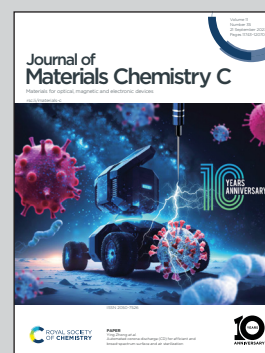


Showcasing research from Department of Chemistry,  
Tamkang University, Taiwan.

Aggregation-induced emission mesogens formed by  
intermolecular hydrogen bonding of 4-alkyl-4'-cyanobiphenyl  
molecules

The mesogens with aggregation-induced emission property  
are formed by introducing intermolecular hydrogen bonding  
between the alkyl chain of 4-alkyl-4'-cyanobiphenyl  
molecules to inhibit non-radiative decay and dipole-dipole  
quenching of the molecules.

As featured in:



See Chih-Hsin Chen *et al.*,  
*J. Mater. Chem. C*, 2023, **11**, 11857.