

NO	Subject Category	Author	作者	Title	Publication Name	PD	PY
1	Optics; Physics, Atomic, Molecular &	Lee, JY	李政誼*	Coherent perfect absorption and lasing at an exceptional point of anti-parity-time-symmetric photonic structures and its implementation by all-dielectric heterostructures	PHYSICAL REVIEW A	JAN 2	2026
2	Energy & Fuels	Chen, YC; Liu, BY; Feng, YC; Hong, JZ; Hsu, YK	徐裕奎*	Light-induced antibonding orbital occupancy accelerates ion intercalation kinetics for enhanced capacitance of photo-rechargeable supercapacitor based on MnO ₂ /ZnO	JOURNAL OF ENERGY STORAGE	MAR 30	2026
3	Materials Science, Multidisciplinary	Pai, YH; Kao, CC; Lin, SC	白益豪	Synthesis of biochar-MWCNT composites from waste wooden furniture via tonne-scale mobile high-temperature downdraft gasification	MATERIALS TODAY COMMUNICATIONS	FEB	2026
4	Optics	Lee, JY; Ojeda, IR; Miroschnichenko, AE; Chen, PY	李政誼*	Dark superabsorbers with a needle-like radiation	OPTICS EXPRESS	MAR 23	2026
5	Chemistry, Physical; Energy & Fuels; Materials Science, Multidisciplinary	Chen, YC; Wu, TY; Tsai, CH; Hsu, YK	徐裕奎*、蔡志宏	Standalone photo-rechargeable capacitor integrating DSSCs with a Bi//NiCo ₂ S ₄ asymmetric supercapacitor for high-efficiency indoor and outdoor energy storage	JOURNAL OF MATERIALS CHEMISTRY A	2026 MAR 20	2026
6	Chemistry, Multidisciplinary	Chen, YC; Lu, ML; Hsu, YK	徐裕奎*	Construction of p-Bi ₂ O ₃ /n-ZnO nanowire heterojunctions with enhanced photoelectrochemical properties	CHEMICAL COMMUNICATIONS	2026 APR 20	2026
7	Materials Science, Multidisciplinary; Optics	Chiu, WS; Lin, JD	林嘉德*	Transient Isotropization-Driven Thermal Cycling for Efficient Defect Elimination in Cholesteric Liquid Crystals	ACS APPLIED OPTICAL MATERIALS	2026 APR 29	2026
8	Chemistry, Multidisciplinary; Engineering, Chemical	Chen, YC; Hsu, YK	徐裕奎*	Self-supported AgCl nanosheet cathodes enable ultrahigh areal capacity and stability in aqueous Ag-Zn batteries	JOURNAL OF INDUSTRIAL AND ENGINEERING	JUL 25	2026