

# Gordon Wetzstein

## List of Publications by Year in descending order

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Version: 2024-02-01

190  
papers

9,798  
citations

50276

46  
h-index

51608

86  
g-index

190  
all docs

190  
docs citations

190  
times ranked

5210  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Simultaneous whole-animal 3D imaging of neuronal activity using light-field microscopy. Nature Methods, 2014, 11, 727-730.   | 19.0 | 672       |
| 2  | Inference in artificial intelligence with deep optics and photonics. Nature, 2020, 588, 39-47.   | 27.8 | 418       |
| 3  | Tensor displays. ACM Transactions on Graphics, 2012, 31, 1-11.   | 7.2  | 336       |
| 4  | Compressive light field photography using overcomplete dictionaries and optimized projections. ACM Transactions on Graphics, 2013, 32, 1-12.   | 7.2  | 326       |
| 5  | Hybrid optical-electronic convolutional neural networks with optimized diffractive optics for image classification. Scientific Reports, 2018, 8, 12324.  | 3.3  | 296       |
| 6  | Confocal non-line-of-sight imaging based on the light-cone transform. Nature, 2018, 555, 338-341.  | 27.8 | 290       |
| 7  | Saliency in VR: How Do People Explore Virtual Environments?. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 1633-1642.  | 4.4  | 289       |
| 8  | pi-GAN: Periodic Implicit Generative Adversarial Networks for 3D-Aware Image Synthesis. , 2021, , .  |      | 289       |
| 9  | State of the Art on Neural Rendering. Computer Graphics Forum, 2020, 39, 701-727.  | 3.0  | 234       |
| 10 | End-to-end optimization of optics and image processing for achromatic extended depth of field and super-resolution imaging. ACM Transactions on Graphics, 2018, 37, 1-13.                            | 7.2  | 230       |
| 11 | Toward the next-generation VR/AR optics: a review of holographic near-eye displays from a human-centric perspective. Optica, 2020, 7, 1563.  | 9.3  | 216       |
| 12 | DeepVoxels: Learning Persistent 3D Feature Embeddings. , 2019, , .   |      | 208       |
| 13 | Neural holography with camera-in-the-loop training. ACM Transactions on Graphics, 2020, 39, 1-14.  | 7.2  | 208       |
| 14 | The light field stereoscope. ACM Transactions on Graphics, 2015, 34, 1-12.   | 7.2  | 189       |
| 15 | Fast and flexible convolutional sparse coding. , 2015, , .   |      | 162       |
| 16 | Layered 3D. ACM Transactions on Graphics, 2011, 30, 1-12.  | 7.2  | 153       |
| 17 | Optimizing virtual reality for all users through gaze-contingent and adaptive focus displays. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2183-2188. | 7.1  | 144       |
| 18 | Wave-based non-line-of-sight imaging using fast <i>f-k</i> migration. ACM Transactions on Graphics, 2019, 38, 1-13.  | 7.2  | 135       |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 19 | Roadmap on digital holography [Invited]. Optics Express, 2021, 29, 35078.  | 3.4  | 133       |
| 20 | Single-photon 3D imaging with deep sensor fusion. ACM Transactions on Graphics, 2018, 37, 1-12.  | 7.2  | 120       |
| 21 | Dual-coded compressive hyperspectral imaging. Optics Letters, 2014, 39, 2044.  | 3.3  | 118       |
| 22 | Photonic Multitasking Interleaved Si Nanoantenna Phased Array. Nano Letters, 2016, 16, 7671-7676.  | 9.1  | 113       |
| 23 | Non-line-of-sight imaging. Nature Reviews Physics, 2020, 2, 318-327.   | 26.6 | 113       |
| 24 | Polarization fields. ACM Transactions on Graphics, 2011, 30, 1-10.   | 7.2  | 105       |
| 25 | Roadmap on 3D integral imaging: sensing, processing, and display. Optics Express, 2020, 28, 32266.   | 3.4  | 105       |
| 26 | A survey on computational displays: Pushing the boundaries of optics, computation, and perception. Computers and Graphics, 2013, 37, 1012-1038.                          | 2.5  | 98        |
| 27 | Learned rotationally symmetric diffractive achromat for full-spectrum computational imaging. Optica, 2020, 7, 913.   | 9.3  | 91        |
| 28 | Deep Optics for Monocular Depth Estimation and 3D Object Detection. , 2019, , .  |      | 85        |
| 29 | The Visual Computing of Projectorâ€™Camera Systems. Computer Graphics Forum, 2008, 27, 2219-2245.  | 3.0  | 84        |
| 30 | Autolnt: Automatic Integration for Fast Neural Volume Rendering. , 2021, , .   |      | 81        |
| 31 | Towards a Machine-Learning Approach for Sickness Prediction in 360Â° Stereoscopic Videos. IEEE Transactions on Visualization and Computer Graphics, 2018, 24, 1594-1603. | 4.4  | 79        |
| 32 | Learned large field-of-view imaging with thin-plate optics. ACM Transactions on Graphics, 2019, 38, 1-14.  | 7.2  | 78        |
| 33 | Convolutional Sparse Coding for High Dynamic Range Imaging. Computer Graphics Forum, 2016, 35, 153-163.  | 3.0  | 77        |
| 34 | Electron Ghost Imaging. Physical Review Letters, 2018, 121, 114801.  | 7.8  | 77        |
| 35 | Non-line-of-sight Imaging with Partial Occluders and Surface Normals. ACM Transactions on Graphics, 2019, 38, 1-10.  | 7.2  | 76        |
| 36 | Acorn. ACM Transactions on Graphics, 2021, 40, 1-13.   | 7.2  | 75        |

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|----|--|------|-----------|
| 37 | Movie editing and cognitive event segmentation in virtual reality video. ACM Transactions on Graphics, 2017, 36, 1-12.   | 7.2  | 72        |
| 38 | Neural 3D holography. ACM Transactions on Graphics, 2021, 40, 1-12.  | 7.2  | 72        |
| 39 | Eyeglasses-free display. ACM Transactions on Graphics, 2014, 33, 1-12.   | 7.2  | 69        |
| 40 | Computational Plenoptic Imaging. Computer Graphics Forum, 2011, 30, 2397-2426.   | 3.0  | 68        |
| 41 | Sub-picosecond photon-efficient 3D imaging using single-photon sensors. Scientific Reports, 2018, 8, 17726.  | 3.3  | 68        |
| 42 | Radiometric Compensation through Inverse Light Transport. , 2007, , .  |      | 67        |
| 43 | Accommodation-invariant computational near-eye displays. ACM Transactions on Graphics, 2017, 36, 1-12.   | 7.2  | 67        |
| 44 | Reconstructing Transient Images from Single-Photon Sensors. , 2017, , .  |      | 67        |
| 45 | A compressive light field projection system. ACM Transactions on Graphics, 2014, 33, 1-12.   | 7.2  | 66        |
| 46 | Deep Optics for Single-Shot High-Dynamic-Range Imaging. , 2020, , .  |      | 66        |
| 47 | Focus 3D. ACM Transactions on Graphics, 2013, 32, 1-13.  | 7.2  | 65        |
| 48 | Speckle-free holography with partially coherent light sources and camera-in-the-loop calibration. Science Advances, 2021, 7, eabg5040.   | 10.3 | 65        |
| 49 | Refractive shape from light field distortion. , 2011, , .  |      | 64        |
| 50 | Neural Lumigraph Rendering. , 2021, , .  |      | 63        |
| 51 | Novel Optical Configurations for Virtual Reality. , 2016, , .  |      | 62        |
| 52 | Three-dimensional imaging through scattering media based on confocal diffuse tomography. Nature Communications, 2020, 11, 4517.  | 12.8 | 62        |
| 53 | Deep End-to-End Time-of-Flight Imaging. , 2018, , .  |      | 60        |
| 54 | Neural Sensors: Learning Pixel Exposures for HDR Imaging and Video Compressive Sensing With Programmable Sensors. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 1642-1653. | 13.9 | 58        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 55 | Optimizing image quality for holographic near-eye displays with Michelson Holography. Optica, 2021, 8, 143.  | 9.3  | 58        |
| 56 | Acoustic Non-Line-Of-Sight Imaging. , 2019, , .  |      | 57        |
| 57 | The visual computing of projector-camera systems. , 2008, , .  |      | 56        |
| 58 | Cortical Observation by Synchronous Multifocal Optical Sampling Reveals Widespread Population Encoding of Actions. Neuron, 2020, 107, 351-367.e19. | 8.1  | 56        |
| 59 | Extended field-of-view and increased-signal 3D holographic illumination with time-division multiplexing. Optics Express, 2015, 23, 32573.          | 3.4  | 55        |
| 60 | Holographic near-eye displays based on overlap-add stereograms. ACM Transactions on Graphics, 2019, 38, 1-13.                                      | 7.2  | 51        |
| 61 | Computational imaging with multi-camera time-of-flight systems. ACM Transactions on Graphics, 2016, 35, 1-11.                                      | 7.2  | 49        |
| 62 | 3D Displays. Annual Review of Vision Science, 2016, 2, 397-435.  | 4.4  | 47        |
| 63 | ProxImaL. ACM Transactions on Graphics, 2016, 35, 1-15.  | 7.2  | 45        |
| 64 | Shift-variant color-coded diffractive spectral imaging system. Optica, 2021, 8, 1424.  | 9.3  | 44        |
| 65 | LiFF: Light Field Features in Scale and Depth. , 2019, , .   |      | 43        |
| 66 | Coded aperture projection. ACM Transactions on Graphics, 2010, 29, 1-12.   | 7.2  | 41        |
| 67 | Doppler time-of-flight imaging. ACM Transactions on Graphics, 2015, 34, 1-11.  | 7.2  | 41        |
| 68 | A Light-Field Metasurface for High-Resolution Single-Particle Tracking. Nano Letters, 2019, 19, 2267-2271.   | 9.1  | 41        |
| 69 | Hand-held Schlieren Photography with Light Field probes. , 2011, , .   |      | 40        |
| 70 | Display adaptive 3D content remapping. Computers and Graphics, 2013, 37, 983-996.  | 2.5  | 40        |
| 71 | Gaze-Contingent Ocular Parallax Rendering for Virtual Reality. ACM Transactions on Graphics, 2020, 39, 1-12.                                       | 7.2  | 40        |
| 72 | On Plenoptic Multiplexing and Reconstruction. International Journal of Computer Vision, 2013, 101, 384-400.  | 15.6 | 38        |

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 73 | Varifocal Occlusion-Capable Optical See-through Augmented Reality Display based on Focus-tunable Optics. IEEE Transactions on Visualization and Computer Graphics, 2019, 25, 3125-3134.            | 4.4  | 38        |
| 74 | SPADnet: deep RGB-SPAD sensor fusion assisted by monocular depth estimation. Optics Express, 2020, 28, 14948.  | 3.4  | 37        |
| 75 | Single-shot Hyperspectral-Depth Imaging with Learned Diffractive Optics. , 2021, , .   |      | 34        |
| 76 | The light field stereoscope. , 2015, , .   |      | 33        |
| 77 | SpinVR. ACM Transactions on Graphics, 2017, 36, 1-12.  | 7.2  | 33        |
| 78 | Polarization fields. , 2011, , .   |      | 32        |
| 79 | Holographic pancake optics for thin and lightweight optical see-through augmented reality. Optics Express, 2021, 29, 35206.  | 3.4  | 32        |
| 80 | Compressive Light Field Displays. IEEE Computer Graphics and Applications, 2012, 32, 6-11.   | 1.2  | 31        |
| 81 | Factored Occlusion: Single Spatial Light Modulator Occlusion-capable Optical See-through Augmented Reality Display. IEEE Transactions on Visualization and Computer Graphics, 2020, 26, 1871-1879. | 4.4  | 31        |
| 82 | Layered 3D. , 2011, , .  |      | 30        |
| 83 | Convolutional Sparse Coding for RGB+NIR Imaging. IEEE Transactions on Image Processing, 2018, 27, 1611-1625.   | 9.8  | 29        |
| 84 | A switchable light field camera architecture with Angle Sensitive Pixels and dictionary-based sparse coding. , 2014, , .   |      | 28        |
| 85 | Autofocals: Evaluating gaze-contingent eyeglasses for presbyopes. Science Advances, 2019, 5, eaav6187.   | 10.3 | 28        |
| 86 | Frequency Analysis of Transient Light Transport with Applications in Bare Sensor Imaging. Lecture Notes in Computer Science, 2012, , 542-555.  | 1.3  | 27        |
| 87 | Tensor low-rank and sparse light field photography. Computer Vision and Image Understanding, 2016, 145, 172-181.   | 4.7  | 26        |
| 88 | A convex 3D deconvolution algorithm for low photon count fluorescence imaging. Scientific Reports, 2018, 8, 11489.   | 3.3  | 25        |
| 89 | Keyhole Imaging: Non-Line-of-Sight Imaging and Tracking of Moving Objects Along a Single Optical Path. IEEE Transactions on Computational Imaging, 2021, 7, 1-12.                                  | 4.4  | 25        |
| 90 | Event-Based Near-Eye Gaze Tracking Beyond 10,000 Hz. IEEE Transactions on Visualization and Computer Graphics, 2021, 27, 2577-2586.  | 4.4  | 25        |

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|-----|---|------|-----------|
| 91  | Adaptive color display via perceptually-driven factored spectral projection. ACM Transactions on Graphics, 2015, 34, 1-10.  | 7.2  | 24        |
| 92  | Unfiltered holography: optimizing high diffraction orders without optical filtering for compact holographic displays. Optics Letters, 2021, 46, 5822.                   | 3.3  | 24        |
| 93  | Transparent Object Reconstruction via Coded Transport of Intensity. , 2014, , .   |      | 23        |
| 94  | A Wide-Field-of-View Monocentric Light Field Camera. , 2017, , .  |      | 23        |
| 95  | Optimizing depth perception in virtual and augmented reality through gaze-contingent stereo rendering. ACM Transactions on Graphics, 2020, 39, 1-10.                    | 7.2  | 23        |
| 96  | Non-Line-of-Sight Surface Reconstruction Using the Directional Light-Cone Transform. , 2020, , .  |      | 22        |
| 97  | Deep Adaptive LiDAR: End-to-end Optimization of Sampling and Depth Completion at Low Sampling Rates. , 2020, , .  |      | 22        |
| 98  | Optical Image Processing Using Light Modulation Displays. Computer Graphics Forum, 2010, 29, 1934-1944.   | 3.0  | 21        |
| 99  | Adaptive image synthesis for compressive displays. ACM Transactions on Graphics, 2013, 32, 1-12.  | 7.2  | 21        |
| 100 | Consensus Convolutional Sparse Coding. , 2017, , .  |      | 21        |
| 101 | Single-shot speckle correlation fluorescence microscopy in thick scattering tissue with image reconstruction priors. Journal of Biophotonics, 2018, 11, e201700224.     | 2.3  | 20        |
| 102 | ScanGAN360: A Generative Model of Realistic Scanpaths for 360° Images. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 2003-2013.                   | 4.4  | 20        |
| 103 | Sensor saturation in Fourier multiplexed imaging. , 2010, , .   |      | 19        |
| 104 | Depth from Defocus with Learned Optics for Imaging and Occlusion-aware Depth Estimation. , 2021, , .  |      | 19        |
| 105 | Dirty Pixels: Towards End-to-end Image Processing and Perception. ACM Transactions on Graphics, 2021, 40, 1-15.   | 7.2  | 19        |
| 106 | Ultra-fast Lensless Computational Imaging through 5D Frequency Analysis of Time-resolved Light Transport. International Journal of Computer Vision, 2014, 110, 128-140. | 15.6 | 17        |
| 107 | A perceptual model for eccentricity-dependent spatio-temporal flicker fusion and its applications to foveated graphics. ACM Transactions on Graphics, 2021, 40, 1-11.   | 7.2  | 16        |
| 108 | Semantic Implicit Neural Scene Representations With Semi-Supervised Training. , 2020, , .   |      | 16        |

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|-----|--|-----|-----------|
| 109 | Towards transient imaging at interactive rates with single-photon detectors. , 2018, , .   |     | 15        |
| 110 | A dataset for benchmarking time-resolved non-line-of-sight imaging. , 2019, , .  |     | 15        |
| 111 | Panoramic single-aperture multi-sensor light field camera. Optics Express, 2019, 27, 37257.  | 3.4 | 15        |
| 112 | Time-Multiplexed Coded Aperture Imaging: Learned Coded Aperture and Pixel Exposures for Compressive Imaging Systems. , 2021, , .   |     | 15        |
| 113 | A theory of plenoptic multiplexing. , 2010, , .  |     | 14        |
| 114 | Real-time non-line-of-sight imaging. , 2018, , .   |     | 14        |
| 115 | Single lens off-chip cellphone microscopy. , 2012, , .   |     | 13        |
| 116 | Compressive multi-mode superresolution display. Optics Express, 2014, 22, 14981.   | 3.4 | 13        |
| 117 | Toward BxDF display using multilayer diffraction. ACM Transactions on Graphics, 2014, 33, 1-14.  | 7.2 | 13        |
| 118 | Capture, Reconstruction, and Representation of the Visual Real World for Virtual Reality. Lecture Notes in Computer Science, 2020, , 3-32.                                 | 1.3 | 13        |
| 119 | Beyond parallax barriers: applying formal optimization methods to multilayer automultiscopic displays. Proceedings of SPIE, 2012, , .                                      | 0.8 | 10        |
| 120 | Computational displays. , 2012, , .  |     | 10        |
| 121 | Time-multiplexed light field synthesis via factored Wigner distribution function. Optics Letters, 2018, 43, 599.   | 3.3 | 10        |
| 122 | Wide field of view compressive light field display using a multilayer architecture and tracked viewers. Journal of the Society for Information Display, 2014, 22, 525-534. | 2.1 | 8         |
| 123 | Snapshot difference imaging using correlation time-of-flight sensors. ACM Transactions on Graphics, 2017, 36, 1-11.  | 7.2 | 8         |
| 124 | Neural Holography. , 2020, , .   |     | 8         |
| 125 | Construction and Calibration of Optically Efficient LCD-based Multi-Layer Light Field Displays. Journal of Physics: Conference Series, 2013, 415, 012071.                  | 0.4 | 7         |
| 126 | Attenuation-corrected fluorescence spectra unmixing for spectroscopy and microscopy. Optics Express, 2014, 22, 19469.  | 3.4 | 7         |



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|-----|--|------|-----------|
| 127 | Variable Aperture Light Field Photography: Overcoming the Diffraction-Limited Spatio-Angular Resolution Tradeoff. , 2016, , .  |      | 7         |
| 128 | Comparison of head pose tracking methods for mixed-reality neuronavigation for transcranial magnetic stimulation. , 2020, , .  |      | 7         |
| 129 | Disambiguating Monocular Depth Estimation with a Single Transient. Lecture Notes in Computer Science, 2020, , 139-155.   | 1.3  | 7         |
| 130 | Video See-Through Mixed Reality with Focus Cues. IEEE Transactions on Visualization and Computer Graphics, 2022, 28, 2256-2266.  | 4.4  | 7         |
| 131 | A compressive light field projection system. , 2014, , .   |      | 6         |
| 132 | Computational focus-tunable near-eye displays. , 2016, , .   |      | 6         |
| 133 | Autofocals. , 2018, , .  |      | 6         |
| 134 | Towards retina-quality VR video streaming. Computer Communication Review, 2022, 52, 10-19.   | 1.8  | 6         |
| 135 | 36.1: Wide Field of View Compressive Light Field Display using a Multilayer Architecture and Tracked Viewers. Digest of Technical Papers SID International Symposium, 2014, 45, 509-512. | 0.3  | 5         |
| 136 | Computational Schlieren Photography with Light Field Probes. International Journal of Computer Vision, 2014, 110, 113-127.   | 15.6 | 5         |
| 137 | Depth augmented stereo panorama for cinematic virtual reality with focus cues. , 2016, , .   |      | 5         |
| 138 | Gaze-contingent ocular parallax rendering for virtual reality. , 2019, , .   |      | 5         |
| 139 | Deep S <sup>3</sup> PR: Simultaneous Source Separation and Phase Retrieval Using Deep Generative Models. , 2021, , .   |      | 5         |
| 140 | Doppler time-of-flight imaging. , 2015, , .  |      | 4         |
| 141 | Autofocals. , 2019, , .  |      | 4         |
| 142 | Suremap: Predicting Uncertainty in Cnn-Based Image Reconstructions Using Stein's Unbiased Risk Estimate. , 2021, , .   |      | 4         |
| 143 | Neural light field 3D printing. ACM Transactions on Graphics, 2020, 39, 1-12.  | 7.2  | 4         |
| 144 | Perceptually-optimized content remapping for automultiscopic displays. , 2012, , .   |      | 3         |

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|-----|--|-----|-----------|
| 145 | I2.1: <i>Invited Paper</i>: On the Duality of Compressive Light Field Imaging and Display. Digest of Technical Papers SID International Symposium, 2015, 46, 176-179.                            | 0.3 | 3         |
| 146 | 4-3:Invited Paper: Gaze-contingent Adaptive Focus Near-eye Displays. Digest of Technical Papers SID International Symposium, 2017, 48, 23-25.  | 0.3 | 3         |
| 147 | D-VDAMP: Denoising-Based Approximate Message Passing for Compressive MRI. , 2021, , .  |     | 3         |
| 148 | Deep optics. , 2020, , .   |     | 3         |
| 149 | State of the Art in Perceptual VR Displays. Lecture Notes in Computer Science, 2020, , 221-243.  | 1.3 | 3         |
| 150 | Deep learning multi-shot 3D localization microscopy using hybrid optical&electronic computing. Optics Letters, 2021, 46, 6023.   | 3.3 | 3         |
| 151 | Consistent illumination within optical see-through augmented environments. , 2003, , .   |     | 2         |
| 152 | Factored Displays: Improving resolution, dynamic range, color reproduction, and light field characteristics with advanced signal processing. IEEE Signal Processing Magazine, 2016, 33, 119-129. | 5.6 | 2         |
| 153 | Optimizing VR for all users through adaptive focus displays. , 2017, , .   |     | 2         |
| 154 | Confocal non-line-of-sight imaging. , 2018, , .  |     | 2         |
| 155 | An Easy-to-Use Pipeline for an RGBD Camera and an AR Headset. Presence: Teleoperators and Virtual Environments, 2020, 27, 202-205.   | 0.6 | 2         |
| 156 | A Compressive Superresolution Display. , 2014, , .   |     | 2         |
| 157 | Vision Correcting Displays Based on Inverse Blurring and Aberration Compensation. Lecture Notes in Computer Science, 2015, , 524-538.  | 1.3 | 2         |
| 158 | Evaluation of Accommodation Response to Monovision for Virtual Reality. , 2017, , .  |     | 2         |
| 159 | Snapshot multi-PSF 3D single-molecule localization microscopy using deep learning. , 2020, , .   |     | 2         |
| 160 | Focus issue introduction: 3D image acquisition and display: technology, perception and applications. Optics Express, 2022, 30, 4655.   | 3.4 | 2         |
| 161 | Computational Optical Sensing and Imaging 12021: Feature Issue Introduction. Applied Optics, 2022, 61, COSI1-COSI4.  | 1.8 | 2         |
| 162 | Computational optical sensing and imaging 2021: feature issue introduction. Optics Express, 2022, 30, 11394.   | 3.4 | 2         |

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|-----|---|------|-----------|
| 163 | Larger visual changes compress time: The inverted effect of asemanic visual features on interval time perception. PLoS ONE, 2022, 17, e0265591.                       | 2.5  | 2         |
| 164 | Computational cameras and displays. , 2014, , .   |      | 1         |
| 165 | Why People Should Care About Lightâ€Field Displays. Information Display, 2015, 31, 22-28.   | 0.2  | 1         |
| 166 | 28-3:<i>Invited Paper</i>: Light Field, Focus-tunable, and Monovision Near-eye Displays. Digest of Technical Papers SID International Symposium, 2016, 47, 358-360.   | 0.3  | 1         |
| 167 | Aperture interference and the volumetric resolution of light field fluorescence microscopy. , 2017, , .   |      | 1         |
| 168 | Optically sensing neural activity without imaging. Nature Photonics, 2020, 14, 340-341.   | 31.4 | 1         |
| 169 | High-quality holographic displays using double SLMs and camera-in-the-loop optimization. , 2021, , .  |      | 1         |
| 170 | Neural Holographic Display and Image Synthesis. , 2020, , .   |      | 1         |
| 171 | Real-Time Unknown-View Tomography Using Recurrent Neural Networks with Applications to Keyhole Imaging. , 2020, , .   |      | 1         |
| 172 | Augmented and Virtual Reality. The Frontiers Collection, 2020, , 467-499.   | 0.2  | 1         |
| 173 | Efficient non-line-of-sight imaging with computational single-photon imaging. , 2020, , .   |      | 1         |
| 174 | Compressive light field photography. , 2012, , .  |      | 0         |
| 175 | Build your own VR system. , 2017, , .   |      | 0         |
| 176 | Computational Near-eye Displays: Engineering the Interface between our Visual System and the Digital World. , 2017, , .   |      | 0         |
| 177 | 5â€2: Invited Paper: Computational Eyeglasses and Nearâ€eye Displays with Focus Cues. Digest of Technical Papers SID International Symposium, 2020, 51, 41-44.        | 0.3  | 0         |
| 178 | A perceptual model for eccentricity-dependent spatio-temporal flicker fusion and its applications to foveated graphics. ACM Transactions on Graphics, 2021, 40, 1-11. | 7.2  | 0         |
| 179 | Nonlinear Fluorescence Spectra Unmixing. , 2014, , .  |      | 0         |
| 180 | Aperture masks for sampling the light field. , 2015, , .  |      | 0         |

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|-----|---|-----|-----------|
| 181 | Efficient 3D Deconvolution Microscopy with Proximal Algorithms. , 2016, , .   |     | 0         |
| 182 | Extended Field-of-view and Increased-signal 3D Holographic Illumination with Time-division Multiplexing. , 2016, , .  |     | 0         |
| 183 | Optical Convolutional Neural Networks with Optimized Phase Masks for Image Classification. , 2018, , .  |     | 0         |
| 184 | Multifocal panoptic recording of cross-cortical neuronal dynamics in behaving mice. , 2019, , .   |     | 0         |
| 185 | Confocal Diffuse Tomography for Single-Photon 3D Imaging Through Highly Scattering Media. , 2020, , .   |     | 0         |
| 186 | Enabling Next-generation Holographic Displays with Artificial Intelligence. , 2021, , .   |     | 0         |
| 187 | Panoramic Monocentric Light Field Camera. , 2017, , .   |     | 0         |
| 188 | Deep Optics: Learning Cameras and Optical Computing Systems. , 2020, , .  |     | 0         |
| 189 | 37â€1: <i>Invited Paper:</i> Advances in Neural Holographic Displays for Virtual and Augmented Reality. Digest of Technical Papers SID International Symposium, 2022, 53, 454-457.          | 0.3 | 0         |
| 190 | 37â€2: <i>Invited Paper:</i> Enabling Augmentedâ€Reality Nearâ€Eye and Headâ€Up Displays with Neural Holography. Digest of Technical Papers SID International Symposium, 2022, 53, 458-461. | 0.3 | 0         |