

Sanghoon Lee

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231
papers

3,281
citations

28
h-index

49
g-index

303
ext. papers

4,229
ext. citations

3.9
avg, IF

6.03
L-index

#	Paper	IF	Citations
231	A Comparison and Evaluation of Stereo Matching on Active Stereo Images.. <i>Sensors</i> , 2022 , 22,	3.8	3
230	Self-Updatable Database System Based on Human Motion Assessment Framework. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2022 , 1-1	6.4	
229	Technical Consideration towards Robust 3D Reconstruction with Multi-View Active Stereo Sensors. <i>Sensors</i> , 2022 , 22, 4142	3.8	
228	HVPR: Hybrid Voxel-Point Representation for Single-stage 3D Object Detection 2021 ,		9
227	Action Recognition Using Close-Up of Maximum Activation and ETRI-Activity3D LivingLab Dataset. <i>Sensors</i> , 2021 , 21,	3.8	3
226	A Photo Identification Framework to Prevent Copyright Infringement with Manipulations. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 9194	2.6	
225	. <i>IEEE Transactions on Multimedia</i> , 2021 , 23, 415-428	6.6	10
224	Diverse and Adjustable Versatile Image Enhancer. <i>IEEE Access</i> , 2021 , 9, 80883-80896	3.5	
223	Gradient Flow Evolution for 3D Fusion from a Single Depth Sensor. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2021 , 1-1	6.4	2
222	Competitive Learning of Facial Fitting and Synthesis Using UV Energy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-16	7.3	1
221	Multiple Sensor Synchronization with theRealSense RGB-D Camera. <i>Sensors</i> , 2021 , 21,	3.8	2
220	Joint Swing Energy for Skeleton-Based Gender Classification. <i>IEEE Access</i> , 2021 , 9, 28334-28348	3.5	5
219	VR Sickness Versus VR Presence: A Statistical Prediction Model. <i>IEEE Transactions on Image Processing</i> , 2021 , 30, 559-571	8.7	8
218	An Efficient Human Instance-Guided Framework for Video Action Recognition.. <i>Sensors</i> , 2021 , 21,	3.8	2
217	A Deep Motion Sickness Predictor Induced by Visual Stimuli in Virtual Reality. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , PP,	10.3	4
216	Dynamic Receptive Field Generation for Full-Reference Image Quality Assessment. <i>IEEE Transactions on Image Processing</i> , 2020 ,	8.7	11
215	Accurate Blind Lempel-Ziv-77 Parameter Estimation via 1-D to 2-D Data Conversion Over Convolutional Neural Network. <i>IEEE Access</i> , 2020 , 8, 43965-43979	3.5	7

214	Effect of Ultra-high-definition Television on Ocular Surface and Fatigue. <i>Korean Journal of Ophthalmology: KJO</i> , 2020 , 34, 367-374	1.2	0
213	EDA-78: A Novel Error Detection Algorithm for Lempel-Ziv-78 Compressed Data. <i>Wireless Personal Communications</i> , 2020 , 111, 2177-2189	1.9	2
212	Ensemble Learning for Skeleton-Based Body Mass Index Classification. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 7812	2.6	2
211	Human Skeleton Data Augmentation for Person Identification over Deep Neural Network. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 4849	2.6	3
210	. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-21	7.3	3
209	Local Spherical Harmonics for Facial Shape and Albedo Estimation. <i>IEEE Access</i> , 2020 , 8, 177424-177436	3.5	1
208	A Greedy Pursuit Approach for Fitting 3D Facial Expression Models. <i>IEEE Access</i> , 2020 , 8, 192682-192692	3.5	2
207	Partial Gated Feedback Recurrent Neural Network for Data Compression Type Classification. <i>IEEE Access</i> , 2020 , 8, 151426-151436	3.5	1
206	. <i>IEEE Transactions on Broadcasting</i> , 2020 , 66, 127-139	4.7	23
205	Error detection algorithm for Lempel-Ziv-77 compressed data. <i>Journal of Communications and Networks</i> , 2019 , 21, 100-112	4.1	5
204	A Simple Way of Multimodal and Arbitrary Style Transfer 2019 ,		4
203	A Study on the Conductive Particle Movements in Polyvinylidene Fluoride Anchoring Polymer Layer Anisotropic Conductive Films for 20- μm Fine-Pitch Interconnection. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 209-215	1.7	1
202	Deep CNN-Based Blind Image Quality Predictor. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 11-24	10.3	104
201	Effects of Polyacrylonitrile Anchoring Polymer Layer Solder Anisotropic Conductive Films on the Solder Ball Movement for Fine-Pitch Flex-on-Flex (FOF) Assembly. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2019 , 9, 830-835	1.7	2
200	Modern trends on quality of experience assessment and future work. <i>APSIPA Transactions on Signal and Information Processing</i> , 2019 , 8,	4.4	3
199	Point Cloud Deformation for Single Image 3d Reconstruction 2019 ,		5
198	A Deep Cybersickness Predictor Based on Brain Signal Analysis for Virtual Reality Contents 2019 ,		15
197	Video Frame Synthesis via Plug-and-Play Deep Locally Temporal Embedding. <i>IEEE Access</i> , 2019 , 7, 179304-179319	3.4	19

196	Dictionary based Compression Type Classification using a CNN Architecture 2019 ,		4
195	GraphX-Convolution for Point Cloud Deformation in 2D-to-3D Conversion 2019 ,		8
194	Distribution Padding in Convolutional Neural Networks 2019 ,		6
193	CNN-Based Blind Quality Prediction On Stereoscopic Images Via Patch To Image Feature Pooling 2019 ,		1
192	Deep Visual Discomfort Predictor for Stereoscopic 3D Images. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	6
191	3D Active Vessel Tracking Using an Elliptical Prior. <i>IEEE Transactions on Image Processing</i> , 2018 , 27, 5933-5946	8.7	6
190	Robust Fingerprinting Method for Webtoon Identification in Large-Scale Databases. <i>IEEE Access</i> , 2018 , 1-1	3.5	2
189	Propagating LSTM: 3D Pose Estimation Based on Joint Interdependency. <i>Lecture Notes in Computer Science</i> , 2018 , 123-141	0.9	39
188	Deep Video Quality Assessor: From Spatio-Temporal Visual Sensitivity to a Convolutional Neural Aggregation Network. <i>Lecture Notes in Computer Science</i> , 2018 , 224-241	0.9	31
187	Deep Visual Saliency on Stereoscopic Images. <i>IEEE Transactions on Image Processing</i> , 2018 ,	8.7	13
186	Cross-antenna interference cancellation and channel estimation for MISO-FBMC/QAM-based eMBMS. <i>Wireless Networks</i> , 2018 , 24, 3281-3293	2.5	3
185	No-Reference Video Quality Assessment based on Convolutional Neural Network and Human Temporal Behavior 2018 ,		1
184	Identification and Restoration of LZ77 Compressed Data Using a Machine Learning Approach 2018 ,		5
183	Robust Facial Pose Estimation Using Landmark Selection Method for Binocular Stereo Vision 2018 ,		4
182	A Comparative Quality Assessment Study for Gaming and Non-Gaming Videos 2018 ,		18
181	Virtual Reality Sickness Predictor: Analysis of visual-vestibular conflict and VR contents 2018 ,		19
180	Deep Blind Video Quality Assessment Based on Temporal Human Perception 2018 ,		11
179	Deep Blind Image Quality Assessment by Learning Sensitivity Map 2018 ,		1

178	Multiple Level Feature-Based Universal Blind Image Quality Assessment Model 2018 ,		20
177	ConcatNet: A Deep Architecture of Concatenation-Assisted Network for Dense Facial Landmark Alignment 2018 ,		3
176	A Simple Method on Generating Synthetic Data for Training Real-time Object Detection Networks 2018 ,		3
175	Perceptual Crosstalk Prediction on Autostereoscopic 3D Display. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 1450-1463	6.4	6
174	Blind Sharpness Prediction for Ultrahigh-Definition Video Based on Human Visual Resolution. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2017 , 27, 951-964	6.4	8
173	A Hand Gesture Recognition Sensor Using Reflected Impulses. <i>IEEE Sensors Journal</i> , 2017 , 17, 2975-29764		57
172	An identification framework for print-scan books in a large database. <i>Information Sciences</i> , 2017 , 396, 33-54	7.7	4
171	Special Section Guest Editorial: Perceptually Driven Visual Information Analysis. <i>Journal of Electronic Imaging</i> , 2017 , 25, 061601	0.7	
170	Enhancement of Visual Comfort and Sense of Presence on Stereoscopic 3D Images. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 3789-3801	8.7	15
169	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2017 , 53, 2690-2705	3.7	4
168	Scattered Reference Symbol-Based Channel Estimation and Equalization for FBMC-QAM Systems. <i>IEEE Transactions on Communications</i> , 2017 , 1-1	6.9	3
167	Novel Error Detection Algorithm for LZSS Compressed Data. <i>IEEE Access</i> , 2017 , 5, 8940-8947	3.5	11
166	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2017 , 11, 206-220	7.5	210
165	Quality Assessment of Perceptual Crosstalk on Two-View Auto-Stereoscopic Displays. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4885-4899	8.7	11
164	Implementation of a Virtual Training Simulator Based on 360° Multi-View Human Action Recognition. <i>IEEE Access</i> , 2017 , 5, 12496-12511	3.5	32
163	Blind Deep S3D Image Quality Evaluation via Local to Global Feature Aggregation. <i>IEEE Transactions on Image Processing</i> , 2017 , 26, 4923-4936	8.7	50
162	Enhanced particle-filtering framework for vessel segmentation and tracking. <i>Computer Methods and Programs in Biomedicine</i> , 2017 , 148, 99-112	6.9	9
161	Deep Convolutional Neural Models for Picture-Quality Prediction: Challenges and Solutions to Data-Driven Image Quality Assessment. <i>IEEE Signal Processing Magazine</i> , 2017 , 34, 130-141	9.4	159

160	Deep Learning of Human Visual Sensitivity in Image Quality Assessment Framework 2017 ,		84
159	Effective Interference Nulling Virtual MIMO Broadcasting Transceiver for Multiple Relaying. <i>IEEE Access</i> , 2017 , 5, 20695-20706	3.5	5
158	A restoration method for distorted comics to improve comic contents identification. <i>International Journal on Document Analysis and Recognition</i> , 2017 , 20, 223-240	3.8	2
157	2017 ,		6
156	Ensemble Deep Learning for Skeleton-Based Action Recognition Using Temporal Sliding LSTM Networks 2017 ,		160
155	Iterative Interference Cancellation and Channel Estimation in Evolved Multimedia Broadcast Multicast System Using Filter-Bank Multicarrier-Quadrature Amplitude Modulation. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 864-875	4.7	16
154	Visual Preference Assessment on Ultra-High-Definition Images. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 757-769	4.7	6
153	Visual Presence: Viewing Geometry Visual Information of UHD S3D Entertainment. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 3358-3371	8.7	16
152	Reduction in encoding redundancy for overlapped FOVs over wireless visual sensor networks 2016 , 50, 135-149		6
151	Optimal Beam Steering for Maximal Visual Quality Over a Multimedia Broadcasting System. <i>IEEE Transactions on Broadcasting</i> , 2016 , 62, 35-45	4.7	3
150	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 685-698	6.8	6
149	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 6532-6546	6.8	6
148	Stereoscopic 3D Visual Discomfort Prediction: A Dynamic Accommodation and Vergence Interaction Model. <i>IEEE Transactions on Image Processing</i> , 2016 , 25, 615-29	8.7	28
147	Prototype filter design for QAM-based filter bank multicarrier system 2016 , 57, 66-78		10
146	2016 ,		5
145	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 1-1	6.8	5
144	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2016 , 26, 2015-2027	6.4	10
143	A Target Position Decision Algorithm Based on Analysis of Path Departure for an Autonomous Path Keeping System. <i>Wireless Personal Communications</i> , 2015 , 83, 1843-1865	1.9	4

142	Low-complexity and robust comic fingerprint method for comic identification. <i>Signal Processing: Image Communication</i> , 2015 , 39, 1-16	2.8	3
141	Adaptive Kalman snake for semi-autonomous 3D vessel tracking. <i>Computer Methods and Programs in Biomedicine</i> , 2015 , 122, 56-75	6.9	12
140	A downlink power control algorithm for long-term energy efficiency of small cell network. <i>Wireless Networks</i> , 2015 , 21, 2223-2236	2.5	5
139	Trends in receiving chemotherapy for advanced cancer patients at the end of life. <i>BMC Palliative Care</i> , 2015 , 14, 4	3	34
138	Implementation of Human Action Recognition System Using Multiple Kinect Sensors. <i>Lecture Notes in Computer Science</i> , 2015 , 334-343	0.9	7
137	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015 , 51, 2260-2275	3.7	2
136	Cooperative content and radio resource allocation for visual information maximization in a digital signage scenario 2015 , 45, 24-35		5
135	Maximum SINR-Based Receive Combiner for Cognitive MU-MIMO Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 4344-4350	6.8	2
134	Link Capacity-Energy Aware WDC for Network Lifetime Maximization. <i>IEEE Transactions on Mobile Computing</i> , 2015 , 14, 1615-1628	4.6	3
133	. <i>IEEE Sensors Journal</i> , 2015 , 15, 1489-1503	4	10
132	Implementation of Multimodal Interactive Continuous Scoring for 3D Quality of Experience. <i>Wireless Personal Communications</i> , 2015 , 84, 1133-1149	1.9	2
131	Virtual MIMO broadcasting transceiver design for multi-hop relay networks 2015 , 46, 97-107		5
130	Blind Sharpness Prediction Based on Image-Based Motion Blur Analysis. <i>IEEE Transactions on Broadcasting</i> , 2015 , 61, 1-15	4.7	7
129	3D visual discomfort predictor: analysis of horizontal disparity and neural activity statistics. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 1101-14	8.7	59
128	3D visual discomfort predictor based on neural activity statistics 2015 ,		1
127	. <i>IEEE Transactions on Multimedia</i> , 2015 , 17, 2198-2209	6.6	26
126	Transfer Function Model of Physiological Mechanisms Underlying Temporal Visual Discomfort Experienced When Viewing Stereoscopic 3D Images. <i>IEEE Transactions on Image Processing</i> , 2015 , 24, 4335-47	8.7	16
125	3D Perception Based Quality Pooling: Stereopsis, Binocular Rivalry, and Binocular Suppression. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2015 , 9, 533-545	7.5	52

124	Altered neural basis of the reality processing and its relation to cognitive insight in schizophrenia. <i>PLoS ONE</i> , 2015 , 10, e0120478	3.7	11
123	Implementation of an Omnidirectional Human Motion Capture System Using Multiple Kinect Sensors. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2015 , E98.A, 2004-2008	0.4	8
122	Combinatorial Orthogonal Beamforming for Joint Processing and Transmission. <i>IEEE Transactions on Communications</i> , 2014 , 62, 625-637	6.9	5
121	Saliency prediction on stereoscopic videos. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 1476-90	8.7	65
120	3D visual activity assessment based on natural scene statistics. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 450-65	8.7	30
119	A Pervasive Network Control Algorithm for Multicamera Networks. <i>IEEE Sensors Journal</i> , 2014 , 14, 1280-1294	4.294	5
118	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1855-1869	6.8	9
117	Heat Transfer and Fluid Flow on Dimpled Surface With Bleed Flow. <i>Heat Transfer Engineering</i> , 2014 , 35, 641-650	1.7	9
116	. <i>IEEE Transactions on Multimedia</i> , 2014 , 16, 387-402	6.6	28
115	Hierarchical Multilevel on/off Source Traffic Modeling for a Warship Combat System. <i>IEEE Journal of Oceanic Engineering</i> , 2014 , 39, 226-242	3.3	6
114	Cooperative and joint video multicast over MIMO-OFDM networks 2014 , 33, 98-115		3
113	. <i>IEEE Journal on Selected Topics in Signal Processing</i> , 2014 , 8, 415-427	7.5	50
112	No-reference sharpness assessment of camera-shaken images by analysis of spectral structure. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 5428-39	8.7	22
111	Visually weighted reconstruction of compressive sensing MRI. <i>Magnetic Resonance Imaging</i> , 2014 , 32, 270-80	3.3	9
110	Joint precoding selection diversity with limited feedback 2014 , 30, 141-153		1
109	Joint Energy Management System of Electric Supply and Demand in Houses and Buildings. <i>IEEE Transactions on Power Systems</i> , 2014 , 29, 2804-2812	7	63
108	Hierarchical modulation based cooperative relaying over a multi-cell OFDMA network. <i>Wireless Networks</i> , 2013 , 19, 577-590	2.5	3
107	Dynamic Bandwidth and Carrier Allocation for Video Broadcast/Multicast Over Multi-Cell Environments. <i>Wireless Personal Communications</i> , 2013 , 69, 1925-1945	1.9	7

106	Introduction to the special section on 3D representation, compression, and rendering. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 3513-6	8.7	
105	Visually weighted compressive sensing: measurement and reconstruction. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 1444-55	8.7	12
104	Video quality pooling adaptive to perceptual distortion severity. <i>IEEE Transactions on Image Processing</i> , 2013 , 22, 610-20	8.7	72
103	Effective channel control random beamforming for single user MIMO systems. <i>Wireless Networks</i> , 2013 , 19, 175-186	2.5	2
102	Non-orthogonal Multiple Access in a Downlink Multiuser Beamforming System 2013 ,		210
101	Alloplastic total temporomandibular joint replacement using stock prosthesis: a one-year follow-up report of two cases. <i>Journal of the Korean Association of Oral and Maxillofacial Surgeons</i> , 2013 , 39, 297-303	1.6	7
100	Device-Aware Visual Quality Adaptation for Wireless N-Screen Multicast Systems. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 3181-3189	0.5	4
99	Distributed MIMO Ad-hoc Networks: Link Scheduling, Power Allocation, and Cooperative Beamforming. <i>IEEE Transactions on Vehicular Technology</i> , 2012 , 61, 2586-2598	6.8	6
98	A Multi-User MIMO Downlink Receiver and Quantizer Design Based on SINR Optimization. <i>IEEE Transactions on Communications</i> , 2012 , 60, 559-568	6.9	7
97	Receiver Design for MIMO Relay Stations in Multi-Cell Downlink System. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 2446-2456	9.6	6
96	MIMO Broadcast Channels Based on SINR Feedback using a Non-Orthogonal Beamforming Matrix. <i>IEEE Transactions on Communications</i> , 2012 , 60, 2534-2545	6.9	6
95	Structural similarity based image compression for LCD overdrive. <i>IEEE Transactions on Consumer Electronics</i> , 2012 , 58, 1276-1284	4.8	2
94	Material design of a film cooling system using experimental heat transfer data. <i>International Journal of Heat and Mass Transfer</i> , 2012 , 55, 6278-6284	4.9	4
93	Prediction of visual fatigue from spatiotemporal characteristics in stereoscopic video 2012 ,		1
92	Heat-Transfer Characteristics of a Non-Rotating Two-Pass Rectangular Duct With Various Guide Vanes in the Tip Turn Region. <i>Journal of Turbomachinery</i> , 2012 , 134,	1.8	4
91	M2-m2 Beamforming for Virtual MIMO Broadcasting in Multi-Hop Relay Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2012 , 30, 1358-1369	14.2	9
90	Implementation of Multimode-Multilevel Block Truncation Coding for LCD Overdrive. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2012 , E95.A, 867-875	0.4	5
89	. <i>IEEE Transactions on Multimedia</i> , 2011 , 13, 813-823	6.6	7

88	CoMP-CSB for ICI Nulling with User Selection. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 2982-2993	9.6	35
87	Implementation of DWT-based adaptive mode selection for LCD overdrive. <i>IEEE Transactions on Consumer Electronics</i> , 2011 , 57, 771-778	4.8	5
86	Iterative Best Beam Selection for Random Unitary Beamforming. <i>IEEE Transactions on Communications</i> , 2011 , 59, 968-974	6.9	5
85	Definition of a new service class, artPS for video services over WiBro/Mobile WiMAX systems. <i>Wireless Networks</i> , 2011 , 17, 103-117	2.5	3
84	Hierarchical modulation-based cooperation utilizing relay-assistant full-duplex diversity. <i>Wireless Networks</i> , 2011 , 17, 583-595	2.5	2
83	Visualization of liquid water movement on the micro sub-channels of flow paths in a proton exchange membrane fuel cell cathode separator. <i>Journal of Mechanical Science and Technology</i> , 2011 , 25, 957-961	1.6	5
82	A cross-layer optimization for energy-efficient MAC protocol with delay and rate constraints 2011 ,		8
81	Perceptually Scalable Extension of H.264. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2011 , 21, 1667-1678	6.4	5
80	Optimal image transmission over Visual Sensor Networks 2011 ,		1
79	Beamforming Matrix Transformation for Random Beamforming 2011 ,		1
78	Optimization of microscale vortex generators in a microchannel using advanced response surface method. <i>International Journal of Heat and Mass Transfer</i> , 2011 , 54, 118-125	4.9	36
77	An Efficient FRS-Cooperative Strategy with No CSIT in OFDM-Based Networks 2011 ,		1
76	Spatio-temporal quality pooling accounting for transient severe impairments and egomotion 2011 ,		6
75	A new block compressive sensing to control the number of measurements 2011 ,		1
74	Temporal pooling of video quality estimates using perceptual motion models 2010 ,		8
73	Perceptually Unequal Packet Loss Protection by Weighting Saliency and Error Propagation. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2010 , 20, 1187-1199	6.4	16
72	Location-based QoS enhanced dynamic carrier allocation over multi-cell environments. <i>Wireless Networks</i> , 2010 , 16, 437-447	2.5	
71	Optimal transmission methodology for QoS provision of multi-hop cellular network. <i>Wireless Networks</i> , 2010 , 16, 1313-1327	2.5	2

70	Node distribution-based localization for large-scale wireless sensor networks. <i>Wireless Networks</i> , 2010 , 16, 1389-1406	2.5	21
69	Analysis of resource allocation with macroscopic diversity for uplink OFDMA systems. <i>Wireless Networks</i> , 2010 , 16, 1749-1763	2.5	
68	MIMO Beamforming for QoS Enhancement via Analog, Digital and Hybrid Relaying. <i>IEEE Transactions on Broadcasting</i> , 2010 , 56, 494-503	4.7	16
67	Analysis of QoS-Based Band Power Allocation for Broadband Multi-Cell Forward Link Environments. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 1953-1956	0.5	1
66	. <i>IEEE Transactions on Multimedia</i> , 2009 , 11, 1062-1071	6.6	20
65	Macroblock-Based Frequency Selective Weighting for Visual Scalable Video Coding of H.264/AVC. <i>IEEE Transactions on Broadcasting</i> , 2009 , 55, 559-568	4.7	7
64	Semisoft Handover Gain Analysis Over OFDM-Based Broadband Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2009 , 58, 1443-1453	6.8	21
63	Theoretical investigation of the input power dynamic range enhancement of XPM wavelength converter using a CW holding beam. <i>Optical and Quantum Electronics</i> , 2009 , 41, 349-362	2.4	3
62	Multi-cell communications for OFDM-based asynchronous networks over multi-cell environments. <i>Wireless Networks</i> , 2009 , 15, 917-930	2.5	3
61	Dynamic Session Control Over IMS for Cross-Layer Optimization of Multi-Stream Video. <i>Wireless Personal Communications</i> , 2009 , 51, 517-534	1.9	2
60	Throughput and QoS improvement via fixed relay station cooperated beam-forming. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 2400-2409	9.6	8
59	Grouping multi-duolateration localization using partial space information for indoor wireless sensor networks. <i>IEEE Transactions on Consumer Electronics</i> , 2009 , 55, 1950-1958	4.8	13
58	Object-Based Auto Exposure and Focus Algorithms Based on the Human Visual System. <i>IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences</i> , 2009 , E92-A, 832-835 ⁴	0.4	
57	Inter-Cell Resource Coordination Utilizing Macroscopic Diversity for an Uplink OFDMA System. <i>IEICE Transactions on Communications</i> , 2009 , E92-B, 3256-3259	0.5	1
56	Increasing Throughput and QoS Using Bandwidth and Region Division with Frequency Overlay over Multicell Environments. <i>IEICE Transactions on Communications</i> , 2009 , E92-B, 85-92	0.5	4
55	. <i>IEEE Transactions on Information Forensics and Security</i> , 2008 , 3, 792-800	8	25
54	Soft Load Balancing Over Heterogeneous Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2008 , 57, 2632-2638	6.8	39
53	. <i>IEEE Transactions on Multimedia</i> , 2008 , 10, 1181-1196	6.6	14

52	Dynamic Session Control for Scalable Video Coding over IMS. <i>IEEE Vehicular Technology Conference, 2008,</i>	0.1	1
51	The MAI Mitigation Scheme for OFDM-based Asynchronous Networks over Multi-Cell Environments. <i>IEEE Vehicular Technology Conference, 2008,</i>	0.1	1
50	Outage Probability Analysis of WPAN under Coexistence Environments in Fading Channels. <i>Information Networking, 2008 ICOIN 2008 International Conference on, 2008,</i>		2
49	A Cross-Layer Approach for Maximizing Visual Entropy Using Closed-Loop Downlink MIMO. <i>Eurasip Journal on Advances in Signal Processing, 2008, 2008,</i>	1.9	1
48	ROI-based Video Transmission using Cooperative Diversity over Wireless Ad-hoc Networks. <i>Journal of Broadcast Engineering, 2008, 13, 951-961</i>		
47	Coexistence Performance Evaluation of IEEE 802.15.4 Under IEEE 802.11B Interference in Fading Channels 2007,		10
46	Cross-Layer Optimization for Scalable Video Coding and Transmission Over Broadband Wireless Networks 2007,		1
45	The Cell Planning Scheme for ICI Mitigation 2007,		2
44	Linearization of DFB LD by using Cross Gain Modulation of Reflective SOA in Radio-over-Fiber Link. <i>Journal of the Optical Society of Korea, 2007, 11, 158-161</i>		7
43	A Relay-Assisted Handover Technique with Network Coding over Multihop Cellular Networks. <i>IEEE Communications Letters, 2007, 11, 252-254</i>	3.8	20
42	Self-seeded reflective semiconductor optical amplifier based optical transmitter for up-stream WDM-PON link. <i>IET Optoelectronics, 2007, 1, 77-81</i>	1.5	17
41	OFDM-Based Semi-Soft Handover for High Data Rate Services 2007,		5
40	Compensation of intermodulation distortion of laser diode by using optoelectronically predistorted signals. <i>Microwave and Optical Technology Letters, 2006, 48, 1144-1148</i>	1.2	6
39	Feedback harmonic injection technique for reduction of third intermodulation distortion in radio-over-fiber link. <i>Microwave and Optical Technology Letters, 2006, 48, 2072-2074</i>	1.2	4
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