

# Yuning Zhang

## List of Publications by Year in descending order

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Realizing the imaging simulation of reflective polarization volume gratings. Optics Express, 2022, 30, 6355.	1.7	9
3	Non-line-of-sight imaging and tracking of moving objects based on deep learning. Optics Express, 2022, 30, 16758.	1.7	8
4	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
5	Holographic Recording Performance of Acrylate-Based Photopolymer under Different Preparation Conditions for Waveguide Display. Polymers, 2021, 13, 936.	2.0	18
6	Exit Pupil Expansion Based on Polarization Volume Grating. Crystals, 2021, 11, 333.	1.0	9
7	26&#x2013; Invited Paper: A Holographic Waveguide Display with Polarization Volume Gratings. Digest of Technical Papers SID International Symposium, 2020, 51, 375-378.	0.1	2
8	Pupil Size Estimation Based on Spatially Weighted Corneal Flux Density. IEEE Photonics Journal, 2019, 11, 1-9.	1.0	4
9	A Review of Color Breakup Assessment for Field Sequential Color Display. Information Display, 2019, 35, 13-43.	0.1	4
10	Influence of the ambient illuminance on the subjective brightness measurements. Journal of the Society for Information Display, 2019, 27, 127-137.	0.8	5
11	Modeling and optimizing the chromatic holographic waveguide display system. Applied Optics, 2019, 58, C84.	0.9	13
12	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
13	Diffraction Efficiency Distribution of Output Grating in Holographic Waveguide Display System. IEEE Photonics Journal, 2018, 10, 1-10.	1.0	15
14	Liquid-crystal-based polarization volume grating applied for full-color waveguide displays. Optics Letters, 2018, 43, 5773.	1.7	69
15	Color breakup visibility thresholds for 2&#x2013;field sequential colors. Color Research and Application, 2017, 42, 580-590.	0.8	5
16	Adjustable beam lighting with LED matrix and lens array. Journal of the Society for Information Display, 2017, 25, 496-503.	0.8	1
17	P&#x2013;103: 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
18	Simulation of color breakup based on measured display temporal responses. Journal of the Society for Information Display, 2017, 25, 653-662.	0.8	3

#	ARTICLE	IF	CITATIONS
19	Characterization and Optimization of Field of View in a Holographic Waveguide Display. IEEE Photonics Journal, 2017, 9, 1-11.	1.0	19
20	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
21	59-1: Invited Paper: Modeling and Suppressing of Color Breakup. Digest of Technical Papers SID International Symposium, 2016, 47, 798-801.	0.1	3
22	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
23	Polarization volume grating with high efficiency and large diffraction angle. Optics Express, 2016, 24, 17746.	1.7	100
24	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
25	A 2D-3D Display With a 120-Hz Hybrid Spatial-Temporal Color LCD. Journal of Display Technology, 2016, 12, 294-301.	1.3	0
26	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
27	74: Adaptable Light Beaming and Shaping with Lens Array. Digest of Technical Papers SID International Symposium, 2014, 45, 1262-1265.	0.1	1
28	Color Correction in Color Sequential LCDs. Journal of Display Technology, 2014, 10, 623-628.	1.3	1
29	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
30	Application of Field Emission as Backlight Unit for Liquid Crystal Displays. Journal of Nanoscience and Nanotechnology, 2012, 12, 6449-6452.	0.9	4
31	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
32	Color Breakup Suppression by Local Primary Desaturation in Field-Sequential Color LCDs. Journal of Display Technology, 2011, 7, 55-61.	1.3	26
33	A Hybrid Spatial-Temporal Color Display With Local-Primary-Desaturation Backlight Scheme. Journal of Display Technology, 2011, 7, 665-673.	1.3	70
34	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
35	65.1: Color Breakup Reduction by Local-Primary-Desaturation in Color-Filterless LCDs. Digest of Technical Papers SID International Symposium, 2011, 42, 960-963.	0.1	2
36	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

#	ARTICLE	IF	CITATIONS
37	Evaluation of motion performance on scanning-backlight LCDs. Journal of the Society for Information Display, 2009, 17, 251-261.	0.8	3
38	Dynamic modulation transfer function: a method to characterize the temporal performance of liquid-crystal displays. Optics Letters, 2008, 33, 533.	1.7	15
39	Motion-blur characterization on liquid-crystal displays. Journal of the Society for Information Display, 2008, 16, 587-593.	0.8	27
40	Motion-blur characterization with simulation method for mobile LCDs. Journal of the Society for Information Display, 2008, 16, 1115-1123.	0.8	2
41	10.2: Motion Artifact Analysis on Scanning Backlight LCD. Digest of Technical Papers SID International Symposium, 2008, 39, 113-116.	0.1	3
42	Method for predicting motion artifacts in matrix displays. Journal of the Society for Information Display, 2006, 14, 957.	0.8	24