	5.2	4
2	GPS2Vec: Pre-Trained Semantic Embeddings for Worldwide GPS Coordinates. IEEE Transactions on Multimedia, 2022, 24, 890-903.	5.2	2
3	Catching the Moment With LoL in Twitch-Like Low-Latency Live Streaming Platforms. IEEE Transactions on Multimedia, 2022, 24, 2300-2314.	5.2	19
4	An Adaptive Multiobjective Multitask Service Composition Approach Considering Practical Constraints in Fog Manufacturing. IEEE Transactions on Industrial Informatics, 2022, 18, 6756-6766.	7.2	3
5	Content-Attribute Disentanglement for Generalized Zero-Shot Learning. IEEE Access, 2022, 10, 58320-58331.	2.6	0
6	Conversational transfer learning for emotion recognition. Information Fusion, 2021, 65, 1-12.	11.7	53
7	Data-Driven Bandwidth Prediction Models and Automated Model Selection for Low Latency. IEEE Transactions on Multimedia, 2021, 23, 2588-2601.	5.2	17
8	Visual Relationship Detection With Visual-Linguistic Knowledge From Multimodal Representations. IEEE Access, 2021, 9, 50441-50451.	2.6	15
9	Understanding quality of experience of heuristic-based HTTP adaptive bitrate algorithms. , 2021, , .		13
10	Playing chunk-transferred DASH segments at low latency with QLive. , 2021, , .		9
11	Common media client data (CMCD). , 2021, , .		15
12	Recovering the Unbiased Scene Graphs from the Biased Ones. , 2021, , .		49
13	Multimodal Fusion of Satellite Images and Crowdsourced GPS Traces for Robust Road Attribute Detection. , 2021, , .		5
14	Road to Salvation: Streaming Clients and Content Delivery Networks Working Together. IEEE Communications Magazine, 2021, 59, 123-128.	4.9	9
15	An Enhanced GAN Model for Automatic Satellite-to-Map Image Conversion. IEEE Access, 2020, 8, 176704-176716.	2.6	15
16	When they go high, we go low. , 2020, , .		30
17	A Multi-task Learning Framework for Road Attribute Updating via Joint Analysis of Map Data and GPS Traces. , 2020, , .		7
18	DQ-DASH. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-24.	3.0	12

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19	Performance Analysis of ACTE. ACM Transactions on Multimedia Computing, Communications and Applications, 2020, 16, 1-24.	3.0	13
20	Grab-Posisi-L. , 2020, , .		1
21	Scene Categorization Using Deeply Learned Gaze Shifting Kernel. IEEE Transactions on Cybernetics, 2019, 49, 2156-2167.	6.2	20
22	A Survey on Bitrate Adaptation Schemes for Streaming Media Over HTTP. IEEE Communications Surveys and Tutorials, 2019, 21, 562-585.	24.8	288
23	Mind Your Language: Abuse and Offense Detection for Code-Switched Languages. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9951-9952.	3.6	11
24	Bandwidth prediction in low-latency chunked streaming. , 2019, , .		43
25	Game of Streaming Players. ACM Transactions on Multimedia Computing, Communications and Applications, 2019, 15, 1-30.	3.0	3
26	Locate the Mobile Device by Enhancing the WiFi-Based Indoor Localization Model. IEEE Internet of Things Journal, 2019, 6, 8792-8803.	5.5	38
27	User Input Based Style Transfer While Retaining Facial Attributes. , 2019, , .		1
28	Get IT Scored Using AutoSAS â€” An Automated System for Scoring Short Answers. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 9662-9669.	3.6	29
29	Grab-Posisi. , 2019, , .		21
30	Video Summarization using Global Attention with Memory Network and LSTM. , 2019, , .		6
31	GPS2Vec. , 2019, , .		16
32	Are You Paying Attention? Detecting Distracted Driving in Real-Time. , 2019, , .		22
33	Facefetch: An Efficient and Scalable Face Retrieval System That uses Your Visual Memory. , 2019, , .		5
34	Multi-scale Graph Convolutional Network for Intersection Detection from GPS Trajectories. , 2019, , .		3
35	Online Modeling of Esthetic Communities Using Deep Perception Graph Analytics. IEEE Transactions on Multimedia, 2018, 20, 1462-1474.	5.2	17
36	Aspect-Based Financial Sentiment Analysis using Deep Learning. , 2018, , .		47

#	ARTICLE	IF	CITATIONS
37	QoE-Aware Bandwidth Broker for HTTP Adaptive Streaming Flows in an SDN-Enabled HFC Network. IEEE Transactions on Broadcasting, 2018, 64, 575-589.	2.5	20
38	Encoded Semantic Tree for Automatic User Profiling Applied to Personalized Video Summarization. IEEE Transactions on Circuits and Systems for Video Technology, 2018, 28, 181-192.	5.6	7
39	Perceptual multi-channel visual feature fusion for scene categorization. Information Sciences, 2018, 429, 37-48.	4.0	13
40	IceBreaker: Solving Cold Start Problem for Video Recommendation Engines. , 2018, , .		6
41	A Distributed Approach for Bitrate Selection in HTTP Adaptive Streaming. , 2018, , .		7
42	Rare category exploration with noisy labels. Expert Systems With Applications, 2018, 114, 503-515.	4.4	0
43	Learning and Fusing Multimodal Deep Features for Acoustic Scene Categorization. , 2018, , .		33
44	Toward Personalized Activity Level Prediction in Community Question Answering Websites. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-15.	3.0	8
45	Want to play DASH?. , 2018, , .		27
46	ORL-SDN. ACM Transactions on Multimedia Computing, Communications and Applications, 2018, 14, 1-28.	3.0	13
47	Feature-based Map Matching for Low-Sampling-Rate GPS Trajectories. ACM Transactions on Spatial Algorithms and Systems, 2018, 4, 1-24.	1.1	22
48	Harnessing AI for Speech Reconstruction using Multi-view Silent Video Feed. , 2018, , .		16
49	Trip Planning Queries. , 2018, , 4229-4235.		0
50	The subspace global skyline query processing over dynamic databases. World Wide Web, 2017, 20, 291-324.	2.7	3
51	An efficient approach to finding potential products continuously. Information Systems, 2017, 65, 22-35.	2.4	0
52	Media Quality Assessment by Perceptual Gaze-Shift Patterns Discovery. IEEE Transactions on Multimedia, 2017, 19, 1811-1820.	5.2	8
53	Fusion of Magnetic and Visual Sensors for Indoor Localization: Infrastructure-Free and More Effective. IEEE Transactions on Multimedia, 2017, 19, 874-888.	5.2	100
54	Soundtrack Recommendation for UGVs. A Practical Guide To Sentiment Analysis, 2017, , 139-171.	0.3	0

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55	Tag Recommendation and Ranking. A Practical Guide To Sentiment Analysis, 2017, , 101-138.	0.3	2
56	Lecture Video Segmentation. A Practical Guide To Sentiment Analysis, 2017, , 173-203.	0.3	1
57	SDNHAS: An SDN-Enabled Architecture to Optimize QoE in HTTP Adaptive Streaming. IEEE Transactions on Multimedia, 2017, 19, 2136-2151.	5.2	88
58	Multiview and Multimodal Pervasive Indoor Localization. , 2017, , .		17
59	Geographic information use in weakly-supervised deep learning for landmark recognition. , 2017, , .		5
60	Event Understanding. A Practical Guide To Sentiment Analysis, 2017, , 59-99.	0.3	0
61	Adaptive News Video Uploading. A Practical Guide To Sentiment Analysis, 2017, , 205-234.	0.3	0
62	Spatio-Temporal Analysis of Bandwidth Maps for Geo-Predictive Video Streaming in Mobile Environments. , 2016, , .		11
63	GeoUCV. , 2016, , .		30
64	Concept-Level Multimodal Ranking of Flickr Photo Tags via Recall Based Weighting. , 2016, , .		16
65	Semantic Photo Retargeting Under Noisy Image Labels. ACM Transactions on Multimedia Computing, Communications and Applications, 2016, 12, 1-22.	3.0	21
66	Flickr Circles: Aesthetic Tendency Discovery by Multi-View Regularized Topic Modeling. IEEE Transactions on Multimedia, 2016, 18, 1555-1567.	5.2	57
67	Discovering the Representative Skyline Over a Sliding Window. IEEE Transactions on Knowledge and Data Engineering, 2016, 28, 2041-2056.	4.0	21
68	Leveraging transitions for the upload of user-generated mobile video. , 2016, , .		10
69	SDNDASH. , 2016, , .		128
70	Rare category exploration via wavelet analysis: Theory and applications. Expert Systems With Applications, 2016, 63, 173-186.	4.4	5
71	Fuzzy clustering of lecture videos based on topic modeling. , 2016, , .		19
72	Dynamic Urban Surveillance Video Stream Processing Using Fog Computing. , 2016, , .		116

#	ARTICLE	IF	CITATIONS
73	Leveraging multimodal information for event summarization and concept-level sentiment analysis. Knowledge-Based Systems, 2016, 108, 102-109.	4.0	64
74	Videopedia: Lecture Video Recommendation for Educational Blogs Using Topic Modeling. Lecture Notes in Computer Science, 2016, , 238-250.	1.0	22
75	Efficient Summarization From Multiple Georeferenced User-Generated Videos. IEEE Transactions on Multimedia, 2016, 18, 418-431.	5.2	21
76	Skyline-join query processing in distributed databases. Frontiers of Computer Science, 2016, 10, 330-352.	1.6	5
77	NEWSMAN: Uploading Videos over Adaptive Middleboxes to News Servers in Weak Network Infrastructures. Lecture Notes in Computer Science, 2016, , 100-113.	1.0	16
78	Automatic geographic metadata correction for sensor-rich video sequences. , 2016, , .		3
79	A general feature-based map matching framework with trajectory simplification. , 2016, , .		27
80	Trip Planning Queries. , 2016, , 1-7.		0
81	Biologically Inspired Media Quality Modeling. , 2015, , .		17
82	TRACE: Linguistic-Based Approach for Automatic Lecture Video Segmentation Leveraging Wikipedia Texts. , 2015, , .		30
83	Integrated prefetching and caching for adaptive video streaming over HTTP. , 2015, , .		24
84	Content vs. Context. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 11, 1-21.	3.0	16
85	Aesthetics-Guided Summarization from Multiple User Generated Videos. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 11, 1-23.	3.0	17
86	Efficient Geo-Fencing via Hybrid Hashing. ACM Transactions on Spatial Algorithms and Systems, 2015, 1, 1-22.	1.1	3
87	Towards Cost-Effective Cloud Downloading with Tencent Big Data. Journal of Computer Science and Technology, 2015, 30, 1163-1174.	0.9	12
88	EventBuilder. , 2015, , .		29
89	Spatial-Temporal Tag Mining for Automatic Geospatial Video Annotation. ACM Transactions on Multimedia Computing, Communications and Applications, 2015, 11, 1-21.	3.0	17
90	Exploiting Spatial Relationship between Scenes for Hierarchical Video Geotagging. , 2015, , .		2

#	ARTICLE	IF	CITATIONS
91	Fine-Grained Image Categorization by Localizing TinyObject Parts from Unannotated Images. , 2015, , .		9
92	On Generating Content-Oriented Geo Features for Sensor-Rich Outdoor Video Search. IEEE Transactions on Multimedia, 2015, 17, 1760-1772.	5.2	12
93	Flickr circles: Mining socially-aware aesthetic tendency. , 2015, , .		4
94	Performance Evaluation of Students Using Multimodal Learning Systems. Lecture Notes in Computer Science, 2015, , 135-147.	1.0	8
95	Emerging Topics on Personalized and Localized Multimedia Information Systems. , 2014, , .		2
96	Access point centric scheduling for dash streaming in multirate 802.11 wireless network. , 2014, , .		2
97	Points of Interest Detection from Multiple Sensor-Rich Videos in Geo-Space. , 2014, , .		3
98	ADVISOR. , 2014, , .		54
99	Student Performance Evaluation of Multimodal Learning via a Vector Space Model. , 2014, , .		1
100	Dynamic scheduling on video transcoding for MPEG DASH in the cloud environment. , 2014, , .		30
101	User preference-aware music video generation based on modeling scene moods. , 2014, , .		20
102	WISMM'14 – First ACM International Workshop on Internet-Scale Multimedia Management. , 2014, , .		0
103	Empirical Observation of User Activities. , 2014, , .		9
104	MediaQ. , 2014, , .		46
105	Point of Interest Detection and Visual Distance Estimation for Sensor-Rich Video. IEEE Transactions on Multimedia, 2014, 16, 1929-1941.	5.2	12
106	GTube. , 2014, , .		43
107	Perception-Guided Multimodal Feature Fusion for Photo Aesthetics Assessment. , 2014, , .		42
108	Eddy. , 2014, , .		34

#	ARTICLE	IF	CITATIONS
109	Spatial sensor data processing and analysis for mobile media applications. , 2014, , .		0
110	Fusion of Multichannel Local and Global Structural Cues for Photo Aesthetics Evaluation. IEEE Transactions on Image Processing, 2014, 23, 1419-1429.	6.0	149
111	Active key frame selection for 3D model reconstruction from crowdsourced geo-tagged videos. , 2014, , .		15
112	Caching Support for Skyline Query Processing with Partially Ordered Domains. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 2649-2661.	4.0	7
113	Large-scale geo-tagged video indexing and queries. Geoinformatica, 2014, 18, 671-697.	2.0	22
114	Discriminative Cellets Discovery for Fine-Grained Image Categories Retrieval. , 2014, , .		20
115	Key Frame Selection Algorithms for Automatic Generation of Panoramic Images from Crowdsourced Geo-tagged Videos. Lecture Notes in Computer Science, 2014, , 67-84.	1.0	14
116	¼ Resource Optimization for Multimedia Cloud Computing. , 2014, , 43-68.		1
117	Quality-Aware Media Scheduling on MPSoC Platforms. , 2013, , .		0
118	Camera Shooting Location Recommendations for Landmarks in Geo-space. , 2013, , .		6
119	Scalable Content-Based Music Retrieval Using Chord Progression Histogram and Tree-Structure LSH. IEEE Transactions on Multimedia, 2013, 15, 1969-1981.	5.2	16
120	Dynamic Bit Encoding for Privacy Protection against Correlation Attacks in RFID Backward Channel. IEEE Transactions on Computers, 2013, 62, 112-123.	2.4	13
121	Edge-based locality sensitive hashing for efficient geo-fencing application. , 2013, , .		9
122	OSCOR. , 2013, , .		4
123	Orientation data correction with georeferenced mobile videos. , 2013, , .		7
124	Privacy preserving continuous multimedia streaming in MANETs. ACM Transactions on Multimedia Computing, Communications and Applications, 2013, 9, 1-22.	3.0	2
125	Group Location Selection Queries over Uncertain Objects. IEEE Transactions on Knowledge and Data Engineering, 2013, 25, 2796-2808.	4.0	7
126	IDM: An Indirect Dissemination Mechanism for Spatial Voice Interaction in Networked Virtual Environments. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 356-367.	4.0	1

#	ARTICLE	IF	CITATIONS
127	Social interactions over geographic-aware multimedia systems. , 2013, , .		13
128	Dynamic Multi-video Summarization of Sensor-Rich Videos in Geo-Space. Lecture Notes in Computer Science, 2013, , 380-390.	1.0	10
129	Meteorological Influences Within the Context of Air Quality in Beijing. Springer Atmospheric Sciences, 2013, , 1219-1225.	0.4	0
130	Modern Navigation Systems and Related Spatial Query. , 2013, , 631-637.		2
131	Shortest Path Computation over Disk-Resident Large Graphs Based on Extended Bulk Synchronous Parallel Methods. Lecture Notes in Computer Science, 2013, , 1-15.	1.0	1
132	Sensor-assisted camera motion analysis and motion estimation improvement for H.264/AVC video encoding. , 2012, , .		4
133	Motch. , 2012, , .		6
134	An experimental study of video uploading from mobile devices with HTTP streaming. , 2012, , .		14
135	Automatic positioning data correction for sensor-annotated mobile videos. , 2012, , .		7
136	Reducing cross-group traffic with a cooperative streaming architecture. , 2012, , .		0
137	Multi-video summary and skim generation of sensor-rich videos in geo-space. , 2012, , .		21
138	DVS. , 2012, , .		4
139	HUGVid. , 2012, , .		5
140	Automatic music soundtrack generation for outdoor videos from contextual sensor information. , 2012, , .		29
141	Recognition and Summarization of Chord Progressions and Their Application to Music Information Retrieval. , 2012, , .		3
142	ISP-friendly P2P live streaming. ACM Transactions on Multimedia Computing, Communications and Applications, 2012, 8, 1-20.	3.0	7
143	Quantitative analysis of visibility determinations for networked virtual environments. Journal of Visual Communication and Image Representation, 2012, 23, 705-718.	1.7	3
144	Adaptive Coding with CPU Energy Conservation for Mobile Video Calls. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
145	Energy Conservation in 802.11 WLAN for Mobile Video Calls. , 2012, , .		1
146	A Grid-Based Index and Queries for Large-Scale Geo-tagged Video Collections. Lecture Notes in Computer Science, 2012, , 216-228.	1.0	2
147	Fast hybrid simulation for accurate decoded video quality assessment on MPSoC platforms with resource constraints. , 2011, , .		0
148	Video quality-driven buffer dimensioning in MPSoC platforms via prioritized frame drops. , 2011, , .		1
149	Energy-aware complexity adaptation for mobile video calls. , 2011, , .		0
150	Processing of Continuous Location-Based Range Queries on Moving Objects in Road Networks. IEEE Transactions on Knowledge and Data Engineering, 2011, 23, 1065-1078.	4.0	52
151	Guest Editorial"BSN2010 Special Issue. IEEE Transactions on Biomedical Circuits and Systems, 2011, 5, 305-306.	2.7	0
152	Video Quality Driven Buffer Sizing via Frame Drops. , 2011, , .		10
153	Peer-to-Peer Media Streaming: Insights and New Developments. Proceedings of the IEEE, 2011, 99, 2087-2088.	16.4	6
154	<title></title> </titles> </publication_date> </month>12</month> </year>2011</year> </publication_date> </pages> </first_page>2081</first_page> </last_page>2081</last_page> </pages> </publisher_item> </item_number item_number_type='arNumber'>6082068</item_number> </publisher_item> </doi_data> </doi>10.1109/JPROC.2011.2174089</doi> </resource>http://ieeexplore.ieee.	16.4	90
155	The partial sequenced route query with traveling rules in road networks. Geoinformatica, 2011, 15, 541-569.	2.0	30
156	LAN-awareness. , 2011, , .		4
157	Automatic tag generation and ranking for sensor-rich outdoor videos. , 2011, , .		37
158	Peer-assisted texture streaming in metaverses. , 2011, , .		5
159	Keyframe presentation for browsing of user-generated videos on map interfaces. , 2011, , .		11
160	Energy-efficient mobile video management using smartphones. , 2011, , .		12
161	Maximizing system reachability for P2P-based interactive spatial audio applications in networked virtual environments. , 2011, , .		0
162	SkyEngine: Efficient Skyline search engine for Continuous Skyline computations. , 2011, , .		6

#	ARTICLE	IF	CITATIONS
163	EnAcq. , 2011, , .		31
164	Message from the Workshop/Symposium Chairs. , 2010, , .		0
165	Presentation of geo-referenced videos with google earth. , 2010, , .		2
166	Relevance ranking in georeferenced video search. Multimedia Systems, 2010, 16, 105-125.	3.0	28
167	Efficient Location Updates for Continuous Queries over Moving Objects. Journal of Computer Science and Technology, 2010, 25, 415-430.	0.9	3
168	Design and implementation of geo-tagged video search framework. Journal of Visual Communication and Image Representation, 2010, 21, 773-786.	1.7	17
169	An embedded P2P-based positional audio system in virtual environments. , 2010, , .		0
170	Vector model in support of versatile georeferenced video search. , 2010, , .		11
171	Generating synthetic meta-data for georeferenced video management. , 2010, , .		12
172	Spatializer. , 2010, , .		3
173	An Adaptive Strategy for Mobile Ad Hoc Media Streaming. IEEE Transactions on Multimedia, 2010, 12, 317-329.	5.2	22
174	A Novel Dual-Index Design to Efficiently Support Snapshot Location-Based Query Processing in Mobile Environments. IEEE Transactions on Mobile Computing, 2010, 9, 1280-1292.	3.9	7
175	PLUS: A Message-Efficient Prototype for Location-Based Applications. Proceedings - International Conference on Data Engineering, 2009, , .	0.0	0
176	ISP-friendly peer selection in P2P networks. , 2009, , .		13
177	GRVS. , 2009, , .		16
178	Privacy Protected Spatial Query Processing for Advanced Location Based Services. Wireless Personal Communications, 2009, 51, 53-65.	1.8	27
179	Group-Server Scheduling for Continuous Multimedia Streaming in MANETs. , 2009, , .		0
180	Adaptive Safe Regions for Continuous Spatial Queries over Moving Objects. Lecture Notes in Computer Science, 2009, , 71-76.	1.0	5

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181	Cross-tree adjustment for spatialized audio streaming over networked virtual environments. , 2009, , .		5
182	Group communication techniques in overlay networks. ACM Multimedia, 2009, 1, 9-10.	0.1	2
183	Fast model-based test case classification for performance analysis of multimedia MPSoC platforms. , 2009, , .		1
184	Modern Navigation Systems and Related Spatial Query. , 2009, , 285-292.		0
185	Automatically and Accurately Conflating Raster Maps with Orthoimagery. Geoinformatica, 2008, 12, 377-410.	2.0	46
186	Nearest neighbor queries with peer-to-peer data sharing in mobile environments. Pervasive and Mobile Computing, 2008, 4, 775-788.	2.1	22
187	Location-Based Spatial Query Processing with Data Sharing in Wireless Broadcast Environments. IEEE Transactions on Mobile Computing, 2008, 7, 778-791.	3.9	39
188	Database and Expert Systems Applications. Lecture Notes in Computer Science, 2008, , .	1.0	3
189	Viewable scene modeling for geospatial video search. , 2008, , .		76
190	The multi-rule partial sequenced route query. , 2008, , .		59
191	Spatialized audio streaming for networked virtual environments. , 2008, , .		23
192	Distributed musical performances. ACM Transactions on Multimedia Computing, Communications and Applications, 2008, 4, 1-23.	3.0	19
193	Snapshot location-based query processing on moving objects in road networks. , 2008, , .		30
194	Efficient Updates for Continuous Skyline Computations. Lecture Notes in Computer Science, 2008, , 419-433.	1.0	8
195	Evaluating Server Capacity for Streaming Media Services. Lecture Notes in Business Information Processing, 2008, , 112-131.	0.8	0
196	High Definition Live Streaming. , 2008, , 282-287.		0
197	Networked Collaboration Environments. , 2008, , 661-664.		0
198	Encyclopedia of wireless and mobile communications. Choice Reviews, 2008, 46, 46-1245-46-1245.	0.4	2

#	ARTICLE	IF	CITATIONS
199	Partition-based lazy updates for continuous queries over moving objects. , 2007, , .		5
200	Zoned-RAID. ACM Transactions on Storage, 2007, 3, 1.	1.4	30
201	Privacy Protected Query Processing on Spatial Networks. , 2007, , .		24
202	Multi-party HD Conferencing System for Wired and Wireless Networks. , 2007, , .		1
203	Location-based Spatial Queries with Data Sharing in Wireless Broadcast Environments. , 2007, , .		4
204	Improving mobile ad-hoc streaming performance through adaptive layer selection with scalable video coding. , 2007, , .		18
205	ANNATTO: Adaptive Nearest Neighbor Queries in Travel Time Networks. , 2006, , .		1
206	A Distributed Geotechnical Information Management and Exchange Architecture. IEEE Internet Computing, 2006, 10, 26-33.	3.2	5
207	Welcome Message from Conference Chairs. , 2006, , .		0
208	A performance model of effective memory management in HYDRA: a large scale data stream recording system. , 2006, 6071, 177.		0
209	A multi-threshold online smoothing technique for variable rate multimedia streams. Multimedia Tools and Applications, 2006, 28, 23-49.	2.6	4
210	Adaptive low-latency peer-to-peer streaming and its application. Multimedia Systems, 2006, 11, 497-512.	3.0	12
211	BroadScale: Efficient scaling of heterogeneous storage systems. International Journal on Digital Libraries, 2006, 6, 98-111.	1.1	2
212	Edge indexing in a grid for highly dynamic virtual environments. , 2006, , .		2
213	Supporting guaranteed continuous media streaming in mobile ad-hoc networks with link availability prediction. , 2006, , .		10
214	Location-based Spatial Queries with Data Sharing in Mobile Environments. , 2006, , .		6
215	MAPLE: A Mobile Scalable P2P Nearest Neighbor Query System for Location-based Services. , 2006, , .		2
216	Memory Management for Large Scale Data Stream Recorders. , 2006, , 97-106.		0

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217	<title>Randomized load balancing in scalable storage systems</title>. , 2005, , .		0
218	<title>ACTIVE: adaptive low-latency peer-to-peer streaming</title>. , 2005, , .		18
219	Scalability evaluation of theYima streaming media architecture. Software - Practice and Experience, 2005, 35, 345-359.	2.5	2
220	Randomized Data Allocation in Scalable Streaming Architectures. Lecture Notes in Computer Science, 2005, , 474-486.	1.0	1
221	Zoned-RAID for Multimedia Database Servers. Lecture Notes in Computer Science, 2005, , 461-473.	1.0	1
222	Efficient disk replacement and data migration algorithms for large disk subsystems. ACM Transactions on Storage, 2005, 1, 316-345.	1.4	21
223	Adaptive nearest neighbor queries in travel time networks. , 2005, , .		18
224	Retransmission-based error control for scalable streaming media systems. Journal of Electronic Imaging, 2005, 14, 013009.	0.5	0
225	Supporting multimedia streaming between mobile peers with link availability prediction. , 2005, , .		26
226	ASPEN. , 2005, , .		17
227	Efficient query routing in distributed spatial databases. , 2004, , .		15
228	High resolution live streaming with the HYDRA architecture. Computers in Entertainment, 2004, 2, 16-16.	1.2	6
229	Highly Available and Heterogeneous Continuous Media Storage Systems. IEEE Transactions on Multimedia, 2004, 6, 886-896.	5.2	6
230	RMI system: internet meets the future home theater. IEEE MultiMedia, 2004, 11, 48-57.	1.5	5
231	Comprehensive statistical admission control for streaming media servers. , 2003, , .		15
232	From remote media immersion to Distributed Immersive Performance. , 2003, , .		44
233	Streaming of DivX AVI movies. , 2003, , .		2
234	<title>Retransmission-based error control in a many-to-many client-server environment</title>. , 2003, , .		8

#	ARTICLE	IF	CITATIONS
235	Yima: a second-generation continuous media server. <i>Computer</i> , 2002, 35, 56-62.	1.2	42
236	Alternative techniques for the efficient acquisition of haptic data. <i>Performance Evaluation Review</i> , 2001, 29, 334-335.	0.4	5
237	Alternative techniques for the efficient acquisition of haptic data. , 2001, , .		11
238	Management of Space in Hierarchical Storage Systems. , 2001, , 265-IV.		1
239	Yima: Design and Evaluation of a Streaming Media System for Residential Broadband Services. <i>Lecture Notes in Computer Science</i> , 1999, , 116-125.	1.0	4
240	7.3. Crusader System Engineering Tool Set Continuous Improvement Process. <i>Incose International Symposium</i> , 1998, 8, 818-825.	0.2	1
241	Mitra: A Scalable Continuous Media Server. , 1998, , 63-90.		2
242	Continuous display using heterogeneous disk-subsystems. , 1997, , .		17
243	<title>Minimizing start-up latency in scalable continuous media servers</title>. , 1997, 3020, 144.		15
244	Mitra: A Scalable Continuous Media Server. <i>Multimedia Tools and Applications</i> , 1997, 5, 79-108.	2.6	37
245	Temperature-controlled release property of phospholipid vesicles bearing a thermo-sensitive polymer. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1280, 127-134.	1.4	103
246	An on-line algorithm to optimize file layout in a dynamic environment. <i>Information Processing Letters</i> , 1996, 57, 75-81.	0.4	7
247	Secretory response of the pig gut to non-starch polysaccharides. <i>Animal Feed Science and Technology</i> , 1989, 23, 55-65.	1.1	58
248	MASAA: a case study in building a distributed integrated media database. , 0, , .		0
249	Analysis of clustering techniques to detect hand signs. , 0, , .		7
250	SCADDAR: an efficient randomized technique to reorganize continuous media blocks. , 0, , .		42
251	Device independence and extensibility in gesture recognition. , 0, , .		14
252	Spatial data query support in peer-to-peer systems. , 0, , .		7

#	ARTICLE	IF	CITATIONS
253	An Energy-Efficient Voting-Based Clustering Algorithm for Sensor Networks. , 0, , .		32
254	Immersive peer-to-peer audio streaming platform for massive online games. , 0, , .		3
255	Integrated Voice and Haptic Support for Tele-Rehabilitation. , 0, , .		2
256	Research on Network Security and Data Encryption. Applied Mechanics and Materials, 0, 50-51, 531-535.	0.2	1