

Piet Demeester

List of Publications by Year in descending order

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356
papers

6,929
citations

182225

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h-index

129628

63
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365
all docs

365
docs citations

365
times ranked

7062
citing authors

#	ARTICLE	IF	CITATIONS
1	Air-Filled SIW Remote Antenna Unit With True Time Delay Optical Beamforming for mmWave-Over-Fiber Systems. <i>Journal of Lightwave Technology</i> , 2022, 40, 6961-6975.	2.7	6
2	mmWave-over-Fiber Distributed Antenna Systems for Reliable multi-Gbps Wireless Communication. , 2022, , .		4
3	SiGe EAM-Based Transceivers for Datacenter Interconnects and Radio Over Fiber. <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , 2021, 27, 1-13.	1.9	3
4	Low Power All-Digital Radio-Over-Fiber Transmission for 28-GHz Band Using Parallel Electro-Absorption Modulators. <i>Journal of Lightwave Technology</i> , 2021, 39, 1125-1131.	2.7	4
5	SiPhotonics/GaAs 28-GHz Transceiver With Reflective EAM for Laser-Less mmWave-Over-Fiber. <i>Journal of Lightwave Technology</i> , 2021, 39, 779-786.	2.7	10
6	Spatial Correlation in Indoor Massive MIMO: Measurements and Ray Tracing. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021, 20, 903-907.	2.4	4
7	60 GHz Resonant Photoreceiver With an Integrated SiGe HBT Amplifier for Low Cost Analog Radio-Over-Fiber Links. <i>Journal of Lightwave Technology</i> , 2021, 39, 5307-5313.	2.7	4
8	A Bit-Interleaved Sigma-Delta-Over-Fiber Fronthaul Network for Frequency-Synchronous Distributed Antenna Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11471.	1.3	2
9	Real-Time 100-GS/s Sigma-Delta Modulator for All-Digital Radio-Over-Fiber Transmission. <i>Journal of Lightwave Technology</i> , 2020, 38, 386-393.	2.7	35
10	Distributed Multi-User MIMO Transmission Using Real-Time Sigma-Delta-Over-Fiber for Next Generation Fronthaul Interface. <i>Journal of Lightwave Technology</i> , 2020, 38, 705-713.	2.7	19
11	VNF Performance modelling: From stand-alone to chained topologies. <i>Computer Networks</i> , 2020, 181, 107428.	3.2	8
12	Analog I/Q FIR Filter in 55-nm SiGe BiCMOS for 16-QAM Optical Communications at 112 Gb/s. <i>IEEE Journal of Solid-State Circuits</i> , 2020, 55, 1935-1945.	3.5	18
13	Massive MIMO Propagation Modeling With User-Induced Coupling Effects Using Ray-Tracing and FDTD. <i>IEEE Journal on Selected Areas in Communications</i> , 2020, 38, 1955-1963.	9.7	16
14	Distributed Antenna System Using Sigma-Delta Intermediate-Frequency-Over-Fiber for Frequency Bands Above 24ÅGHz. <i>Journal of Lightwave Technology</i> , 2020, 38, 2765-2773.	2.7	22
15	Optimized Sampling Strategies to Model the Performance of Virtualized Network Functions. <i>Journal of Network and Systems Management</i> , 2020, 28, 1482-1521.	3.3	9
16	60 GHz Resonant Photoreceiver with an Integrated SiGe HBT Amplifier for Analog Radio-over-Fiber Links. , 2020, , .		0
17	Demonstration of a Scalable Distributed Antenna System Using Real-Time Bit-Interleaved Sigma-Delta-over-Fiber Architectures. , 2020, , .		0
18	A 21-GS/s Single-Bit Second-Order Deltaâ€“Sigma Modulator for FPGAs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019, 66, 482-486.	2.2	28

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19	Passive Opto-Antenna using Air-Filled Substrate-Integrated-Waveguide Technology. , 2019, , .		0
20	Hybrid Ray-Tracing/FDTD Method for Human Exposure Evaluation of a Massive MIMO Technology in an Industrial Indoor Environment. IEEE Access, 2019, 7, 21020-21031.	2.6	31
21	Profile-Based Resource Allocation for Virtualized Network Functions. IEEE Transactions on Network and Service Management, 2019, 16, 1374-1388.	3.2	30
22	STATISTICAL APPROACH FOR HUMAN ELECTROMAGNETIC EXPOSURE ASSESSMENT IN FUTURE WIRELESS ATTO-CELL NETWORKS. Radiation Protection Dosimetry, 2019, 183, 326-331.	0.4	7
23	ATTO: Wireless Networking at Fiber Speed. Journal of Lightwave Technology, 2018, 36, 1468-1477.	2.7	23
24	Introducing Development Features for Virtualized Network Services. IEEE Communications Magazine, 2018, 56, 184-192.	4.9	18
25	All-optical tree-based greedy router using optical logic gates and optical flip-flops. Photonic Network Communications, 2018, 35, 109-121.	1.4	2
26	Real-Time 4×3.5 Gbps Sigma Delta Radio-over-Fiber for a Low-Cost 5G C-RAN Downlink. , 2018, , .		10
27	Self-Interference Cancellation Enabling High-Throughput Short-Reach Wireless Full-Duplex Communication. IEEE Transactions on Wireless Communications, 2018, 17, 6475-6486.	6.1	32
28	Passive Opto-Antenna as Downlink Remote Antenna Unit for Radio Frequency Over Fiber. Journal of Lightwave Technology, 2018, 36, 4445-4459.	2.7	12
29	A Cytoscape app for motif enumeration with ISMAGS. Bioinformatics, 2017, 33, 461-463.	1.8	22
30	Automated monitoring and detection of resource-limited NFV-based services. , 2017, , .		3
31	Comparison Between Analog Radio-Over-Fiber and Sigma Delta Modulated Radio-Over-Fiber. IEEE Photonics Technology Letters, 2017, 29, 1808-1811.	1.3	81
32	Real-time all-digital radio-over-fiber LTE transmission. , 2017, , .		4
33	Bindings and RESTlets: A Novel Set of CoAP-Based Application Enablers to Build IoT Applications. Sensors, 2016, 16, 1217.	2.1	6
34	Threefold Rotationally Symmetric SIW Antenna Array for Ultra-Short-Range MIMO Communication. IEEE Transactions on Antennas and Propagation, 2016, 64, 1689-1699.	3.1	27
35	Observing CoAP groups efficiently. Ad Hoc Networks, 2016, 37, 368-388.	3.4	17
36	Pathway Relevance Ranking for Tumor Samples through Network-Based Data Integration. PLoS ONE, 2015, 10, e0133503.	1.1	24

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37	Future internets escape the simulator. <i>Communications of the ACM</i> , 2015, 58, 78-89.	3.3	16
38	Analysis of resource sharing in transparent networks. <i>Telecommunication Systems</i> , 2015, 60, 503-513.	1.6	0
39	A Green Open Access Optical Distribution Network with Incremental Deployment Support. <i>Journal of Lightwave Technology</i> , 2015, 33, 4079-4092.	2.7	4
40	Delay models in ethernet long-reach passive optical networks. , 2015, , .		9
41	Pseudo-3D RSSI-based WSN localization algorithm using linear regression. <i>Wireless Communications and Mobile Computing</i> , 2015, 15, 1342-1354.	0.8	9
42	Experimental validation of resilient tree-based greedy geometric routing. <i>Computer Networks</i> , 2015, 82, 156-171.	3.2	13
43	Synergized-Adaptive Multi-GATE Polling With Void Filling: Overcoming Performance Degradation in LR-PONs. <i>Journal of Optical Communications and Networking</i> , 2015, 7, 837.	3.3	5
44	Energy efficient DBA algorithms for TWDM-PONs. , 2015, , .		4
45	Radio-over-fibre for ultra-small 5G cells. , 2015, , .		22
46	Energy efficient dynamic bandwidth allocation for Ethernet passive optical networks: Overview, challenges, and solutions. <i>Optical Switching and Networking</i> , 2015, 18, 169-179.	1.2	25
47	Experimental validation of a reinforcement learning based approach for a service-wise optimisation of heterogeneous wireless sensor networks. <i>Wireless Networks</i> , 2015, 21, 931-948.	2.0	10
48	Implementing Quality of Service for the Software Defined Networking Enabled Future Internet. , 2014, , .		39
49	Subjective Quality Assessment of Longer Duration Video Sequences Delivered Over HTTP Adaptive Streaming to Tablet Devices. <i>IEEE Transactions on Broadcasting</i> , 2014, 60, 707-714.	2.5	52
50	Flexible, Direct Interactions between CoAP-enabled IoT Devices. , 2014, , .		2
51	snapMac: A generic MAC/PHY architecture enabling flexible MAC design. <i>Ad Hoc Networks</i> , 2014, 17, 37-59.	3.4	11
52	A reinforcement learning based solution for cognitive network cooperation between co-located, heterogeneous wireless sensor networks. <i>Ad Hoc Networks</i> , 2014, 17, 98-113.	3.4	37
53	Real Options in Telecom Infrastructure Projects – A Tutorial. <i>IEEE Communications Surveys and Tutorials</i> , 2014, 16, 1157-1173.	24.8	15
54	The fluid internet: service-centric management of a virtualized future internet. , 2014, 52, 140-148.		16

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55	Simple RESTful sensor application development model using CoAP. , 2014, , .		3
56	User subscription-based resource management for Desktop-as-a-Service platforms. Journal of Supercomputing, 2014, 69, 412-428.	2.4	5
57	Coping with Network Dynamics Using Reinforcement Learning Based Network Optimization in Wireless Sensor Networks. Wireless Personal Communications, 2014, 76, 169.	1.8	0
58	Demonstrating resilient quality of service in Software Defined Networking. , 2014, , .		12
59	Trends in worldwide ICT electricity consumption from 2007 to 2012. Computer Communications, 2014, 50, 64-76.	3.1	385
60	Enabling the web of things: facilitating deployment, discovery and resource access to IoT objects using embedded web services. International Journal of Web and Grid Services, 2014, 10, 218.	0.4	6
61	Facilitating the creation of IoT applications through conditional observations in CoAP. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	1.5	30
62	Flexible TDMA/WDMA passive optical network: Energy efficient next-generation optical access solution. Optical Switching and Networking, 2013, 10, 491-506.	1.2	31
63	Automatic configuration of routing control platforms in OpenFlow networks. , 2013, , .		7
64	Speeding up Martinsâ€™ algorithm for multiple objective shortest path problems. 4or, 2013, 11, 323-348.	1.0	22
65	Network virtualization as an integrated solution for emergency communication. Telecommunication Systems, 2013, 52, 1859-1876.	1.6	6
66	QoS Challenges in Wireless Sensor Networked Robotics. Wireless Personal Communications, 2013, 70, 1059-1075.	1.8	18
67	Link failure recovery technique for greedy routing in the hyperbolic plane. Computer Communications, 2013, 36, 698-707.	3.1	13
68	Novel hybrid WDM/TDM PON architectures to manage flexibility in optical access networks. Telecommunication Systems, 2013, 54, 147-165.	1.6	5
69	An LSPI Based Reinforcement Learning Approach to Enable Network Cooperation in Cognitive Wireless Sensor Network. , 2013, , .		1
70	Automatic bootstrapping of OpenFlow networks. , 2013, , .		24
71	OpenFlow: Meeting carrier-grade recovery requirements. Computer Communications, 2013, 36, 656-665.	3.1	172
72	Energy-Efficient Traffic Engineering. Optical Networks Series, 2013, , 199-222.	1.1	0

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73	Dynamic Bandwidth Allocation With SLA Awareness for QoS in Ethernet Passive Optical Networks. Journal of Optical Communications and Networking, 2013, 5, 240.	3.3	44
74	Valuing Flexibility in the Migration to Flexible-Grid Networks [Invited]. Journal of Optical Communications and Networking, 2013, 5, A184.	3.3	2
75	EPSILON: an eQTL prioritization framework using similarity measures derived from local networks. Bioinformatics, 2013, 29, 1308-1316.	1.8	9
76	High definition H.264/AVC subjective video database for evaluating the influence of slice losses on quality perception. , 2013, , .		4
77	Group Communication in Constrained Environments Using CoAP-based Entities. , 2013, , .		8
78	Constructing a No-Reference H.264/AVC Bitstream-Based Video Quality Metric Using Genetic Programming-Based Symbolic Regression. IEEE Transactions on Circuits and Systems for Video Technology, 2013, 23, 1322-1333.	5.6	40
79	Mobile application usage prediction through context-based learning. Journal of Ambient Intelligence and Smart Environments, 2013, 5, 213-235.	0.8	9
80	The Index-Based Subgraph Matching Algorithm (ISMA): Fast Subgraph Enumeration in Large Networks Using Optimized Search Trees. PLoS ONE, 2013, 8, e61183.	1.1	17
81	Coexistence Aware Clear Channel Assessment. Lecture Notes in Computer Science, 2013, , 165-178.	1.0	3
82	i-ADHoRe 3.0"fast and sensitive detection of genomic homology in extremely large data sets. Nucleic Acids Research, 2012, 40, e11-e11.	6.5	192
83	ONU power saving modes in next generation optical access networks: progress, efficiency and challenges. Optics Express, 2012, 20, B52.	1.7	51
84	Introduction: ECOC 2012 in Amsterdam. Optics Express, 2012, 20, B630.	1.7	0
85	On the benefits of backup resource sharing in transparent and opaque networks. , 2012, , .		0
86	Efficiently Observing Internet of Things Resources. , 2012, , .		6
87	Measurement-based research. Computer Communication Review, 2012, 42, 62-68.	1.5	28
88	Evaluation of ONU Power Saving Modes in Next Generation Optical Access Networks. , 2012, , .		10
89	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
90	Assessing the importance of audio/video synchronization for simultaneous translation of video sequences. Multimedia Systems, 2012, 18, 445-457.	3.0	10

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91	Efficient resource management for virtual desktop cloud computing. Journal of Supercomputing, 2012, 62, 741-767.	2.4	38
92	Online execution time prediction for computationally intensive applications with periodic progress updates. Journal of Supercomputing, 2012, 62, 768-786.	2.4	7
93	Facilitating Sensor Deployment, Discovery and Resource Access Using Embedded Web Services. , 2012, , .		18
94	Comparing objective visual quality impairment detection in 2D and 3D video sequences. , 2012, , .		1
95	Energy efficient dynamic bandwidth allocation for Ethernet passive optical networks. , 2012, , .		3
96	Novel Applications Integrate Location and Context Information. IEEE Pervasive Computing, 2012, 11, 64-73.	1.1	18
97	No-reference bitstream-based impairment detection for high efficiency video coding. , 2012, , .		13
98	Internet of Things Virtual Networks: Bringing Network Virtualization to Resource-Constrained Devices. , 2012, , .		39
99	Using an analytical power model to survey power saving approaches in backbone networks. , 2012, , .		7
100	The History of WiMAX: A Complete Survey of the Evolution in Certification and Standardization for IEEE 802.16 and WiMAX. IEEE Communications Surveys and Tutorials, 2012, 14, 1183-1211.	24.8	57
101	A novel network architecture for train-to-wayside communication with quality of service over heterogeneous wireless networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	13
102	Adaptive routing for mobile ad hoc networks. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	5
103	Avoiding collisions between IEEE 802.11 and IEEE 802.15.4 through coexistence aware clear channel assessment. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	30
104	PluralisMAC: a generic multi-MAC framework for heterogeneous, multiservice wireless networks, applied to smart containers. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	3
105	Evaluation of the potential for energy saving in macrocell and femtocell networks using a heuristic introducing sleep modes in base stations. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	24
106	Flexible hybrid WDM/TDM PON architectures using wavelength selective switches. Optical Switching and Networking, 2012, 9, 156-169.	1.2	14
107	Automatic fine-grained area detection for thin client systems. Journal of Network and Computer Applications, 2012, 35, 1620-1632.	5.8	5
108	Trade-off between end-to-end reliable and cost-effective TDMA/WDM Passive Optical Networks. , 2012, , .		1

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109	Wavelength switched hybrid TDMA/WDM (TWDM) PON: A flexible next-generation optical access solution. , 2012, , .		15
110	Vehicular ad hoc networking based on the incorporation of geographical information in the IPv6 header. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	3
111	Power consumption modeling in optical multilayer networks. Photonic Network Communications, 2012, 24, 86-102.	1.4	199
112	Prediction-based routing as RWA in multilayer traffic engineering. Photonic Network Communications, 2012, 23, 172-182.	1.4	0
113	Signalling minimizing handover parameter optimization algorithm for LTE networks. Wireless Networks, 2012, 18, 295-306.	2.0	7
114	Adoption of Vehicular Ad Hoc Networking Protocols by Networked Robots. Wireless Personal Communications, 2012, 64, 489-522.	1.8	8
115	Performance Characterization of Game Recommendation Algorithms on Online Social Network Sites. Journal of Computer Science and Technology, 2012, 27, 611-623.	0.9	1
116	Hybrid reasoning technique for improving context-aware applications. Knowledge and Information Systems, 2012, 31, 581-616.	2.1	18
117	A negotiation-based networking methodology to enable cooperation across heterogeneous co-located networks. Ad Hoc Networks, 2012, 10, 901-917.	3.4	9
118	Distributed computing for carbon footprint reduction by exploiting low-footprint energy availability. Future Generation Computer Systems, 2012, 28, 405-414.	4.9	35
119	Optical Networks for Grid and Cloud Computing Applications. Proceedings of the IEEE, 2012, 100, 1149-1167.	16.4	141
120	No-Reference Bitstream-Based Visual Quality Impairment Detection for High Definition H.264/AVC Encoded Video Sequences. IEEE Transactions on Broadcasting, 2012, 58, 187-199.	2.5	29
121	TV-kiosk: An Open and Extensible Platform for the Wellbeing of an Ageing Population. Lecture Notes in Computer Science, 2012, , 54-63.	1.0	5
122	A Demonstration of Fast Failure Recovery in Software Defined Networking. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 411-414.	0.2	12
123	Optimizing User Quality of Experience through Overlay Routing, Bandwidth Management and Dynamic Trans-Coding. , 2012, , 160-180.		0
124	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
125	Exploring a Boundary-Less Cooperation Approach for Heterogeneous Co-Located Networks. , 2011, , .		0
126	Flexibility evaluation of hybrid WDM/TDM PONs. , 2011, , .		8

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127	Calculating the Minimum Bounds of Energy Consumption for Cloud Networks. , 2011, , .		11
128	Enabling fast failure recovery in OpenFlow networks. , 2011, , .		111
129	Software defined networking: Meeting carrier grade requirements. , 2011, , .		83
130	Selecting the most suitable next-generation in-building network: From copper-based to optical solutions. , 2011, , .		2
131	Adaptive Multi-Gate polling with Void filling for long-reach passive optical networks. , 2011, , .		10
132	Context-Aware Scheduling of Distributed DL-Reasoning Tasks in Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2011, 7, 521810.	1.3	3
133	OSPF failure reconvergence through SRG inference and prediction of link state advertisements. Computer Communication Review, 2011, 41, 468-469.	1.5	0
134	An autonomous service-platform to support distributed ontology-based context-aware agents. Expert Systems, 2011, 28, no-no.	2.9	4
135	Municipal support of wireless access network rollout: A game theoretic approach. Telecommunications Policy, 2011, 35, 883-894.	2.6	8
136	Mobile TV services through IP Datacast over DVB-H: Dependability of the quality of experience on the IP-based distribution network quality of service. Journal of Network and Computer Applications, 2011, 34, 1474-1488.	5.8	6
137	Detailed Modeling of MAC Throughput and Ranges for Mobile WiMAX. IEEE Communications Letters, 2011, 15, 839-841.	2.5	2
138	Packet Loss Reduction During Rerouting. IEEE Communications Letters, 2011, 15, 1120-1122.	2.5	1
139	Remote Display Solutions for Mobile Cloud Computing. Computer, 2011, 44, 46-53.	1.2	60
140	Power consumption in telecommunication networks: overview and reduction strategies. , 2011, 49, 62-69.		172
141	Automated linear regression tools improve RSSI WSN localization in multipath indoor environment. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	38
142	Enabling direct connectivity between heterogeneous objects in the internet of things through a network-service-oriented architecture. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	36
143	An enhanced weighted performance-based handover parameter optimization algorithm for LTE networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	26
144	Design of distributed microcell-based MMOG hosting platforms: impact study of dynamic relocations. Cluster Computing, 2011, 14, 145-163.	3.5	5

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145	Multilayer traffic engineering for energy efficiency. <i>Photonic Network Communications</i> , 2011, 21, 127-140.	1.4	13
146	Logical topology design for IP rerouting: ASONs versus static OTNs. <i>Photonic Network Communications</i> , 2011, 21, 170-191.	1.4	6
147	A survey on wireless body area networks. <i>Wireless Networks</i> , 2011, 17, 1-18.	2.0	878
148	IDRA: A flexible system architecture for next generation wireless sensor networks. <i>Wireless Networks</i> , 2011, 17, 1423-1440.	2.0	18
149	Managed Ecosystems of Networked Objects. <i>Wireless Personal Communications</i> , 2011, 58, 125-143.	1.8	8
150	Non-intrusive aggregation in wireless sensor networks. <i>Ad Hoc Networks</i> , 2011, 9, 324-340.	3.4	9
151	Cooperative caching versus proactive replication for location dependent request patterns. <i>Journal of Network and Computer Applications</i> , 2011, 34, 562-574.	5.8	5
152	Can a synergetic cooperation between telecom and utility network providers lead to a faster rollout of fiber to the home networks?. , 2011, , .		0
153	Evaluation of flexibility in hybrid WDM/TDM PONs. , 2011, , .		10
154	A greedy, graph-based algorithm for the alignment of multiple homologous gene lists. <i>Bioinformatics</i> , 2011, 27, 749-756.	1.8	24
155	CyClus3D: a Cytoscape plugin for clustering network motifs in integrated networks. <i>Bioinformatics</i> , 2011, 27, 1587-1588.	1.8	13
156	Techno-economical viability of cognitive solutions for a factory scenario. , 2011, , .		10
157	Distributed Spectrum Sensing in a Cognitive Networking Testbed. <i>Lecture Notes in Computer Science</i> , 2011, , 325-326.	1.0	2
158	Architectural Trade-offs for Video Transport Networks. , 2010, , .		1
159	Interoperability Experiment of VLAN Tag Swapped Ethernet and Transmitting High Definition Video through the Layer-2 LSP between Japan and Belgium. <i>IEICE Transactions on Communications</i> , 2010, E93-B, 736-740.	0.4	0
160	Strategies and Challenges for Interconnecting Wireless Mesh and Wireless Sensor Networks. <i>Wireless Personal Communications</i> , 2010, 53, 443-463.	1.8	20
161	Assessing Quality of Experience of IPTV and Video on Demand Services in Real-Life Environments. <i>IEEE Transactions on Broadcasting</i> , 2010, 56, 458-466.	2.5	140
162	Power efficiency of thin clients. <i>European Transactions on Telecommunications</i> , 2010, 21, 479-490.	1.2	12

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163	Interest based selection of user generated content for rich communication services. Journal of Network and Computer Applications, 2010, 33, 84-97.	5.8	13
164	SCTP for robust and flexible IP anycast services. Computer Communications, 2010, 33, 365-371.	3.1	1
165	Analysis of an anycast based overlay system for scalable service discovery and execution. Computer Networks, 2010, 54, 97-111.	3.2	7
166	WEB SERVICE CHOREOGRAPHY CONFORMANCE VERIFICATION THROUGH THE piX-MODEL. International Journal of Cooperative Information Systems, 2010, 19, 1-30.	0.6	1
167	Overall ICT footprint and green communication technologies. , 2010, , .		74
168	Design and Implementation of a Generic Energy-Harvesting Framework Applied to the Evaluation of a Large-Scale Electronic Shelf-Labeling Wireless Sensor Network. Eurasip Journal on Wireless Communications and Networking, 2010, 2010, .	1.5	22
169	ViQID: A No-Reference bit stream-based visual quality impairment detector. , 2010, , .		10
170	Impact of topology on layer 2 switched QoS sensitive services. , 2010, , .		0
171	Validation of path loss by heuristic prediction tool with path loss and RSSI measurements. , 2010, , .		3
172	Energy-efficiency in telecommunications networks: Link-by-link versus end-to-end grooming. , 2010, , .		36
173	Using AR(I)MA-GARCH models for improving the IP routing table update. , 2010, , .		3
174	Automated management of network experiments and user behaviour emulation on large scale testbed facilities. , 2010, , .		2
175	Supporting Protocol-Independent Adaptive QoS in Wireless Sensor Networks. , 2010, , .		4
176	Cost comparison of different translucent optical network architectures. , 2010, , .		12
177	Cross-Layer Optimization of Radio Sleep Intervals to Increase Thin Client Energy Efficiency. IEEE Communications Letters, 2010, 14, 1095-1097.	2.5	9
178	Techno-economic feasibility study of different WDM/TDM PON architectures. , 2010, , .		10
179	The ADAMO project: Architecture to support communication for emergency services. , 2010, , .		2
180	Real-Life Performance of Protocol Combinations for Wireless Sensor Networks. , 2010, , .		9

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181	A Throughput Analysis at the MAC Layer of Mobile WiMAX. , 2010, , .		14
182	Optical networks: How much power do they consume and how can we optimize this?. , 2010, , .		13
183	Influence of Technical Improvements on the Business Case for a Mobile WiMAX Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 52-66.	0.2	3
184	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
185	A Management Framework for Automating Network Experiments and User Behaviour Emulation on Large Scale Testbed Facilities. Lecture Notes in Computer Science, 2010, , 209-210.	1.0	1
186	Modeling Market Shares of Competing (e)Care Providers. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 192-199.	0.2	1
187	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
188	Spectrum Sharing in Heterogeneous Wireless Networks: An FP7 CREW Use Case. Lecture Notes in Computer Science, 2010, , 203-204.	1.0	1
189	Design and Configuration of PCN Based Admission Control in Multimedia Aggregation Networks. , 2009, , .		8
190	Experimental characterisation of the impact of IP-based distribution network QoS on the QoE of DVB-H mobile broadcast video services. , 2009, , .		4
191	An autonomic PCN based admission control mechanism for video services in access networks. , 2009, , .		13
192	Autonomic service hosting for large-scale distributed MOVE-services. , 2009, , .		0
193	Interconnecting Wireless Sensor and Wireless Mesh Networks: Challenges and Strategies. , 2009, , .		8
194	Multipath Routing Issues in Virtual Private Ad Hoc Networks. , 2009, , .		0
195	Distributed Video Quality Monitoring. , 2009, , .		1
196	MobiThin management framework. , 2009, , .		1
197	xStreamer. , 2009, , .		14
198	Server placement and path selection for QoS-enabled overlay networks. European Transactions on Telecommunications, 2009, 20, 247-263.	1.2	1

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199	Scalable architectures for all-optical label swapping nodes. Photonic Network Communications, 2009, 17, 75-91.	1.4	0
200	Multilayer traffic engineering for multiservice environments. Photonic Network Communications, 2009, 18, 150-159.	1.4	10
201	Municipalities as a Driver for Wireless Broadband Access. Wireless Personal Communications, 2009, 49, 391-414.	1.8	6
202	Performance analysis and dimensioning of multi-granular optical networks. Optical Switching and Networking, 2009, 6, 88-98.	1.2	8
203	Autonomic microcell assignment in massively distributed online virtual environments. Journal of Network and Computer Applications, 2009, 32, 1242-1256.	5.8	16
204	An autonomic architecture for optimizing QoE in multimedia access networks. Computer Networks, 2009, 53, 1587-1602.	3.2	41
205	An Information Driven Sensornet Architecture. , 2009, , .		12
206	Energy in ICT - Trends and research directions. , 2009, , .		13
207	A latency-aware algorithm for dynamic service placement in large-scale overlays. , 2009, , .		13
208	Game-Theoretic Optimization of a Fiber-to-the-Home Municipality Network Rollout. Journal of Optical Communications and Networking, 2009, 1, 30.	3.3	21
209	Multi-Granular Optical Cross-Connect: Design, Analysis, and Demonstration. Journal of Optical Communications and Networking, 2009, 1, 69.	3.3	52
210	Adaptive Task Checkpointing and Replication: Toward Efficient Fault-Tolerant Grids. IEEE Transactions on Parallel and Distributed Systems, 2009, 20, 180-190.	4.0	68
211	Power reduction techniques in multilayer traffic engineering. , 2009, , .		20
212	Comparative Study of Peer-to-Peer Architectures for Scalable Resource Discovery. , 2009, , .		4
213	Computation of high availability connections in multidomain IP-over-WDM networks. , 2009, , .		4
214	Emulation of GMPLS-controlled Ethernet Label Switching. , 2009, , .		4
215	UIML Based Design of Multimodal Interactive Applications with Strict Synchronization Requirements.. , 2009, , .		1
216	Cost-Effective Burst-Over-Circuit-Switching in a Hybrid Optical Network. , 2009, , .		1

#	ARTICLE	IF	CITATIONS
217	Adaptive checkpointing in dynamic grids for uncertain job durations. , 2009, , .		3
218	Cost efficiency of protection in future transparent networks. , 2009, , .		3
219	Dynamic QoE optimisation for streaming content in large-scale future networks. , 2009, , .		2
220	Definition and Evaluation of Local Path Recovery Mechanisms in Wireless Sensor and Actuator Networks. , 2009, , .		0
221	Assessing the perceptual influence of H.264/SVC Signal-to-Noise Ratio and temporal scalability on full length movies. , 2009, , .		9
222	Optimizing the IP router update process with traffic-driven updates. , 2009, , .		4
223	Guest Editorial on Converged Optical Network Infrastructures in Support of Future Internet and Grid Services Special Issue. Journal of Lightwave Technology, 2009, 27, 1749-1753.	2.7	0
224	Caching Strategy for Scalable Lookup of Personal Content. , 2009, , .		2
225	Fast Failure Detection in Multipoint Networks. Lecture Notes in Computer Science, 2009, , 51-64.	1.0	2
226	On the Design of an Architecture for Partitioned Knowledge Management in Autonomic Multimedia Access and Aggregation Networks. Lecture Notes in Computer Science, 2009, , 105-110.	1.0	1
227	Self management of a mobile thin client service. , 2009, , .		0
228	Symbiotic Networks: Towards a New Level of Cooperation Between Wireless Networks. Wireless Personal Communications, 2008, 45, 479-495.	1.8	33
229	Efficient packet classification on network processors. International Journal of Communication Systems, 2008, 21, 51-72.	1.6	3
230	Proxy caching algorithms and implementation for time-shifted TV services. European Transactions on Telecommunications, 2008, 19, 111-122.	1.2	3
231	Gridification of collaborative audiovisual organizations through the MediaGrid framework. Future Generation Computer Systems, 2008, 24, 371-389.	4.9	7
232	Scalable dimensioning of resilient Lambda Grids. Future Generation Computer Systems, 2008, 24, 549-560.	4.9	12
233	Improving Reliability in Multi-hop Body Sensor Networks. , 2008, , .		47
234	Worldwide energy needs for ICT: The rise of power-aware networking. , 2008, , .		204

#	ARTICLE	IF	CITATIONS
235	Design and implementation of a hybrid remote display protocol to optimize multimedia experience on thin client devices. , 2008, , .		42
236	A cluster driven channel assignment mechanism for wireless mesh networks. , 2008, , .		5
237	Broadening the Concept of Aggregation in Wireless Sensor Networks. , 2008, , .		2
238	Ant colony optimization for the routing of jobs in optical grid networks. Journal of Optical Networking, 2008, 7, 160.	2.5	9
239	Control plane issues in multilayer traffic engineering. Journal of Optical Networking, 2008, 7, 846.	2.5	2
240	Enabling high availability over multiple optical networks. , 2008, 46, 120-126.		21
241	Adoption and Pricing: The Underestimated Elements of a Realistic IPTV Business Case. IEEE Communications Magazine, 2008, 46, 112-118.	4.9	12
242	AMoQoSA: Adaptive Modular QoS Architecture for Wireless Sensor Networks. , 2008, , .		9
243	Economic benefits of a community driven Fiber to the Home rollout. , 2008, , .		6
244	End-to-end QoE Optimization Through Overlay Network Deployment. Information Networking, 2008 ICOIN 2008 International Conference on, 2008, , .	0.0	24
245	Design for a Generic Knowledge Base for Autonomic QoE Optimization in Multimedia Access Networks. , 2008, , .		13
246	Optimizing user QoE through overlay routing, bandwidth management and dynamic transcoding. , 2008, , .		3
247	Interest Based Selection of User Generated Content for Rich Multimedia Services. , 2008, , .		1
248	FTTH deployment and its impact on network maintenance and repair costs. , 2008, , .		6
249	Survivability over multiple GMPLS domains. , 2008, , .		0
250	Design of a scalable its architecture based on IP datacast over DVB-H/SH. , 2008, , .		2
251	SCTP as mobility protocol for enhancing internet on the train. , 2008, , .		2
252	Towards Efficient Service Placement and Server Selection for Large-Scale Deployments. , 2008, , .		12

#	ARTICLE	IF	CITATIONS
253	Ontology Based and Context-Aware Hospital Nurse Call Optimization. , 2008, , .		4
254	Efficient Management of User Interests for Personalized Communication Services. , 2008, , .		2
255	Universal Modular Framework for Sensor Networks. Lecture Notes in Electrical Engineering, 2008, , 237-253.	0.3	3
256	Achieving Network Efficient Stateful Anycast Communications. Lecture Notes in Computer Science, 2008, , 492-502.	1.0	1
257	Automated Generation of Knowledge Plane Components for Multimedia Access Networks. Lecture Notes in Computer Science, 2008, , 50-61.	1.0	1
258	Dynamic Overlay Node Activation Algorithms for Large-Scale Service Deployments. Lecture Notes in Computer Science, 2008, , 14-27.	1.0	2
259	Distributed On Demand Channel Selection in Multi Channel, Multi Interface Wireless Mesh Networks. , 2007, , .		3
260	Scalable Designs for All-Optical Packet-Switching Nodes. , 2007, , .		1
261	Thorough analysis of the IPACT dynamic bandwidth allocation algorithm for EPONs. , 2007, , .		10
262	Underground Broadband: Design of a Reliable WLAN Gap Filler Solution. , 2007, , .		0
263	Analytical model for the IPACT dynamic bandwidth allocation algorithm for EPONs. Journal of Optical Networking, 2007, 6, 677.	2.5	59
264	The Need for Cooperation and Relaying in Short-Range High Path Loss Sensor Networks. , 2007, , .		59
265	Radio-over-fiber-based solution to provide broadband internet access to train passengers [Topics in Optical Communications]. , 2007, 45, 56-62.		134
266	ASTAS: Architecture for scalable and transparent anycast services. Journal of Communications and Networks, 2007, 9, 457-465.	1.8	10
267	A Low-delay Protocol for Multihop Wireless Body Area Networks. , 2007, , .		136
268	Web Service Choreography Conformance Verification in M2M Systems through the piX-model. , 2007, , .		2
269	Business scenarios for a WiMAX deployment in Belgium. , 2007, , .		11
270	A Wireless Mesh Monitoring and Planning Tool for Emergency Services. , 2007, , .		12

#	ARTICLE	IF	CITATIONS
271	Design of the pCASE Platform for enabling Context Aware Services. , 2007, , .		1
272	Design and control of optical grid networks. , 2007, , .		15
273	Advanced Multimedia Services for Fast Moving Users on Trains.. , 2007, , .		3
274	Synchronized Interactive Services for Mobile Devices over IPDC/DVB-H and UMTS. , 2007, , .		12
275	Erlang Reduced Load Model for Optical Burst Switched Grids. , 2007, , .		6
276	Efficient management of synchronised interactive services through the design of MCDP middleware. , 2007, , .		0
277	Ontology-driven middleware for next-generation train backbones. Science of Computer Programming, 2007, 66, 4-24.	1.5	8
278	HFC Access Network Design for Switched Broadcast TV Services. IEEE Transactions on Broadcasting, 2007, 53, 588-594.	2.5	21
279	Dimensioning and on-line scheduling in Lambda Grids using divisible load concepts. Journal of Supercomputing, 2007, 42, 59-82.	2.4	9
280	Impact of the access network topology on the handoff performance. Wireless Networks, 2007, 13, 203-220.	2.0	3
281	Constrained and Unconstrained overspill routing in optical networks: a detailed performance evaluation. Photonic Network Communications, 2007, 13, 227-240.	1.4	3
282	Techno-economic evaluation of the island based introduction of optical cross connects in an IP-over-WDM network. Photonic Network Communications, 2007, 13, 241-255.	1.4	0
283	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
284	Optimization Models for Application Migration to Support Mobile Thin Clients. Lecture Notes in Computer Science, 2007, , 255-270.	1.0	3
285	Cost Versus Flexibility of Different Capacity Leasing Approaches on the Optical Network Layer. , 2007, , 418-427.		5
286	MOFBAN: A Lightweight Modular Framework for Body Area Networks. Lecture Notes in Computer Science, 2007, , 610-622.	1.0	11
287	Towards Transparent Personal Content Storage in Multi-service Access Networks. Lecture Notes in Computer Science, 2007, , 479-492.	1.0	0
288	Deploying Digital Media Libraries in Multi-Service Access Networks. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
289	Distributed Job Scheduling based on Multiple Constraints Anycast Routing. , 2006, , .		5
290	CAM02-4: Online Management of QoS Enabled Overlay Multicast Services. IEEE Global Telecommunications Conference (GLOBECOM), 2006, , .	0.0	4
291	ISE01-2: J2EE-based Middleware for Low Latency Service Enabling Platforms. , 2006, , .		4
292	All-Optical Label Stripping: A Network Recovery Perspective. , 2006, , .		2
293	Replica placement in ring based content delivery networks. Computer Communications, 2006, 29, 3313-3326.	3.1	37
294	Design of Optical Content Distribution Networks for Video on Demand Services. Photonic Network Communications, 2006, 11, 253-263.	1.4	1
295	Benefits of label stripping compared to label swapping from the point of node dimensioning. Photonic Network Communications, 2006, 12, 227-244.	1.4	10
296	Scalable dimensioning of optical transport networks for grid excess load handling. Photonic Network Communications, 2006, 12, 117-132.	1.4	4
297	On Planning of Optical Networks and Representation of their Uncertain Input Parameters. Photonic Network Communications, 2006, 11, 49-64.	1.4	3
298	Flexible Grid service management through resource partitioning. Journal of Supercomputing, 2006, 38, 279-305.	2.4	2
299	Virtual Private Ad Hoc Networking. Wireless Personal Communications, 2006, 38, 125-141.	1.8	17
300	Location assisted fast vertical handover for UMTS/WLAN overlay networks. Computer Communications, 2006, 29, 2601-2611.	3.1	3
301	Optimizing multimedia transcoding multicast trees. Computer Networks, 2006, 50, 29-45.	3.2	3
302	Q-MEHROM: Mobility support and resource reservations for mobile senders and receivers. Computer Networks, 2006, 50, 1158-1175.	3.2	3
303	Optimizing Reliable Multidomain Optical Routing. , 2006, , .		0
304	Performance evaluation of a framework to support path changes in IP-based access networks. , 2006, , .		0
305	A platform for dynamic microcell redeployment in massively multiplayer online games. , 2006, , .		14
306	The Wireless Autonomous Spanning tree Protocol for Multihop Wireless Body Area Networks. , 2006, , .		42

#	ARTICLE	IF	CITATIONS
307	Anycast Routing Algorithms for Effective Job Scheduling in Optical Grids. , 2006, , .		11
308	Multilayer Traffic Engineering Performance in Overlay Networks. , 2006, , .		1
309	A Tunnel-Based QoS Management Framework for Delivering Broadband Internet on Trains. Lecture Notes in Computer Science, 2006, , 552-561.	1.0	4
310	Optimizing Routing Schemes for Fast Moving Users in MST-Based Networks. Lecture Notes in Computer Science, 2006, , 4-20.	1.0	0
311	<title>Design of a multimedia gateway for mobile devices</title>. , 2005, , .		2
312	Resilience in all-optical label switching networks: a node dimensioning point of view. , 2005, 6022, 573.		0
313	A broad view on overspill routing in optical networks: a real synthesis of packet and circuit switching?. Optical Switching and Networking, 2005, 1, 51-64.	1.2	30
314	Optimizing content distribution through adaptive distributed caching. Computer Communications, 2005, 28, 640-653.	3.1	5
315	FAMOUS: A Network Architecture for Delivering Multimedia Services to FAST MOVING USERS. Wireless Personal Communications, 2005, 33, 281-304.	1.8	39
316	Performance Evaluation of Multi-Layer Traffic Engineering Enabled IP-over-ION Networks. Photonic Network Communications, 2005, 9, 255-280.	1.4	9
317	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
318	Computational Complexity and Distributed Execution in Water Quality Management. Lecture Notes in Computer Science, 2005, , 1116-1119.	1.0	0
319	Dynamic microcell assignment for massively multiplayer online gaming. , 2005, , .		57
320	Maximum Throughput and Minimum Delay in IEEE 802.15.4. Lecture Notes in Computer Science, 2005, , 866-876.	1.0	31
321	Efficient multi-layer traffic grooming in an IP/MPLS-over-optical network. European Transactions on Telecommunications, 2005, 16, 329-347.	1.2	5
322	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
323	Optimization Models for Designing Aggregation Networks to Support Fast Moving Users. Lecture Notes in Computer Science, 2005, , 66-81.	1.0	8
324	Resource Partitioning Algorithms in a Programmable Service Grid Architecture. Lecture Notes in Computer Science, 2005, , 250-258.	1.0	0

#	ARTICLE	IF	CITATIONS
325	Aggregation Network Design for Offering Multimedia Services to Fast Moving Users. Lecture Notes in Computer Science, 2005, , 235-248.	1.0	2
326	Island-based introduction of optical cross connects in an IP-over-WDM network. , 2005, , .		0
327	Routing Strategies to Minimize Packet Loss in an Optical Packet Switched Network with Recirculating FDL Buffers. Photonic Network Communications, 2004, 7, 279-300.	1.4	2
328	Analytical MMAP-Based Bounds for Packet Loss in Optical Packet Switching with Recirculating FDL Buffers. Photonic Network Communications, 2004, 8, 149-161.	1.4	1
329	The Effect of Increased Traffic Variability and Wavelength Capacities on ORION. Lecture Notes in Computer Science, 2004, , 832-841.	1.0	1
330	<title>Multi-layer resilience in data-centric optical networks</title>. , 2004, , .		1
331	Application-Specific Hints in Reconfigurable Grid Scheduling Algorithms. Lecture Notes in Computer Science, 2004, , 149-157.	1.0	1
332	Performance Evaluation of a Probabilistic Packet Filter Optimization Algorithm for High-Speed Network Monitoring. Lecture Notes in Computer Science, 2004, , 120-131.	1.0	4
333	On the Construction of QoS Enabled Overlay Networks. Lecture Notes in Computer Science, 2004, , 164-173.	1.0	16
334	A TCP Protocol Booster for Wireless Networks. Lecture Notes in Computer Science, 2004, , 175-184.	1.0	1
335	Pan-European Optical Transport Networks: An Availability-based Comparison. Photonic Network Communications, 2003, 5, 203-225.	1.4	172
336	Efficient Protection in MPLS Networks Using Backup Trees: Part One – Concepts and Heuristics. Photonic Network Communications, 2003, 6, 191-206.	1.4	10
337	Cost-efficient deployment of survivable next-generation IP-over-optical networks. , 2003, , .		1
338	Influence of the observation window size on the performance of multilayer traffic engineering. , 2003, 5247, 203.		1
339	Assessment of Packet Loss for an Optical Packet Router with Recirculating Buffer. IFIP Advances in Information and Communication Technology, 2003, , 247-261.	0.5	8
340	On the Capacity Requirements of ASONs versus OTNs. Lecture Notes in Computer Science, 2003, , 416-425.	1.0	3
341	A generic architecture for management and control of end-to-end quality of service over multiple domains. Computer Communications, 2002, 25, 149-168.	3.1	4
342	Influence of the IP Traffic Asymmetry on the Cost of the Optical Network Layer. Photonic Network Communications, 2002, 4, 133-150.	1.4	4

#	ARTICLE	IF	CITATIONS
343	Influence of GMPLS Recovery Mechanisms on TCP Performance. Photonic Network Communications, 2002, 4, 321-343.	1.4	0
344	Multiple Objective Heuristic for Ring Loading and Logical Wavelength Assignment in OCH-SPRings. IFIP Advances in Information and Communication Technology, 2002, , 133-142.	0.5	1
345	MPLS Recovery Mechanisms for IP-over-WDM Networks. Photonic Network Communications, 2001, 3, 23-40.	1.4	15
346	Dimensioning of Non-hierarchical Interconnected WDM Ring Networks. IFIP Advances in Information and Communication Technology, 2001, , 139-150.	0.5	1
347	Multi-Period Planning of Survivable WDM Networks. European Transactions on Telecommunications, 2000, 11, 7-16.	1.2	7
348	A Zoom-In Approach to Design SDH Mesh Restorable Networks. Journal of Heuristics, 2000, 6, 107-130.	1.1	7
349	Planning of WDM Ring Networks. Photonic Network Communications, 2000, 2, 33-51.	1.4	5
350	Long-Term Planning of WDM Networks: A Comparison between Single-Period and Multi-Period Techniques. Photonic Network Communications, 1999, 1, 331-346.	1.4	25
351	Evolution Towards Photonic Networks. European Transactions on Telecommunications, 1999, 10, 637-645.	1.2	1
352	Automated Design of Modular SNMP-CORBA Gateways and Their Application for the Development of an ADSL Access Network Manager. Lecture Notes in Computer Science, 1999, , 223-238.	1.0	4
353	Selective area growth on planar masked InP substrates by metal organic vapour phase epitaxy (MOVPE). Progress in Crystal Growth and Characterization of Materials, 1997, 35, 263-288.	1.8	27
354	High quality In _{0.15} Ga _{0.85} As/Al _x Ga _{1-x} As strained multi quantum wells grown by metalorganic vapor phase epitaxy. Journal of Applied Physics, 1992, 71, 3249-3255.	1.1	6
355	Selective and shadow masked MOVPE growth of InP/InGaAs(P) heterostructures and quantum wells. Journal of Crystal Growth, 1992, 124, 497-501.	0.7	6
356	Influence of the nucleation and annealing conditions on the quality of InP layers grown on GaAs by MOCVD. Journal of Crystal Growth, 1991, 114, 314-320.	0.7	5