

Sanghoon Lee

List of Publications by Year in descending order

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299
papers

5,084
citations

147726

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g-index

303
all docs

303
docs citations

303
times ranked

3431
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully Deep Blind Image Quality Predictor. IEEE Journal on Selected Topics in Signal Processing, 2017, 11, 206-220.	7.3	331
2	Non-orthogonal Multiple Access in a Downlink Multiuser Beamforming System. , 2013, , .		277
3	Ensemble Deep Learning for Skeleton-Based Action Recognition Using Temporal Sliding LSTM Networks. , 2017, , .		255
4	Deep Convolutional Neural Models for Picture-Quality Prediction: Challenges and Solutions to Data-Driven Image Quality Assessment. IEEE Signal Processing Magazine, 2017, 34, 130-141.	4.6	226
5	Deep CNN-Based Blind Image Quality Predictor. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 11-24.	7.2	192
6	Deep Learning of Human Visual Sensitivity in Image Quality Assessment Framework. , 2017, , .		152
7	Propagating LSTM: 3D Pose Estimation Based on Joint Interdependency. Lecture Notes in Computer Science, 2018, , 123-141.	1.0	116
8	Foveated video compression with optimal rate control. IEEE Transactions on Image Processing, 2001, 10, 977-992.	6.0	114
9	Foveated video quality assessment. IEEE Transactions on Multimedia, 2002, 4, 129-132.	5.2	101
10	Video Quality Pooling Adaptive to Perceptual Distortion Severity. IEEE Transactions on Image Processing, 2013, 22, 610-620.	6.0	101
11	A Hand Gesture Recognition Sensor Using Reflected Impulses. IEEE Sensors Journal, 2017, 17, 2975-2976.	2.4	99
12	Saliency Prediction on Stereoscopic Videos. IEEE Transactions on Image Processing, 2014, 23, 1476-1490.	6.0	86
13	Joint Energy Management System of Electric Supply and Demand in Houses and Buildings. IEEE Transactions on Power Systems, 2014, 29, 2804-2812.	4.6	81
14	3D Visual Discomfort Predictor: Analysis of Disparity and Neural Activity Statistics. IEEE Transactions on Image Processing, 2015, 24, 1101-1114.	6.0	79
15	Learning by Aligning: Visible-Infrared Person Re-identification using Cross-Modal Correspondences. , 2021, , .		78
16	Blind Deep S3D Image Quality Evaluation via Local to Global Feature Aggregation. IEEE Transactions on Image Processing, 2017, 26, 4923-4936.	6.0	71
17	An online identification method for both stator-and rotor resistances of induction motors without rotational transducers. IEEE Transactions on Industrial Electronics, 2000, 47, 842-853.	5.2	70
18	Deep Video Quality Assessor: From Spatio-Temporal Visual Sensitivity to a Convolutional Neural Aggregation Network. Lecture Notes in Computer Science, 2018, , 224-241.	1.0	67

#	ARTICLE	IF	CITATIONS
19	HVPR: Hybrid Voxel-Point Representation for Single-stage 3D Object Detection. , 2021, , .		67
20	3D Visual Discomfort Prediction: Vergence, Foveation, and the Physiological Optics of Accommodation. IEEE Journal on Selected Topics in Signal Processing, 2014, 8, 415-427.	7.3	62
21	3D Perception Based Quality Pooling: Stereopsis, Binocular Rivalry, and Binocular Suppression. IEEE Journal on Selected Topics in Signal Processing, 2015, 9, 533-545.	7.3	60
22	Fast algorithms for foveated video processing. IEEE Transactions on Circuits and Systems for Video Technology, 2003, 13, 149-162.	5.6	56
23	Soft Load Balancing Over Heterogeneous Wireless Networks. IEEE Transactions on Vehicular Technology, 2008, 57, 2632-2638.	3.9	56
24	CoMP-CSB for ICI Nulling with User Selection. IEEE Transactions on Wireless Communications, 2011, 10, 2982-2993.	6.1	53
25	A Deep Cybersickness Predictor Based on Brain Signal Analysis for Virtual Reality Contents. , 2019, , .		52
26	Multiscale Natural Scene Statistical Analysis for No-Reference Quality Evaluation of DIBR-Synthesized Views. IEEE Transactions on Broadcasting, 2020, 66, 127-139.	2.5	52
27	A CMOS TV tuner/demodulator IC with digital image rejection. IEEE Journal of Solid-State Circuits, 2005, 40, 2525-2535.	3.5	48
28	Optimization of microscale vortex generators in a microchannel using advanced response surface method. International Journal of Heat and Mass Transfer, 2011, 54, 118-125.	2.5	48
29	Stereoscopic 3D Visual Discomfort Prediction: A Dynamic Accommodation and Vergence Interaction Model. IEEE Transactions on Image Processing, 2016, 25, 615-629.	6.0	46
30	3D Visual Activity Assessment Based on Natural Scene Statistics. IEEE Transactions on Image Processing, 2014, 23, 450-465.	6.0	42
31	Trends in receiving chemotherapy for advanced cancer patients at the end of life. BMC Palliative Care, 2015, 14, 4.	0.8	42
32	Multilevel voltage wave-shaping display driver for ac plasma display panel application. IEEE Journal of Solid-State Circuits, 2003, 38, 935-947.	3.5	40
33	Implementation of a Virtual Training Simulator Based on 360° Multi-View Human Action Recognition. IEEE Access, 2017, 5, 12496-12511.	2.6	40
34	Multimodal Interactive Continuous Scoring of Subjective 3D Video Quality of Experience. IEEE Transactions on Multimedia, 2014, 16, 387-402.	5.2	38
35	A Study of Touchless Fingerprint Recognition System. Lecture Notes in Computer Science, 2006, , 358-365.	1.0	34
36	No-Reference Sharpness Assessment of Camera-Shaken Images by Analysis of Spectral Structure. IEEE Transactions on Image Processing, 2014, 23, 5428-5439.	6.0	32

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37	Transition of Visual Attention Assessment in Stereoscopic Images With Evaluation of Subjective Visual Quality and Discomfort. IEEE Transactions on Multimedia, 2015, 17, 2198-2209.	5.2	32
38	Virtual Reality Sickness Predictor: Analysis of visual-vestibular conflict and VR contents. , 2018, , .		31
39	Dynamic Receptive Field Generation for Full-Reference Image Quality Assessment. IEEE Transactions on Image Processing, 2020, 29, 4219-4231.	6.0	31
40	Self-seeded reflective semiconductor optical amplifier based optical transmitter for up-stream WDM-PON link. IET Optoelectronics, 2007, 1, 77-81.	1.8	29
41	Fingerprint-Quality Index Using Gradient Components. IEEE Transactions on Information Forensics and Security, 2008, 3, 792-800.	4.5	29
42	Visual Entropy Gain for Wavelet Image Coding. IEEE Signal Processing Letters, 2006, 13, 553-556.	2.1	27
43	A Relay-Assisted Handover Technique with Network Coding over Multihop Cellular Networks. IEEE Communications Letters, 2007, 11, 252-254.	2.5	27
44	A Comparative Quality Assessment Study for Gaming and Non-Gaming Videos. , 2018, , .		27
45	Optimal Channel Adaptation of Scalable Video Over a Multicarrier-Based Multicell Environment. IEEE Transactions on Multimedia, 2009, 11, 1062-1071.	5.2	25
46	Semisoft Handover Gain Analysis Over OFDM-Based Broadband Systems. IEEE Transactions on Vehicular Technology, 2009, 58, 1443-1453.	3.9	25
47	Transfer Function Model of Physiological Mechanisms Underlying Temporal Visual Discomfort Experienced When Viewing Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2015, 24, 4335-4347.	6.0	25
48	Node distribution-based localization for large-scale wireless sensor networks. Wireless Networks, 2010, 16, 1389-1406.	2.0	24
49	GraphX-Convolution for Point Cloud Deformation in 2D-to-3D Conversion. , 2019, , .		24
50	Enhancement of Visual Comfort and Sense of Presence on Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2017, 26, 3789-3801.	6.0	23
51	Deep Blind Video Quality Assessment Based on Temporal Human Perception. , 2018, , .		23
52	Multiple Level Feature-Based Universal Blind Image Quality Assessment Model. , 2018, , .		23
53	3-D Human Behavior Understanding Using Generalized TS-LSTM Networks. IEEE Transactions on Multimedia, 2021, 23, 415-428.	5.2	23
54	VR Sickness Versus VR Presence: A Statistical Prediction Model. IEEE Transactions on Image Processing, 2021, 30, 559-571.	6.0	23

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55	Optimal Carrier Loading Control for the Enhancement of Visual Quality over OFDMA Cellular Networks. IEEE Transactions on Multimedia, 2008, 10, 1181-1196.	5.2	22
56	Linearization of DFB laser diode by external light-injected cross-gain modulation for radio-over-fiber link. IEEE Photonics Technology Letters, 2006, 18, 1545-1547.	1.3	21
57	Deep Visual Saliency on Stereoscopic Images. IEEE Transactions on Image Processing, 2019, 28, 1939-1953.	6.0	21
58	Perceptually Unequal Packet Loss Protection by Weighting Saliency and Error Propagation. IEEE Transactions on Circuits and Systems for Video Technology, 2010, 20, 1187-1199.	5.6	20
59	Visual Presence: Viewing Geometry Visual Information of UHD S3D Entertainment. IEEE Transactions on Image Processing, 2016, 25, 3358-3371.	6.0	20
60	Adaptive Kalman snake for semi-autonomous 3D vessel tracking. Computer Methods and Programs in Biomedicine, 2015, 122, 56-75.	2.6	19
61	Iterative Interference Cancellation and Channel Estimation in Evolved Multimedia Broadcast Multicast System Using Filter-Bank Multicarrier-Quadrature Amplitude Modulation. IEEE Transactions on Broadcasting, 2016, 62, 864-875.	2.5	18
62	MIMO Beamforming for QoS Enhancement via Analog, Digital and Hybrid Relaying. IEEE Transactions on Broadcasting, 2010, 56, 494-503.	2.5	17
63	Grouping multi-duolateration localization using partial space information for indoor wireless sensor networks. IEEE Transactions on Consumer Electronics, 2009, 55, 1950-1958.	3.0	16
64	Distribution Padding in Convolutional Neural Networks. , 2019, , .		15
65	A Deep Motion Sickness Predictor Induced by Visual Stimuli in Virtual Reality. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 554-566.	7.2	15
66	An Improved Fingerprint Indexing Algorithm Based on the Triplet Approach. Lecture Notes in Computer Science, 2003, , 584-591.	1.0	14
67	Visually Weighted Compressive Sensing: Measurement and Reconstruction. IEEE Transactions on Image Processing, 2013, 22, 1444-1455.	6.0	14
68	A New Framework for Measuring 2D and 3D Visual Information in Terms of Entropy. IEEE Transactions on Circuits and Systems for Video Technology, 2016, 26, 2015-2027.	5.6	14
69	Joint Swing Energy for Skeleton-Based Gender Classification. IEEE Access, 2021, 9, 28334-28348.	2.6	14
70	Forward-Link Capacity Analysis for MC-CDMA. IEICE Transactions on Communications, 2005, E88-B, 4094-4096.	0.4	14
71	Coexistence Performance Evaluation of IEEE 802.15.4 Under IEEE 802.11B Interference in Fading Channels. , 2007, , .		13
72	Prototype filter design for QAM-based filter bank multicarrier system. , 2016, 57, 66-78.		13

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73	Deep blind image quality assessment by employing FR-IQA. , 2017, , .		13
74	Deep Visual Discomfort Predictor for Stereoscopic 3D Images. IEEE Transactions on Image Processing, 2018, 27, 5420-5432.	6.0	13
75	Point Cloud Deformation for Single Image 3d Reconstruction. , 2019, , .		13
76	Competitive Learning of Facial Fitting and Synthesis Using UV Energy. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2858-2873.	5.9	13
77	Altered Neural Basis of the Reality Processing and Its Relation to Cognitive Insight in Schizophrenia. PLoS ONE, 2015, 10, e0120478.	1.1	13
78	BUCKET: Scheduling of Solar-Powered Sensor Networks via Cross-Layer Optimization. IEEE Sensors Journal, 2015, 15, 1489-1503.	2.4	12
79	Blind Sharpness Prediction for Ultrahigh-Definition Video Based on Human Visual Resolution. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 951-964.	5.6	12
80	Novel Error Detection Algorithm for LZSS Compressed Data. IEEE Access, 2017, 5, 8940-8947.	2.6	12
81	Quality Assessment of Perceptual Crosstalk on Two-View Auto-Stereoscopic Displays. IEEE Transactions on Image Processing, 2017, 26, 4885-4899.	6.0	12
82	Bandwidth and region division for broadband multi-cell networks. IEEE Communications Letters, 2006, 10, 360-362.	2.5	11
83	<title>Comparison of various subjective video quality assessment methods</title>. , 2006, 6059, 49.		11
84	Dynamic Bandwidth and Carrier Allocation for Video Broadcast/Multicast Over Multi-Cell Environments. Wireless Personal Communications, 2013, 69, 1925-1945.	1.8	11
85	Optimization of Delay-Constrained Video Transmission for Ad Hoc Surveillance. IEEE Transactions on Vehicular Technology, 2014, 63, 1855-1869.	3.9	11
86	Heat Transfer and Fluid Flow on Dimpled Surface With Bleed Flow. Heat Transfer Engineering, 2014, 35, 641-650.	1.2	11
87	Visual Preference Assessment on Ultra-High-Definition Images. IEEE Transactions on Broadcasting, 2016, 62, 757-769.	2.5	11
88	Coordinated Multicast Based on a MIMO Relay Station in a Single Frequency Network. IEEE Transactions on Vehicular Technology, 2016, 65, 685-698.	3.9	11
89	Implementation of an Omnidirectional Human Motion Capture System Using Multiple Kinect Sensors. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2015, E98.A, 2004-2008.	0.2	11
90	High quality, low delay foveated visual communications over mobile channels. Journal of Visual Communication and Image Representation, 2005, 16, 180-211.	1.7	10

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91	A cross-layer optimization for energy-efficient MAC protocol with delay and rate constraints. , 2011, , .		10
92	M2-m2 Beamforming for Virtual MIMO Broadcasting in Multi-Hop Relay Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1358-1369.	9.7	10
93	Alloplastic total temporomandibular joint replacement using stock prosthesis: a one-year follow-up report of two cases. Journal of the Korean Association of Oral and Maxillofacial Surgeons, 2013, 39, 297.	0.3	10
94	Visually weighted reconstruction of compressive sensing MRI. Magnetic Resonance Imaging, 2014, 32, 270-280.	1.0	10
95	Blind Sharpness Prediction Based on Image-Based Motion Blur Analysis. IEEE Transactions on Broadcasting, 2015, 61, 1-15.	2.5	10
96	Enhanced particle-filtering framework for vessel segmentation and tracking. Computer Methods and Programs in Biomedicine, 2017, 148, 99-112.	2.6	10
97	A Simple Way of Multimodal and Arbitrary Style Transfer. , 2019, , .		10
98	A Greedy Pursuit Approach for Fitting 3D Facial Expression Models. IEEE Access, 2020, 8, 192682-192692.	2.6	10
99	Frequency Reuse Power Allocation for Broadband Cellular Networks. IEICE Transactions on Communications, 2006, E89-B, 531-538.	0.4	10
100	Temporal pooling of video quality estimates using perceptual motion models. , 2010, , .		9
101	Iterative Best Beam Selection for Random Unitary Beamforming. IEEE Transactions on Communications, 2011, 59, 968-974.	4.9	9
102	Distributed MIMO Ad-hoc Networks: Link Scheduling, Power Allocation, and Cooperative Beamforming. IEEE Transactions on Vehicular Technology, 2012, 61, 2586-2598.	3.9	9
103	Combinatorial Orthogonal Beamforming for Joint Processing and Transmission. IEEE Transactions on Communications, 2014, 62, 625-637.	4.9	9
104	Perceptual Crosstalk Prediction on Autostereoscopic 3D Display. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1450-1463.	5.6	9
105	3D Active Vessel Tracking Using an Elliptical Prior. IEEE Transactions on Image Processing, 2018, 27, 5933-5946.	6.0	9
106	Accurate Blind Lempel-Ziv-77 Parameter Estimation via 1-D to 2-D Data Conversion Over Convolutional Neural Network. IEEE Access, 2020, 8, 43965-43979.	2.6	9
107	A Comparison and Evaluation of Stereo Matching on Active Stereo Images. Sensors, 2022, 22, 3332.	2.1	9
108	Foveation-Based Error Resilience and Unequal Error Protection over Mobile Networks. Journal of Signal Processing Systems, 2003, 34, 149-166.	1.0	8

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109	Linearization of DFB LD by using Cross Gain Modulation of Reflective SOA in Radio-over-Fiber Link. Journal of the Optical Society of Korea, 2007, 11, 158-161.	0.6	8
110	OFDM-Based Semi-Soft Handover for High Data Rate Services. , 2007, , .		8
111	Throughput and QoS improvement via fixed relay station cooperated beam-forming. IEEE Transactions on Wireless Communications, 2009, 8, 2400-2409.	6.1	8
112	Perceptually Scalable Extension of H.264. IEEE Transactions on Circuits and Systems for Video Technology, 2011, 21, 1667-1678.	5.6	8
113	Cross-Layer Optimization for Downlink Wavelet Video Transmission. IEEE Transactions on Multimedia, 2011, 13, 813-823.	5.2	8
114	Spatio-temporal quality pooling accounting for transient severe impairments and egomotion. , 2011, , .		8
115	MIMO Broadcast Channels Based on SINR Feedback using a Non-Orthogonal Beamforming Matrix. IEEE Transactions on Communications, 2012, 60, 2534-2545.	4.9	8
116	A Multi-User MIMO Downlink Receiver and Quantizer Design Based on SINR Optimization. IEEE Transactions on Communications, 2012, 60, 559-568.	4.9	8
117	Implementation of Human Action Recognition System Using Multiple Kinect Sensors. Lecture Notes in Computer Science, 2015, , 334-343.	1.0	8
118	Identification and Restoration of LZ77 Compressed Data Using a Machine Learning Approach. , 2018, , .		8
119	A single to multi-wavelength converter using Fabry-Perot laser diode with linear optical amplifier and its applications to the wavelength division multiplexing-passive optical network system. Optics Communications, 2005, 254, 223-235.	1.0	7
120	Linearization of RoF Optical Source by using Light-injected Gain Modulation. , 2005, , .		7
121	Macroblock-Based Frequency Selective Weighting for Visual Scalable Video Coding of H.264/AVC. IEEE Transactions on Broadcasting, 2009, 55, 559-568.	2.5	7
122	Receiver Design for MIMO Relay Stations in Multi-Cell Downlink System. IEEE Transactions on Wireless Communications, 2012, 11, 2446-2456.	6.1	7
123	Hierarchical Multilevel on/off Source Traffic Modeling for a Warship Combat System. IEEE Journal of Oceanic Engineering, 2014, 39, 226-242.	2.1	7
124	A downlink power control algorithm for long-term energy efficiency of small cell network. Wireless Networks, 2015, 21, 2223-2236.	2.0	7
125	An enhanced multi-view human action recognition system for virtual training simulator. , 2016, , .		7
126	Reduction in encoding redundancy for overlapped FOVs over wireless visual sensor networks. , 2016, 50, 135-149.		7

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127	Theoretical-Analysis-Based Distributed Load Balancing Over Dynamic Overlay Clustering. IEEE Transactions on Vehicular Technology, 2016, 65, 6532-6546.	3.9	7
128	Optimal Flow Rate Control for SDN-Based Naval Systems. IEEE Transactions on Aerospace and Electronic Systems, 2017, 53, 2690-2705.	2.6	7
129	Effective Interference Nulling Virtual MIMO Broadcasting Transceiver for Multiple Relaying. IEEE Access, 2017, 5, 20695-20706.	2.6	7
130	Error detection algorithm for Lempel-Ziv-77 compressed data. Journal of Communications and Networks, 2019, 21, 100-112.	1.8	7
131	Human Skeleton Data Augmentation for Person Identification over Deep Neural Network. Applied Sciences (Switzerland), 2020, 10, 4849.	1.3	7
132	Gradient Flow Evolution for 3D Fusion From a Single Depth Sensor. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 2211-2225.	5.6	7
133	Compensation of intermodulation distortion of laser diode by using optoelectronically predistorted signals. Microwave and Optical Technology Letters, 2006, 48, 1144-1148.	0.9	6
134	Modulation characteristics of RSOA in hybrid WDM/SCM-PON optical link. , 2006, , .		6
135	Implementation of DWT-based adaptive mode selection for LCD overdrive. IEEE Transactions on Consumer Electronics, 2011, 57, 771-778.	3.0	6
136	Visualization of liquid water movement on the micro sub-channels of flow paths in a proton exchange membrane fuel cell cathode separator. Journal of Mechanical Science and Technology, 2011, 25, 957-961.	0.7	6
137	Heat-Transfer Characteristics of a Non-Rotating Two-Pass Rectangular Duct With Various Guide Vanes in the Tip Turn Region. Journal of Turbomachinery, 2012, 134, .	0.9	6
138	Virtual MIMO broadcasting transceiver design for multi-hop relay networks. , 2015, 46, 97-107.		6
139	A Target Position Decision Algorithm Based on Analysis of Path Departure for an Autonomous Path Keeping System. Wireless Personal Communications, 2015, 83, 1843-1865.	1.8	6
140	Cooperative content and radio resource allocation for visual information maximization in a digital signage scenario. , 2015, 45, 24-35.		6
141	An identification framework for print-scan books in a large database. Information Sciences, 2017, 396, 33-54.	4.0	6
142	A Simple Method on Generating Synthetic Data for Training Real-time Object Detection Networks. , 2018, , .		6
143	Optimal Camera Point Selection Toward the Most Preferable View of 3-D Human Pose. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 533-553.	5.9	6
144	Implementation of Multimode-Multilevel Block Truncation Coding for LCD Overdrive. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2012, E95.A, 867-875.	0.2	6

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145	Low delay foveated visual communications over wireless channels. , 0, , .		5
146	Very low bit rate foveated video coding for H.263. , 1999, , .		5
147	Multi-cell communications for OFDM-based asynchronous networks over multi-cell environments. Wireless Networks, 2009, 15, 917-930.	2.0	5
148	Material design of a film cooling system using experimental heat transfer data. International Journal of Heat and Mass Transfer, 2012, 55, 6278-6284.	2.5	5
149	A Pervasive Network Control Algorithm for Multicamera Networks. IEEE Sensors Journal, 2014, 14, 1280-1294.	2.4	5
150	Link Capacity-Energy Aware WDC for Network Lifetime Maximization. IEEE Transactions on Mobile Computing, 2015, 14, 1615-1628.	3.9	5
151	Mutual Interference Analysis of FBMC based Return Channel for Bidirectional T-DMB System. IEEE Transactions on Vehicular Technology, 2016, , 1-1.	3.9	5
152	Cross-antenna interference cancellation and channel estimation for MISO-FBMC/QAM-based eMBMS. Wireless Networks, 2018, 24, 3281-3293.	2.0	5
153	Robust Facial Pose Estimation Using Landmark Selection Method for Binocular Stereo Vision. , 2018, , .		5
154	Modern trends on quality of experience assessment and future work. APSIPA Transactions on Signal and Information Processing, 2019, 8, .	2.6	5
155	Multiple Sensor Synchronization with theRealSense RGB-D Camera. Sensors, 2021, 21, 6276.	2.1	5
156	Model-Based Quality Estimation of Fingerprint Images. Lecture Notes in Computer Science, 2005, , 229-235.	1.0	5
157	Analyses of refrigerator noises. , 2005, , .		4
158	Feedback harmonic injection technique for reduction of third intermodulation distortion in radio-over-fiber link. Microwave and Optical Technology Letters, 2006, 48, 2072-2074.	0.9	4
159	The MAI Mitigation Scheme for OFDM-based Asynchronous Networks over Multi-Cell Environments. IEEE Vehicular Technology Conference, 2008, , .	0.2	4
160	Theoretical investigation of the input power dynamic range enhancement of XPM wavelength converter using a CW holding beam. Optical and Quantum Electronics, 2009, 41, 349-362.	1.5	4
161	Increasing Throughput and QoS Using Bandwidth and Region Division with Frequency Overlay over Multicell Environments. IEICE Transactions on Communications, 2009, E92-B, 85-92.	0.4	4
162	Definition of a new service class, artPS for video services over WiBro/Mobile WiMAX systems. Wireless Networks, 2011, 17, 103-117.	2.0	4

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163	Hierarchical modulation-based cooperation utilizing relay-assistant full-duplex diversity. <i>Wireless Networks</i> , 2011, 17, 583-595.	2.0	4
164	Structural similarity based image compression for LCD overdrive. <i>IEEE Transactions on Consumer Electronics</i> , 2012, 58, 1276-1284.	3.0	4
165	Hierarchical modulation based cooperative relaying over a multi-cell OFDMA network. <i>Wireless Networks</i> , 2013, 19, 577-590.	2.0	4
166	Effective channel control random beamforming for single user MIMO systems. <i>Wireless Networks</i> , 2013, 19, 175-186.	2.0	4
167	Cooperative and joint video multicast over MIMO OFDM networks. , 2014, 33, 98-115.		4
168	Low-complexity and robust comic fingerprint method for comic identification. <i>Signal Processing: Image Communication</i> , 2015, 39, 1-16.	1.8	4
169	Optimal Beam Steering for Maximal Visual Quality Over a Multimedia Broadcasting System. <i>IEEE Transactions on Broadcasting</i> , 2016, 62, 35-45.	2.5	4
170	Scattered Reference Symbol-Based Channel Estimation and Equalization for FBMC-QAM Systems. <i>IEEE Transactions on Communications</i> , 2017, , 1-1.	4.9	4
171	Robust Fingerprinting Method for Webtoon Identification in Large-Scale Databases. <i>IEEE Access</i> , 2018, 6, 37932-37946.	2.6	4
172	Dictionary based Compression Type Classification using a CNN Architecture. , 2019, , .		4
173	Ensemble Learning for Skeleton-Based Body Mass Index Classification. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7812.	1.3	4
174	Partial Gated Feedback Recurrent Neural Network for Data Compression Type Classification. <i>IEEE Access</i> , 2020, 8, 151426-151436.	2.6	4
175	Reverse Link Capacity Analysis over Multi-Cell Environments. <i>IEICE Transactions on Communications</i> , 2006, E89-B, 3479-3482.	0.4	4
176	Device-Aware Visual Quality Adaptation for Wireless N-Screen Multicast Systems. <i>IEICE Transactions on Communications</i> , 2013, E96.B, 3181-3189.	0.4	4
177	Sparse Checkerboard Corner Detection from Global Perspective. , 2021, , .		4
178	Action Recognition Using Close-Up of Maximum Activation and ETRI-Activity3D LivingLab Dataset. <i>Sensors</i> , 2021, 21, 6774.	2.1	4
179	An Efficient Human Instance-Guided Framework for Video Action Recognition. <i>Sensors</i> , 2021, 21, 8309.	2.1	4
180	Optimization of a small to-can package electrical design for SFF/SFP optical transceiver modules. <i>Microwave and Optical Technology Letters</i> , 2004, 40, 239-242.	0.9	3

#	ARTICLE	IF	CITATIONS
181	The Cell Planning Scheme for ICI Mitigation. , 2007, , .		3
182	Dynamic Session Control for Scalable Video Coding over IMS. IEEE Vehicular Technology Conference, 2008, , .	0.2	3
183	Implementation of Multimodal Interactive Continuous Scoring for 3D Quality of Experience. Wireless Personal Communications, 2015, 84, 1133-1149.	1.8	3
184	Maximum SINR-Based Receive Combiner for Cognitive MU-MIMO Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 4344-4350.	3.9	3
185	Visual attention analysis on stereoscopic images for subjective discomfort evaluation. , 2016, , .		3
186	A restoration method for distorted comics to improve comic contents identification. International Journal on Document Analysis and Recognition, 2017, 20, 223-240.	2.7	3
187	ConcatNet: A Deep Architecture of Concatenation-Assisted Network for Dense Facial Landmark Alignment. , 2018, , .		3
188	Effects of Polyacrylonitrile Anchoring Polymer Layer Solder Anisotropic Conductive Films on the Solder Ball Movement for Fine-Pitch Flex-on-Flex (FOF) Assembly. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2019, 9, 830-835.	1.4	3
189	CNN-Based Blind Quality Prediction On Stereoscopic Images Via Patch To Image Feature Pooling. , 2019, , .		3
190	Compression Gain Measurements Using ROI-Based Data Reduction. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2006, E89-A, 2985-2989.	0.2	3
191	Self-Updatable Database System Based on Human Motion Assessment Framework. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 7160-7176.	5.6	3
192	Motion estimation and compensation for foveated video. , 1999, , .		2
193	Foveation-based error resilience for video transmission over mobile networks. , 0, , .		2
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