Young-Ho Seo

List of Publications by Year
in descending order

34 papers	295 citations	933447 10 h-index	940533 16 g-index
35 all docs	35 docs citations	35 times ranked	179 citing authors

#	Article	IF	Citations
1	Convolutional Neural Network-Based Digital Image Watermarking Adaptive to the Resolution of Image and Watermark. Applied Sciences (Switzerland), 2020, 10, 6854.	2.5	36
2	3D scanning-based compression technique for digital hologram video. Signal Processing: Image Communication, 2007, 22, 144-156.	3.2	29
3	Digital watermarking technique for holography interference patterns in a transform domain. Optics and Lasers in Engineering, 2008, 46, 343-348.	3.8	18
4	Digital hologram encryption using discrete wavelet packet transform. Optics Communications, 2009, 282, 367-377.	2.1	18
5	ASIC chipset design to generate block-based complex holographic video. Applied Optics, 2017, 56, D52.	2.1	18
6	Information hiding for digital holograms by electronic partial encryption methods. Optics Communications, 2007, 277, 277-287.	2.1	17
7	Hardware architecture of high-performance digital hologram generator on the basis of a pixel-by-pixel calculation scheme. Applied Optics, 2012, 51, 4003.	1.8	17
8	Blind Image Watermarking Based on Adaptive Data Spreading in n-Level DWT Subbands. Security and Communication Networks, 2019, 2019, 1-11.	1.5	17
9	Lossy coding technique for digital holographic signal. Optical Engineering, 2006, 45, 065802.	1.0	14
10	Scalable hologram video coding for adaptive transmitting service. Applied Optics, 2013, 52, A254.	1.8	11
11	Digital holographic video service system for natural color scene. Optical Engineering, 2013, 52, 113106.	1.0	11
12	High-speed computer-generated hologram based on resource optimization for block-based parallel processing. Applied Optics, 2018, 57, 3511.	1.8	11
13	High-Performance Computer-Generated Hologram by Optimized Implementation of Parallel GPGPUs. Journal of the Optical Society of Korea, 2014, 18, 698-705.	0.6	9
14	Alternative negative weight for simpler hardware implementation of synapse device based neuromorphic system. Scientific Reports, 2021, 11, 23198.	3.3	9
15	A new parallel hardware architecture for high-performance stereo matching calculation. The Integration VLSI Journal, 2015, 51, 81-91.	2.1	8
16	Deep-learning-based hologram generation using a generative model. Applied Optics, 2021, 60, 7391.	1.8	8
17	Hardware implementation of 128-bit symmetric cipher SEED. , 0, , .		7
18	Holographic augmented reality based on three-dimensional volumetric imaging for a photorealistic scene. Optics Express, 2020, 28, 35972.	3.4	7

#	ARTICLE	IF	CITATIONS
19	Multinary Data Processing Based on Nonlinear Synaptic Devices. Journal of Electronic Materials, 2021, 50, 3471-3477.	2.2	5
20	Digital Image Watermarking Processor Based on Deep Learning. Electronics (Switzerland), 2021, 10, 1183.	3.1	5
21	Digital hologram watermarking by embedding Fresnel-diffracted watermark data. Optical Engineering, 2019, 58, 1.	1.0	5
22	Iterative extrinsic calibration using virtual viewpoint for 3D reconstruction. Signal Processing, 2022, 197, 108535.	3.7	5
23	New compression method for full-complex holograms using the modified zerotree algorithm with the adaptive discrete wavelet transform. Optics Express, 2020, 28, 36327.	3.4	4
24	An On-Chip Learning Method for Neuromorphic Systems Based on Non-Ideal Synapse Devices. Electronics (Switzerland), 2020, 9, 1946.	3.1	3
25	Digital Hologram Watermarking Based on Multiple Deep Neural Networks Training Reconstruction and Attack. Sensors, 2021, 21, 4977.	3.8	2
26	Interference Pattern Generation by using Deep Learning based on GAN. , 2019, , .		1
27	Pattern generation for verification of VHDL behavioral-level design. , 0, , .		0
28	Digital Hologram Coding. , 0, , .		0
29	A Content Hiding Method for Digital Hologram Using Multiple Fresnel Diffraction. Applied Sciences (Switzerland), 2020, 10, 4897.	2.5	0
30	Intra Prediction-Based Hologram Phase Component Coding Using Modified Phase Unwrapping. Applied Sciences (Switzerland), 2021, 11, 2194.	2.5	0
31	Gradual transmittance controllable device via ion intercalation for spatial light modulators. Optical Materials Express, 2021, 11, 1497.	3.0	0
32	An Electronic Watermarking Technique for Digital Hologram. , 2008, , .		0
33	A Study on the Compression Efficiency of a Digital Hologram Video using Domain Transforms and H.265/HEVC. Journal of Broadcast Engineering, 2016, 21, 592-608.	0.1	0
34	3D Static Point Cloud Registration by Estimating Temporal Human Pose at Multiview. Sensors, 2022, 22, 1097.	3.8	0