

Yuning Zhang

List of Publications by Year in descending order

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42
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docs citations

42
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	Polarization volume grating with high efficiency and large diffraction angle. Optics Express, 2016, 24, 17746.	1.7	100
2	A Hybrid Spatial-Temporal Color Display With Local-Primary-Desaturation Backlight Scheme. Journal of Display Technology, 2011, 7, 665-673.	1.3	70
3	Liquid-crystal-based polarization volume grating applied for full-color waveguide displays. Optics Letters, 2018, 43, 5773.	1.7	69
4	Motion-blur characterization on liquid-crystal displays. Journal of the Society for Information Display, 2008, 16, 587-593.	0.8	27
5	Color Breakup Suppression by Local Primary Desaturation in Field-Sequential Color LCDs. Journal of Display Technology, 2011, 7, 55-61.	1.3	26
6	Method for predicting motion artifacts in matrix displays. Journal of the Society for Information Display, 2006, 14, 957.	0.8	24
7	Characterization and Optimization of Field of View in a Holographic Waveguide Display. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	19
8	Holographic Recording Performance of Acrylate-Based Photopolymer under Different Preparation Conditions for Waveguide Display. Polymers, 2021, 13, 936.	2.0	18
9	Dynamic modulation transfer function: a method to characterize the temporal performance of liquid-crystal displays. Optics Letters, 2008, 33, 533.	1.7	15
10	Diffraction Efficiency Distribution of Output Grating in Holographic Waveguide Display System. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	15
11	A field-sequential-color display with a local-primary-desaturation backlight scheme. Journal of the Society for Information Display, 2011, 19, 242.	0.8	15
12	Holographic Waveguide Display With Large Field of View and High Light Efficiency Based on Polarized Volume Holographic Grating. IEEE Photonics Journal, 2022, 14, 1-7.	1.0	15
13	A field-sequential-color display with a local-primary-desaturation backlight scheme. Journal of the Society for Information Display, 2011, 19, 258-264.	0.8	13
14	Modeling and optimizing the chromatic holographic waveguide display system. Applied Optics, 2019, 58, G84.	0.9	13
15	A New Color Breakup Measure Based on Color Difference Between Fields and Contrast to the Surrounding. Journal of Display Technology, 2012, 8, 145-153.	1.3	10
16	Exit Pupil Expansion Based on Polarization Volume Grating. Crystals, 2021, 11, 333.	1.0	9
17	Realizing the imaging simulation of reflective polarization volume gratings. Optics Express, 2022, 30, 6355.	1.7	9
18	Non-line-of-sight imaging and tracking of moving objects based on deep learning. Optics Express, 2022, 30, 16758.	1.7	8

#	ARTICLE	IF	CITATIONS
19	Application of Solvent Modified PEDOT:PSS in All-Solution-Processed Inverted Quantum Dot Light-Emitting Diodes. Journal of Display Technology, 2016, 12, 1157-1161.	1.3	7
20	Color breakup visibility thresholds for 2â€field sequential colors. Color Research and Application, 2017, 42, 580-590.	0.8	5
21	Influence of the ambient illuminance on the subjective brightness measurements. Journal of the Society for Information Display, 2019, 27, 127-137.	0.8	5
22	Application of Field Emission as Backlight Unit for Liquid Crystal Displays. Journal of Nanoscience and Nanotechnology, 2012, 12, 6449-6452.	0.9	4
23	3-3: Study on the Field of View Properties for a Holographic Waveguide Display System. Digest of Technical Papers SID International Symposium, 2016, 47, 7-10.	0.1	4
24	Pupil Size Estimation Based on Spatially Weighted Corneal Flux Density. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	4
25	A Review of Color Breakup Assessment for Field Sequential Color Display. Information Display, 2019, 35, 13-43.	0.1	4
26	10.2: Motion Artifact Analysis on Scanning Backlight LCD. Digest of Technical Papers SID International Symposium, 2008, 39, 113-116.	0.1	3
27	Evaluation of motion performance on scanningâ€backlight LCDs. Journal of the Society for Information Display, 2009, 17, 251-261.	0.8	3
28	59-1: <i>Invited Paper</i>: Modeling and Suppressing of Color Breakup. Digest of Technical Papers SID International Symposium, 2016, 47, 798-801.	0.1	3
29	Simulation of color breakup based on measured display temporal responses. Journal of the Society for Information Display, 2017, 25, 653-662.	0.8	3
30	Motionâ€blur characterization with simulation method for mobile LCDs. Journal of the Society for Information Display, 2008, 16, 1115-1123.	0.8	2
31	65.1: Color Breakup Reduction by Localâ€Primaryâ€Desaturation in Colorâ€Filterless LCDs. Digest of Technical Papers SID International Symposium, 2011, 42, 960-963.	0.1	2
32	26â€2: Invited Paper: A Holographic Waveguide Display with Polarization Volume Gratings. Digest of Technical Papers SID International Symposium, 2020, 51, 375-378.	0.1	2
33	Pâ€31: Theory and Application of Paired Comparison Methods in Display and Lighting Preference Study. Digest of Technical Papers SID International Symposium, 2012, 43, 1174-1177.	0.1	1
34	Pâ€74: Adaptable Light Beaming and Shaping with Lens Array. Digest of Technical Papers SID International Symposium, 2014, 45, 1262-1265.	0.1	1
35	Color Correction in Color Sequential LCDs. Journal of Display Technology, 2014, 10, 623-628.	1.3	1
36	Adjustable beam lighting with LED matrix and lens array. Journal of the Society for Information Display, 2017, 25, 496-503.	0.8	1

#	ARTICLE	IF	CITATIONS
37	P&E103: Optimization of Field of View and Color Uniformity in a Holographic Waveguide Display. Digest of Technical Papers SID International Symposium, 2017, 48, 1634-1637.	0.1	1
38	6.3: Adaptable Light Beaming and Shaping with LED Matrix and Lens Array. Digest of Technical Papers SID International Symposium, 2015, 46, 45-48.	0.1	0
39	19-4: Stereoscopic Hologram Calculation based on Gerchberg-Saxton (GS) Algorithm. Digest of Technical Papers SID International Symposium, 2016, 47, 231-234.	0.1	0
40	A 2D-3D Display With a 120-Hz Hybrid Spatial-Temporal Color LCD. Journal of Display Technology, 2016, 12, 294-301.	1.3	0
41	23.2: <i>Invited Paper:</i> Influence of the Ambient Illuminance on the Subjective Brightness Measurements. Digest of Technical Papers SID International Symposium, 2018, 49, 242-247.	0.1	0
42	56.1: <i>Invited Paper:</i> A Holographic Waveguide Display with Polarization Volume Gratings. Digest of Technical Papers SID International Symposium, 2021, 52, 405-409.	0.1	0