# David M Hoffman

List of Publications by Year
in descending order

| 26 papers | 2,250 citations | 840776 11 h-index | 610901 24 g-index |
|---|---|---|---|
| 26 all docs | 26 docs citations | 26 times ranked | 1319 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | Effect of latency on simulator sickness in smartphone virtual reality. Journal of the Society for Information Display, 2021, 29, 561-572. | 2.1 | 3 |
| 2 | A perceptual eyebox for near-eye displays. Optics Express, 2020, 28, 38008. | 3.4 | 17 |
| 3 | 31‑1: Distinguished Paper: Measurement and Categorization of Alternate Subpixel Layout Near‑Eye Display Systems. Digest of Technical Papers SID International Symposium, 2019, 50, 426-429. | 0.3 | 0 |
| 4 | Aligning content rendering resolution and feature size with display capability in near‑eye display systems. Journal of the Society for Information Display, 2019, 27, 207-222. | 2.1 | 6 |
| 5 | Temporal Requirements for VR Displays to Create a More Comfortable and Immersive Visual Experience. Information Display, 2019, 35, 9-39. | 0.2 | 6 |
| 6 | Limits of peripheral acuity and implications for VR system design. Journal of the Society for Information Display, 2018, 26, 483-495. | 2.1 | 11 |
| 7 | Efficacy of global dimming backlight and high‑contrast liquid crystal panel for high‑dynamic‑range displays. Journal of the Society for Information Display, 2017, 25, 283-294. | 2.1 | 2 |
| 8 | 75‑2: *Invited Paper*: Large Scale Subjective Evaluation of Display Stream Compression. Digest of Technical Papers SID International Symposium, 2017, 48, 1101-1104. | 0.3 | 11 |
| 9 | 81‑2: Visual Quality of Global Dimming Backlight with High Contrast Liquid Crystal Panel for High Dynamic Range Displays. Digest of Technical Papers SID International Symposium, 2017, 48, 1184-1187. | 0.3 | 2 |
| 10 | 59-2:*Distinguished Paper*: The Role of Local Dimming Density, Native Panel Contrast, and Glare Sources in the Visual Quality of HDR Displays. Digest of Technical Papers SID International Symposium, 2016, 47, 802-805. | 0.3 | 2 |
| 11 | The importance of native panel contrast and local dimming density on perceived image quality of high dynamic range displays. Journal of the Society for Information Display, 2016, 24, 216-228. | 2.1 | 28 |
| 12 | 3D Displays. Annual Review of Vision Science, 2016, 2, 397-435. | 4.4 | 47 |
| 13 | Motion artifacts on 240-Hz OLED stereoscopic 3D displays. Journal of the Society for Information Display, 2014, 22, 393-403. | 2.1 | 8 |
| 14 | 240‑Hz OLED technology properties that can enable improved image quality. Journal of the Society for Information Display, 2014, 22, 346-356. | 2.1 | 13 |
| 15 | 55.1: *Distinguished Paper*: Motion Artifacts on 240Hz OLED Stereoscopic 3D Displays. Digest of Technical Papers SID International Symposium, 2014, 45, 797-800. | 0.3 | 1 |
| 16 | A new standard method of subjective assessment of barely visible image artifacts and a new public database. Journal of the Society for Information Display, 2014, 22, 631-643. | 2.1 | 26 |
| 17 | Temporal presentation protocols in stereoscopic displays: Flicker visibility, perceived motion, and perceived depth. Journal of the Society for Information Display, 2011, 19, 271-297. | 2.1 | 53 |
| 18 | The zone of comfort: Predicting visual discomfort with stereo displays. Journal of Vision, 2011, 11, 11-11. | 0.3 | 472 |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 19 | Visual discomfort with stereo displays: effects of viewing distance and direction of vergence-accommodation conflict. Proceedings of SPIE, 2011, 7863, 78630P1-78630P9. | 0.8 | 58 |
| 20 | Temporal presentation protocols in stereoscopic displays: Flicker visibility, perceived motion, and perceived depth. Journal of the Society for Information Display, 2011, 19, 255. | 2.1 | 5 |
| 21 | 44.4: <i>Invited Paper</i>: A Novel Stereo Display that Presents Nearly Correct Focus Cues. Digest of Technical Papers SID International Symposium, 2010, 41, 665-668. | 0.3 | 3 |
| 22 | Focus information is used to interpret binocular images. Journal of Vision, 2010, 10, 13-13. | 0.3 | 36 |
| 23 | Stereo display with time-multiplexed focal adjustment. , 2009, 7237, 72370R. | | 2 |
| 24 | High-speed switchable lens enables the development of a volumetric stereoscopic display. Optics Express, 2009, 17, 15716. | 3.4 | 233 |
| 25 | Vergenceâ€"accommodation conflicts hinder visual performance and cause visual fatigue. Journal of Vision, 2008, 8, 33. | 0.3 | 1,201 |
| 26 | Consequences of Incorrect Focus Cues in Stereo Displays. Journal of the Society for Information Display, 2008, 24, 7. | 2.1 | 4 |