

Bart Agmh Dhoedt

List of Publications by Year in descending order

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Version: 2024-02-01

212
papers

3,713
citations

186209

28
h-index

254106

43
g-index

219
all docs

219
docs citations

219
times ranked

3478
citing authors

#	ARTICLE	IF	CITATIONS
1	Pass/Fail Prediction in Programming Courses. Journal of Educational Computing Research, 2023, 61, 68-95.	3.6	3
2	The Free Energy Principle for Perception and Action: A Deep Learning Perspective. Entropy, 2022, 24, 301.	1.1	15
3	Bio-inspired monocular drone SLAM. , 2022, , .		1
4	Active Vision for Robot Manipulators Using the Free Energy Principle. Frontiers in Neurorobotics, 2021, 15, 642780.	1.6	13
5	Leveraging the Bhattacharyya coefficient for uncertainty quantification in deep neural networks. Neural Computing and Applications, 2021, 33, 10259-10275.	3.2	9
6	Robot navigation as hierarchical active inference. Neural Networks, 2021, 142, 192-204.	3.3	39
7	Training binary neural networks with knowledge transfer. Neurocomputing, 2020, 396, 534-541.	3.5	12
8	Learning Generative State Space Models for Active Inference. Frontiers in Computational Neuroscience, 2020, 14, 574372.	1.2	24
9	Learning robots to grasp by demonstration. Robotics and Autonomous Systems, 2020, 127, 103474.	3.0	21
10	Multi-fidelity deep neural networks for adaptive inference in the internet of multimedia things. Future Generation Computer Systems, 2019, 97, 355-360.	4.9	7
11	Character-level recurrent neural networks in practice: comparing training and sampling schemes. Neural Computing and Applications, 2019, 31, 4001-4017.	3.2	4
12	DIANNE: a modular framework for designing, training and deploying deep neural networks on heterogeneous distributed infrastructure. Journal of Systems and Software, 2018, 141, 52-65.	3.3	17
13	The crowd as a cameraman: on-stage display of crowdsourced mobile video at large-scale events. Multimedia Tools and Applications, 2018, 77, 597-629.	2.6	2
14	Modeling and predicting the popularity of online news based on temporal and content-related features. Multimedia Tools and Applications, 2018, 77, 1409-1436.	2.6	16
15	Large-scale user modeling with recurrent neural networks for music discovery on multiple time scales. Multimedia Tools and Applications, 2018, 77, 15385-15407.	2.6	11
16	Docker Layer Placement for On-Demand Provisioning of Services on Edge Clouds. IEEE Transactions on Network and Service Management, 2018, 15, 1161-1174.	3.2	25
17	The cascading neural network: building the Internet of Smart Things. Knowledge and Information Systems, 2017, 52, 791-814.	2.1	39
18	Categorizing events using spatio-temporal and user features from Flickr. Information Sciences, 2016, 328, 76-96.	4.0	10

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19	Dynamic auto-scaling and scheduling of deadline constrained service workloads on IaaS clouds. Journal of Systems and Software, 2016, 118, 101-114.	3.3	30
20	Representation learning for very short texts using weighted word embedding aggregation. Pattern Recognition Letters, 2016, 80, 150-156.	2.6	130
21	Mobile device power models for energy efficient dynamic offloading at runtime. Journal of Systems and Software, 2016, 113, 173-187.	3.3	33
22	Remote rendering solutions using web technologies. Multimedia Tools and Applications, 2016, 75, 4383-4410.	2.6	11
23	Androsgi: bringing the power of OSGi to Android. , 2015, , .		0
24	BLSSpeller: exhaustive comparative discovery of conserved cis-regulatory elements. Bioinformatics, 2015, 31, 3758-3766.	1.8	14
25	Allocating resources for customizable multi-tenant applications in clouds using dynamic feature placement. Future Generation Computer Systems, 2015, 53, 63-76.	4.9	5
26	QuLa: Queue and latency-aware service selection and routing in service-centric networking. Journal of Communications and Networks, 2015, 17, 306-320.	1.8	2
27	Discrete-event simulation for efficient and stable resource allocation in collaborative mobile cloudlets. Simulation Modelling Practice and Theory, 2015, 50, 109-129.	2.2	28
28	Platform for real-time subjective assessment of interactive multimedia applications. Multimedia Tools and Applications, 2014, 72, 749.	2.6	2
29	Georeferencing Wikipedia Documents Using Data from Social Media Sources. ACM Transactions on Information Systems, 2014, 32, 1-32.	3.8	14
30	Estimating the semantic type of events using location features from Flickr. , 2014, , .		0
31	Joint Dimensioning of Server and Network Infrastructure for Resilient Optical Grids/Clouds. IEEE/ACM Transactions on Networking, 2014, 22, 1591-1606.	2.6	39
32	Allocation Algorithms for Autonomous Management of Collaborative Cloudlets. , 2014, , .		13
33	Enabling component-based mobile cloud computing with the AIOLOS middleware. , 2014, , .		3
34	Adaptive deployment and configuration for mobile augmented reality in the cloudlet. Journal of Network and Computer Applications, 2014, 41, 206-216.	5.8	38
35	Multi-criteria anomaly detection in urban noise sensor networks. Environmental Sciences: Processes and Impacts, 2014, 16, 2249-2258.	1.7	7
36	Design of a security mechanism for RESTful Web Service communication through mobile clients. , 2014, , .		7

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37	Bandwidth efficient adaptive forward error correction mechanism with feedback channel. Journal of Communications and Networks, 2014, 16, 322-334.	1.8	12
38	Hierarchical network-aware placement of service oriented applications in Clouds. , 2014, , .		30
39	Spatially Aware Term Selection for Geotagging. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 221-234.	4.0	27
40	User subscription-based resource management for Desktop-as-a-Service platforms. Journal of Supercomputing, 2014, 69, 412-428.	2.4	5
41	Network latency hiding in thin client systems through server-centric speculative display updating. Journal of Network and Computer Applications, 2014, 41, 228-239.	5.8	1
42	Cost-Effective Feature Placement of Customizable Multi-Tenant Applications in the Cloud. Journal of Network and Systems Management, 2014, 22, 517-558.	3.3	28
43	Management of crowdsourced first-person video. , 2014, , .		3
44	A Parallel, Distributed-Memory Framework for Comparative Motif Discovery. Lecture Notes in Computer Science, 2014, , 268-277.	1.0	1
45	Towards an Environmental Measurement Cloud: Delivering Pollution Awareness to the Public. International Journal of Distributed Sensor Networks, 2014, 10, 541360.	1.3	18
46	Semantic multimedia remote display for mobile thin clients. Multimedia Systems, 2013, 19, 455-474.	3.0	7
47	Georeferencing Flickr resources based on textual meta-data. Information Sciences, 2013, 238, 52-74.	4.0	27
48	Energy-Efficient Resource-Provisioning Algorithms for Optical Clouds. Journal of Optical Communications and Networking, 2013, 5, 226.	3.3	35
49	Graph partitioning algorithms for optimizing software deployment in mobile cloud computing. Future Generation Computer Systems, 2013, 29, 451-459.	4.9	75
50	Leveraging Cloudlets for Immersive Collaborative Applications. IEEE Pervasive Computing, 2013, 12, 30-38.	1.1	49
51	Mobile, Collaborative Augmented Reality Using Cloudlets. , 2013, , .		16
52	Mobile application usage prediction through context-based learning. Journal of Ambient Intelligence and Smart Environments, 2013, 5, 213-235.	0.8	9
53	Discovering and Characterizing Places of Interest Using Flickr and Twitter. International Journal on Semantic Web and Information Systems, 2013, 9, 77-104.	2.2	12
54	Adaptive Application Configuration and Distribution in Mobile Cloudlet Middleware. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 178-191.	0.2	4

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55	Using social media to find places of interest. , 2012, , .		16
56	i-ADHoRe 3.0â€”fast and sensitive detection of genomic homology in extremely large data sets. Nucleic Acids Research, 2012, 40, e11-e11.	6.5	192
57	Multiagent-Based Data Fusion in Environmental Monitoring Networks. International Journal of Distributed Sensor Networks, 2012, 8, 324935.	1.3	10
58	Detecting Places of Interest Using Social Media. , 2012, , .		12
59	Resilient network dimensioning for optical grid/clouds using relocation. , 2012, , .		19
60	Feature placement algorithms for high-variability applications in cloud environments. , 2012, , .		12
61	Cross-layer reduction of wireless network card idle time to optimize energy consumption of pull thin client protocols. Journal of Communications and Networks, 2012, 14, 75-90.	1.8	1
62	Optimized mobile thin clients through a MPEG-4 BiFS semantic remote display framework. Multimedia Tools and Applications, 2012, 61, 447-470.	2.6	2
63	Efficient resource management for virtual desktop cloud computing. Journal of Supercomputing, 2012, 62, 741-767.	2.4	38
64	Online execution time prediction for computationally intensive applications with periodic progress updates. Journal of Supercomputing, 2012, 62, 768-786.	2.4	7
65	Georeferencing Flickr photos using language models at different levels of granularity: An evidence based approach. Web Semantics, 2012, 16, 17-31.	2.2	7
66	Cloudlets. , 2012, , .		272
67	Novel Applications Integrate Location and Context Information. IEEE Pervasive Computing, 2012, 11, 64-73.	1.1	18
68	A component-based approach towards mobile distributed and collaborative PTAM. , 2012, , .		1
69	Automatic fine-grained area detection for thin client systems. Journal of Network and Computer Applications, 2012, 35, 1620-1632.	5.8	5
70	AIOLOS: Middleware for improving mobile application performance through cyber foraging. Journal of Systems and Software, 2012, 85, 2629-2639.	3.3	73
71	Developing and managing customizable Software as a Service using feature model conversion. , 2012, , .		15
72	Performance Characterization of Game Recommendation Algorithms on Online Social Network Sites. Journal of Computer Science and Technology, 2012, 27, 611-623.	0.9	1

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73	Hybrid reasoning technique for improving context-aware applications. Knowledge and Information Systems, 2012, 31, 581-616.	2.1	18
74	Optical Networks for Grid and Cloud Computing Applications. Proceedings of the IEEE, 2012, 100, 1149-1167.	16.4	141
75	Delivering scalable video with QoS to the home. Telecommunication Systems, 2012, 49, 129-148.	1.6	22
76	Optimizing User Quality of Experience through Overlay Routing, Bandwidth Management and Dynamic Trans-Coding. , 2012, , 160-180.		0
77	The Environmental Footprint of Data Centers: The Influence of Server Renewal Rates on the Overall Footprint. Lecture Notes in Electrical Engineering, 2012, , 823-831.	0.3	1
78	Calculating the Minimum Bounds of Energy Consumption for Cloud Networks. , 2011, , .		11
79	On the ability of consumer electronics microphones for environmental noise monitoring. Journal of Environmental Monitoring, 2011, 13, 544-552.	2.1	38
80	Design and evaluation of a hierarchical application placement algorithm in large scale clouds. , 2011, , .		19
81	Improving energy efficiency in optical cloud networks by exploiting anycast routing. Proceedings of SPIE, 2011, , .	0.8	15
82	Large-scale Performance Evaluation of e-Homecare Architectures Using the WS-NS Simulator. Methods of Information in Medicine, 2011, 50, 408-419.	0.7	2
83	Context-Aware Scheduling of Distributed DL-Reasoning Tasks in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2011, 7, 521810.	1.3	3
84	An autonomous service-platform to support distributed ontology-based context-aware agents. Expert Systems, 2011, 28, no-no.	2.9	4
85	Dynamic deployment and quality adaptation for mobile augmented reality applications. Journal of Systems and Software, 2011, 84, 1871-1882.	3.3	33
86	Model for power consumption of wireless access networks. IET Science, Measurement and Technology, 2011, 5, 155.	0.9	22
87	Remote Display Solutions for Mobile Cloud Computing. Computer, 2011, 44, 46-53.	1.2	60
88	Network-aware service placement and selection algorithms on large-scale overlay networks. Computer Communications, 2011, 34, 1777-1787.	3.1	10
89	Design of distributed microcell-based MMOC hosting platforms: impact study of dynamic relocations. Cluster Computing, 2011, 14, 145-163.	3.5	5
90	Providing resiliency for optical grids by exploiting relocation: A dimensioning study based on ILP. Computer Communications, 2011, 34, 1389-1398.	3.1	18

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91	Grid design for mobile thin client computing. Future Generation Computer Systems, 2011, 27, 681-693.	4.9	16
92	Cooperative caching versus proactive replication for location dependent request patterns. Journal of Network and Computer Applications, 2011, 34, 562-574.	5.8	5
93	Efficient data integration in the railway domain through an ontology-based methodology. Transportation Research Part C: Emerging Technologies, 2011, 19, 617-643.	3.9	32
94	Finding locations of flickr resources using language models and similarity search. , 2011, , .		45
95	Survivable Optical Grid Dimensioning: Anycast Routing with Server and Network Failure Protection. , 2011, , .		20
96	A greedy, graph-based algorithm for the alignment of multiple homologous gene lists. Bioinformatics, 2011, 27, 749-756.	1.8	24
97	Transparent resource sharing framework for internet services on handheld devices. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 419-432.	1.6	3
98	Power efficiency of thin clients. European Transactions on Telecommunications, 2010, 21, 479-490.	1.2	12
99	SALSA: QoS-aware load balancing for autonomous service brokering. Journal of Systems and Software, 2010, 83, 446-456.	3.3	19
100	Interest based selection of user generated content for rich communication services. Journal of Network and Computer Applications, 2010, 33, 84-97.	5.8	13
101	SCTP for robust and flexible IP anycast services. Computer Communications, 2010, 33, 365-371.	3.1	1
102	Analysis of an anycast based overlay system for scalable service discovery and execution. Computer Networks, 2010, 54, 97-111.	3.2	7
103	Towards automated georeferencing of Flickr photos. , 2010, , .		17
104	WEB SERVICE CHOREOGRAPHY CONFORMANCE VERIFICATION THROUGH THE piX-MODEL. International Journal of Cooperative Information Systems, 2010, 19, 1-30.	0.6	1
105	Design and implementation of a secure and user-friendly broker platform supporting the end-to-end provisioning of e-homecare services. Journal of Telemedicine and Telecare, 2010, 16, 42-47.	1.4	15
106	Mean Field Calculation for Optical Grid Dimensioning. Journal of Optical Communications and Networking, 2010, 2, 355.	3.3	5
107	Cross-Layer Optimization of Radio Sleep Intervals to Increase Thin Client Energy Efficiency. IEEE Communications Letters, 2010, 14, 1095-1097.	2.5	9
108	On the impact of relocation on network dimensions in resilient optical Grids.. , 2010, , .		10

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109	Towards a deployment tool for wireless access networks with minimal power consumption. , 2010, , .		7
110	Optimizing User Quality of Experience through Overlay Routing, Bandwidth Management and Dynamic Trans-Coding. International Journal of Adaptive Resilient and Autonomic Systems, 2010, 1, 64-85.	0.3	4
111	Energy Efficiency in Thin Client Solutions. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 109-116.	0.2	5
112	Exploiting relocation to reduce network dimensions of resilient optical grids. , 2009, , .		17
113	Autonomic service hosting for large-scale distributed MOVE-services. , 2009, , .		0
114	Message Correlation in Web Services Choreographies: A 4-phase Validation Method. , 2009, , .		0
115	MobiThin management framework. , 2009, , .		1
116	Server placement and path selection for QoS-enabled overlay networks. European Transactions on Telecommunications, 2009, 20, 247-263.	1.2	1
117	On dimensioning optical grids and the impact of scheduling. Photonic Network Communications, 2009, 17, 255-265.	1.4	28
118	Performance analysis and dimensioning of multi-granular optical networks. Optical Switching and Networking, 2009, 6, 88-98.	1.2	8
119	Multi-cost job routing and scheduling in Grid networks. Future Generation Computer Systems, 2009, 25, 912-925.	4.9	30
120	Autonomic microcell assignment in massively distributed online virtual environments. Journal of Network and Computer Applications, 2009, 32, 1242-1256.	5.8	16
121	An autonomic architecture for optimizing QoE in multimedia access networks. Computer Networks, 2009, 53, 1587-1602.	3.2	41
122	A latency-aware algorithm for dynamic service placement in large-scale overlays. , 2009, , .		13
123	Multi-Granular Optical Cross-Connect: Design, Analysis, and Demonstration. Journal of Optical Communications and Networking, 2009, 1, 69.	3.3	52
124	Automatic WS-BPEL Composition of Medical Support Services in the ICU. , 2009, , .		1
125	Adaptive Task Checkpointing and Replication: Toward Efficient Fault-Tolerant Grids. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 180-190.	4.0	68
126	Cost-Effective Burst-Over-Circuit-Switching in a Hybrid Optical Network. , 2009, , .		1

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127	Adaptive checkpointing in dynamic grids for uncertain job durations. , 2009, , .		3
128	Dynamic QoE optimisation for streaming content in large-scale future networks. , 2009, , .		2
129	Automated Instantiation and Extraction of Web Service Choreographies. , 2009, , .		1
130	Adaptation Strategies for Performance Failure Avoidance. , 2009, , .		2
131	Caching Strategy for Scalable Lookup of Personal Content. , 2009, , .		2
132	Self management of a mobile thin client service. , 2009, , .		0
133	Efficient packet classification on network processors. International Journal of Communication Systems, 2008, 21, 51-72.	1.6	3
134	Proxy caching algorithms and implementation for time-shifted TV services. European Transactions on Telecommunications, 2008, 19, 111-122.	1.2	3
135	Gridification of collaborative audiovisual organizations through the MediaGrid framework. Future Generation Computer Systems, 2008, 24, 371-389.	4.9	7
136	Scalable dimensioning of resilient Lambda Grids. Future Generation Computer Systems, 2008, 24, 549-560.	4.9	12
137	Design of a JAIN SLEE/ESB-based platform for routing medical data in the ICU. Computer Methods and Programs in Biomedicine, 2008, 91, 265-277.	2.6	12
138	Worldwide energy needs for ICT: The rise of power-aware networking. , 2008, , .		204
139	Design and implementation of a hybrid remote display protocol to optimize multimedia experience on thin client devices. , 2008, , .		42
140	End-to-end QoE Optimization Through Overlay Network Deployment. Information Networking. 2008 ICOIN 2008 International Conference on, 2008, , .	0.0	24
141	Automated Deployment of Distributed Software Components with Fault Tolerance Guarantees. , 2008, , .		6
142	Design for a Generic Knowledge Base for Autonomic QoE Optimization in Multimedia Access Networks. , 2008, , .		13
143	Optimizing user QoE through overlay routing, bandwidth management and dynamic transcoding. , 2008, , .		3
144	Interest Based Selection of User Generated Content for Rich Multimedia Services. , 2008, , .		1

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145	Towards Efficient Service Placement and Server Selection for Large-Scale Deployments. , 2008, , .		12
146	Efficient Management of User Interests for Personalized Communication Services. , 2008, , .		2
147	Service-oriented Subscription Management of Medical Decision Data in the Intensive Care Unit. Methods of Information in Medicine, 2008, 47, 364-380.	0.7	14
148	Achieving Network Efficient Stateful Anycast Communications. Lecture Notes in Computer Science, 2008, , 492-502.	1.0	1
149	Automated Generation of Knowledge Plane Components for Multimedia Access Networks. Lecture Notes in Computer Science, 2008, , 50-61.	1.0	1
150	Dynamic Overlay Node Activation Algorithms for Large-Scale Service Deployments. Lecture Notes in Computer Science, 2008, , 14-27.	1.0	2
151	ASTAS: Architecture for scalable and transparent anycast services. Journal of Communications and Networks, 2007, 9, 457-465.	1.8	10
152	Web Service Choreography Conformance Verification in M2M Systems through the piX-model. , 2007, , .		2
153	Runtime Deployment Adaptation for Resource Constrained Devices. , 2007, , .		1
154	Design of the pCASE Platform for enabling Context Aware Services. , 2007, , .		1
155	Dynamic Selection of Interactive eHomeCare Services. , 2007, , .		1
156	Design and control of optical grid networks. , 2007, , .		15
157	Erlang Reduced Load Model for Optical Burst Switched Grids. , 2007, , .		6
158	Ontology-driven middleware for next-generation train backbones. Science of Computer Programming, 2007, 66, 4-24.	1.5	8
159	HFC Access Network Design for Switched Broadcast TV Services. IEEE Transactions on Broadcasting, 2007, 53, 588-594.	2.5	21
160	Dimensioning and on-line scheduling in Lambda Grids using divisible load concepts. Journal of Supercomputing, 2007, 42, 59-82.	2.4	9
161	Impact of the access network topology on the handoff performance. Wireless Networks, 2007, 13, 203-220.	2.0	3
162	Design and analysis of a stable set-up protocol for transcoding multicast trees in active networks. Journal of Network and Computer Applications, 2007, 30, 1428-1444.	5.8	0

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163	Optimization Models for Application Migration to Support Mobile Thin Clients. Lecture Notes in Computer Science, 2007, , 255-270.	1.0	3
164	Towards Transparent Personal Content Storage in Multi-service Access Networks. Lecture Notes in Computer Science, 2007, , 479-492.	1.0	0
165	Deploying Digital Media Libraries in Multi-Service Access Networks. , 2006, , .		1
166	Distributed Job Scheduling based on Multiple Constraints Anycast Routing. , 2006, , .		5
167	CAM02-4: Online Management of QoS Enabled Overlay Multicast Services. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4
168	ISE01-2: J2EE-based Middleware for Low Latency Service Enabling Platforms. , 2006, , .		4
169	Distributed virtual experiments in water quality management. Water Science and Technology, 2006, 53, 297-305.	1.2	10
170	Replica placement in ring based content delivery networks. Computer Communications, 2006, 29, 3313-3326.	3.1	37
171	Design of Optical Content Distribution Networks for Video on Demand Services. Photonic Network Communications, 2006, 11, 253-263.	1.4	1
172	Scalable dimensioning of optical transport networks for grid excess load handling. Photonic Network Communications, 2006, 12, 117-132.	1.4	4
173	Flexible Grid service management through resource partitioning. Journal of Supercomputing, 2006, 38, 279-305.	2.4	2
174	Virtual Private Ad Hoc Networking. Wireless Personal Communications, 2006, 38, 125-141.	1.8	17
175	Analysis of decentralized resource and service discovery mechanisms in wireless multi-hop networks. Computer Communications, 2006, 29, 2710-2720.	3.1	4
176	Optimizing multimedia transcoding multicast trees. Computer Networks, 2006, 50, 29-45.	3.2	3
177	Q-MEHROM: Mobility support and resource reservations for mobile senders and receivers. Computer Networks, 2006, 50, 1158-1175.	3.2	3
178	Performance evaluation of a framework to support path changes in IP-based access networks. , 2006, , .		0
179	A platform for dynamic microcell redeployment in massively multiplayer online games. , 2006, , .		14
180	Anycast Routing Algorithms for Effective Job Scheduling in Optical Grids. , 2006, , .		11

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181	Co-operative Proxy Caching Algorithms for Time-Shifted IPTV Services. , 2006, , .		23
182	Optimizing content distribution through adaptive distributed caching. Computer Communications, 2005, 28, 640-653.	3.1	5
183	FAMOUS: A Network Architecture for Delivering Multimedia Services to FAST MOving USers. Wireless Personal Communications, 2005, 33, 281-304.	1.8	39
184	Impact of Link State Changes and Inaccurate Link State Information on Mobility Support and Resource Reservations. Lecture Notes in Computer Science, 2005, , 1-11.	1.0	0
185	Computational Complexity and Distributed Execution in Water Quality Management. Lecture Notes in Computer Science, 2005, , 1116-1119.	1.0	0
186	Dynamic microcell assignment for massively multiplayer online gaming. , 2005, , .		57
187	Maximum Throughput and Minimum Delay in IEEE 802.15.4. Lecture Notes in Computer Science, 2005, , 866-876.	1.0	31
188	Automatic inclusion of middleware performance attributes into architectural UML software models. IEEE Transactions on Software Engineering, 2005, 31, 695-711.	4.3	34
189	Q-MEHROM: Mobility Support and Resource Reservations for Mobile Hosts in IP Access Networks. Lecture Notes in Computer Science, 2005, , 495-508.	1.0	3
190	Optimization Models for Designing Aggregation Networks to Support Fast Moving Users. Lecture Notes in Computer Science, 2005, , 66-81.	1.0	8
191	Resource Partitioning Algorithms in a Programmable Service Grid Architecture. Lecture Notes in Computer Science, 2005, , 250-258.	1.0	0
192	Incorporating SPE into MDA. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 120-124.	0.5	2
193	End-to-End QoS Resource Management for an IP-Based DWDM Access Network. Journal of Lightwave Technology, 2004, 22, 2592-2605.	2.7	1
194	Application-Specific Hints in Reconfigurable Grid Scheduling Algorithms. Lecture Notes in Computer Science, 2004, , 149-157.	1.0	1
195	On the Construction of QoS Enabled Overlay Networks. Lecture Notes in Computer Science, 2004, , 164-173.	1.0	16
196	A TCP Protocol Booster for Wireless Networks. Lecture Notes in Computer Science, 2004, , 175-184.	1.0	1
197	<title>MT-compatible red VCSEL module for parallel optical interconnections</title>. , 2000, 3952, 134.		0
198	MT-compatible connectorisation of VCSEL and RCLED arrays to plastic optical fibre ribbon for low cost parallel datalinks. Materials Science in Semiconductor Processing, 2000, 3, 475-480.	1.9	2

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199	Microcavity LED-based parallel data link using small-diameter (125 μ m) plastic optical fibres. Journal of Optics, 1999, 1, 233-236.	1.5	6
200	Realization and characterization of 8 μ m resonant cavity LED arrays mounted onto CMOS drivers for POF-based interchip interconnections. IEEE Journal of Selected Topics in Quantum Electronics, 1999, 5, 224-235.	1.9	27
201	Detailed study of AlAs-oxidized apertures in VCSEL cavities for optimized modal performance. IEEE Journal of Quantum Electronics, 1999, 35, 358-367.	1.0	40
202	Resonant cavity LED's optimized for coupling to polymer optical fibers. IEEE Photonics Technology Letters, 1999, 11, 158-160.	1.3	16
203	Simulation results of transverse-optical confinement in airpost, regrown, and oxidized vertical-cavity surface-emitting laser structures. Journal of the Optical Society of America B: Optical Physics, 1999, 16, 2055.	0.9	6
204	<title>Realization of highly efficient and high-speed resonant cavity LED for coupling to plastic optical fibers</title>. , 1999, , .		1
205	First demonstration of highly reflective and highly polarization selective diffraction gratings (GIRO-gratings) for long-wavelength VCSELs. IEEE Photonics Technology Letters, 1998, 10, 1205-1207.	1.3	58
206	Technologies for optical interconnects between CMOS ICs. , 1998, 3490, 546.		4
207	Microcavity LED-based parallel data link using small-diameter (125- $\hat{1}$ / ₄ m) plastic optical fibers. , 1998, , .		2
208	<title>Emitters for optical interconnection</title>. , 1996, , .		0
209	Experimental characterization of reactive ion etched germanium diffraction gratings at 10.6 $\hat{1}$ / ₄ m. Applied Physics Letters, 1996, 69, 3453-3455.	1.5	3
210	Monolithic integration of diffractive lenses with LED-arrays for board-to-board free space optical interconnect. Journal of Lightwave Technology, 1995, 13, 1065-1073.	2.7	13
211	Optical free-space board-to-board interconnect: options for optical pathways. Applied Optics, 1992, 31, 5508.	2.1	15
212	Discovering and Characterizing Places of Interest Using Flickr and Twitter. , 0, , 393-420.		0