

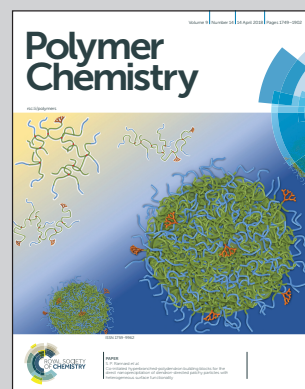
**Highlighting research results from the Department of Chemistry and Materials Engineering, Faculty of Chemistry, Materials and Bioengineering, Kansai University, Japan.**

**Effect of phosphine ligand on the optical absorption/emission properties of platinum-containing conjugated polymers**

Sanda and co-workers synthesized novel platinum-containing optically active poly(phenyleneethynylene)s with various phosphine ligands. The optical absorption/emission properties of the polymers were controlled by the substituents on the phosphine. This research provides a new strategy for controlling the conjugation length, conformation and assembled structures of metal-containing polymers.

Back cover image by Science Graphics. Co., Ltd.

**As featured in:**



See Fumio Sanda et al., *Polym. Chem.*, 2018, 9, 1772.



[rsc.li/polymers](http://rsc.li/polymers)

Registered charity number: 207890