

“Solar batteries using pigments of flower petals”

Hirano Lab., Research Institute of Electrical Communication



1. Staff & Contact

Prof. Ayumi Hirano-Iwata (ayumi.hirano.a5@tohoku.ac.jp)

○ Assistant Prof. Daisuke Tadaki (daisuke.tadaki@tohoku.ac.jp)

2. Allowable Number : 4

3. Day & Time : 3rd quarter, Mondays, 5th class (16:20~)

4. Kick-off : [Date/Time] October 2, 16:20~

[Place] Only the first day will be online. (To be announced)

Abstract:

Let's make dye-sensitized solar batteries by using pigments of flower petals and the well-known photocatalytic material (titanium oxide). You may understand the structure and principle of operation of solar battery by measuring characteristics of your own solar batteries.



A calculator driven by dye-sensitized solar cells