

五、著作目錄(建議呈現與計畫相關之著作目錄，頁數以2頁為限)：

1. Y-H Lin, Y-J Wang and V. Reshetnyak, "Liquid crystal lenses with tunable lens powers: a review" Liquid Crystals Reviews (Invited review paper) (2018)
2. C-M Chang, Y-H Lin, A. K. Srivastava, and V. G. Chigrinov, "An optical system via liquid crystal photonic devices for photobiomodulation" (submitted to Scientific Report) (2018)
3. V. Marinova, S-H Lin, R-C Liu, Y-C Lai, M-S Chen, Y-H Lin, P. Yu, G-C Chi and K-Y Hsu, "Near infrared operating optically addressed SLM with graphene-based electrodes" (submitted) (2018)
4. C-M Chang, Y-H Lin, V. Reshetnyak, C-H Park, R. Manda and S-H Lee, "Origins of Kerr phase and orientational phase in polymer-dispersed liquid crystals" Optics Express 25(17), 19807-19821 (2017)
5. Y-J Wang, P-J Chen, X Liang and Y-H Lin, "Augmented reality with image registration, vision correction and sunlight readability via liquid crystal devices" Scientific Reports 7, 433 (2017) DOI:10.1038/s41598-017-00492-2
6. V. Marinova, R-C Liu, S-H Lin, M-S Chen, Y-H Lin, K-Y Hsu, "Near-infrared sensitive organic-inorganic photorefractive device" Optical Review, 23 (5), 811-816, (2016).
7. Y-J Wang, Y-S Tsou, M-S Chen, and Y-H Lin, "An optical image stabilisation using a droplet manipulation on a liquid crystal and polymercomposite film" Liquid Crystals, 1-7, (2016) DOI: 10.1080/02678292.2016.1215561 (Invited paper)
8. P-J Chen, M. Chen, S-Y Ni, H-S Chen, and Y-H Lin, "Influence of alignment layers on crystal growth of polymer-stabilized blue phase liquid crystals" Optical Materials Express 6, 1003-1010 (2016)
9. H-S Chen, Y-J Wang, P-J Chen and Y-H Lin*, "Electrically adjustable location of a projected image in augmented reality via a liquid-crystal lens", Optics Express 23(22), 28154-28162 (2015)
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12. M. Xu, H-W Ren*, and Y-H Lin, "Electrically actuated liquid iris" Optics Letters 40(5), pp.831-834(2015)
13. H-S Chen, Y-J Wang, C-M Chang, and Y-H Lin*, "A polarizer-free liquid crystal lens exploiting an embedded-multilayered structure" Photonics Technology Letters, IEEE 27(8) pp.899,902(2015)
14. H-S Chen, Y-H Lin*, C-M Chang, Y-J Wang, A. K. Srivastava, J-T Sun, and V. G. Chigrinov, "A polarized bifocal switch based on liquid crystals operated electrically and optically," J. Appl. Phys. 117, 044502 (2015)
15. X. Shen, Y-J Wang, H-S Chen, X. Xiao, Y-H Lin, and B. Javidi*, "Extended Depth-of-Focus 3D Micro Integral Imaging Display using a Bifocal Liquid Crystal Lens," Optics Letters 40(4) pp.528-541(2015)
16. Y-H Lin*, "A lesson in student chapters," Nature Nanotechnology, Vol. 10, 100 (Jan. 2015)
17. Y-H Lin*, H-S Chen and M-S Chen "Electrically Tunable Liquid Crystal Lenses and Applications", Molecular Crystals and Liquid Crystals 596(1),12-21 (2014)
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21. M-S Chen, P-J Chen, M. Chen, and Y-H Lin*, "An electrically tunable imaging system with separable focus and zoom functions using composite liquid crystal lenses," *Optics Express* **22** (10), 11427-11435 (2014)
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This paper was selected by Virtual Journal for Biomedical Optics. (VJBO), Vol 8, Issue 8, Sep 4, 2013
28. Y-S Tsou, K-H Chang, and Y-H Lin*, "A droplet manipulation on a liquid crystal and polymer composite film as a concentrator and a sun tracker for a concentrating photovoltaic system," *Journal of Applied Physics* **113** (24), 244504 (2013)
29. Y-H Lin*, and H-S Chen, "Electrically tunable-focusing and polarizer-free liquid crystal lenses for ophthalmic applications," *Optics Express* **21** (8), 9428-9436 (2013)
This paper was selected by Virtual Journal for Biomedical Optics. (VJBO) Vol. 8, Iss. 5, 2013]
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