

液晶技術

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PT-02	楊景瀚	Bragg vortex generators based on Pancharatnam-Berry phase fabricated via a programmable phase-only spatial light modulator
PT-03	史拉席	Solution Sensor Based on Poly Hydroxyethyl Methacrylate-Liquid Crystal Materials
PT-04	楊奇勳	Based on a twisted nematic mode polymer-stabilized liquid crystal to achieve the image quality improvement of transparent waveguide display
PT-05	黃詠惟	Tunable Liquid Crystal Diffraction Beam Splitters for Infrared Application
PT-06	洪啟嘉	高分子膽固醇液晶於金屬離子之檢測
PT-07	王嘉緯	可電控之長週期液晶光纖光柵的研製與特性研究
PT-08	李建宏	Bistable nematic liquid crystal smart window
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PT-11	宋沛儒	Programmable Engineering of Sunlight-Fueled, Full-Wavelength-Tunable, and Chirality-Invertible Helical Superstructures
PT-12	梁棋閔	Photo-steerable flexible liquid crystal elastomer laser
PT-13	吳佑捷	干涉法量測藍相液晶雙折射與液晶盒厚度之研究

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PT-17	李姿葦	Extraordinary 180° achromatic polarization rotation via dual-frequency liquid crystal
PT-18	蔡宗洲	Flexoelectric biosensing based on a hybrid-aligned chiral nematic of anomalously small bend elastic constant
PT-19	林若涵	Bistable and tunable insulated windows by an unique orientation of chiral nematic
PT-20	林芯璋	Hiding information in liquid crystal displays using a broadband quarter-waveplate array and composite pixels
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PT-24	Wei Cheng Cheng	Vision Correction via Electrically Tunable Liquid Crystal Lens for Near-Eye Display System
PT-25	宋冠莆	A reverse switchable window based on dual-frequency liquid crystal with electro-optical and thermal-optical operations
PT-26	劉易軒	Electrically controllable scattering-mode light shutters using mesoporous silica-doped nematic liquid crystals

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PT-29	張益誠	Temperature and electrooptic effects in vertically anchored bistable cholesteric liquid crystal impregnated with a thermoresponsive chiral dopant and black dye
PT-30	黃郁淇	Tunable focusing liquid crystal lens with three-zone and three-dimensional curved electrodes
PT-31	林育賢	Thermally adaptive and polymer-stabilized cholesteric texture windows without surface orientation treatment