나노응용물리연구실 소개
(NAPL)

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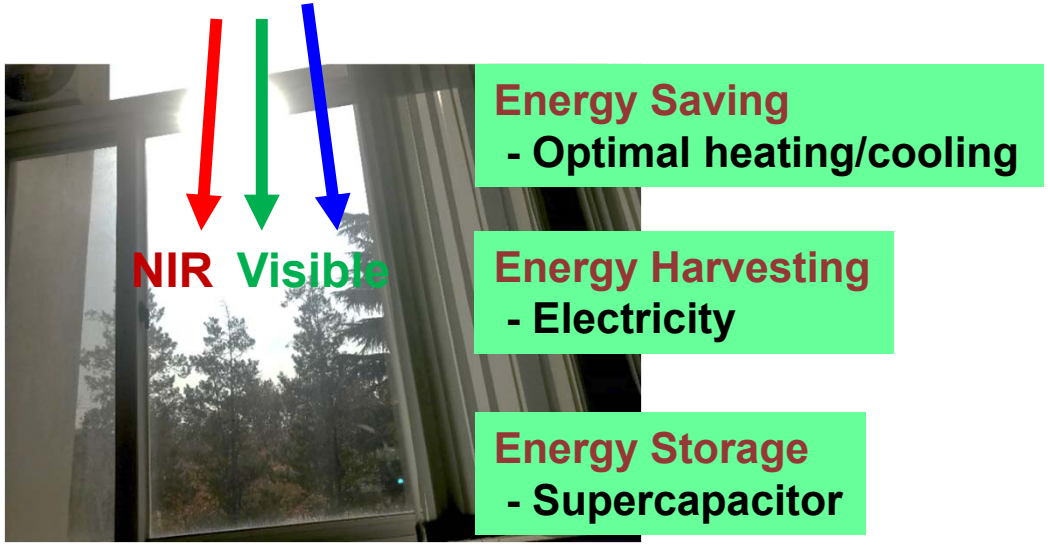
학위 연구주제

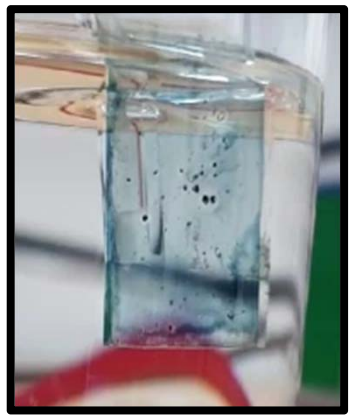
- The flexible all-solid-state electrochromic devices using core-shell nanowire networks for smart window applications.
- Exploring individual and collective electrochromic dynamics and degradation behaviors of nanostructured metal oxides for smart window applications
- Model for charging dynamics of nanoporous electrodes for electrochromic devices and supercapacitors



Energy Saving
- Optimal heating/cooling

Energy Harvesting
- Electricity

Energy Storage
- Supercapacitor



Demonstration of EC devices for smart window applications (NAPL)

- Nanotechnology and nanomaterials for Bio- and dental applications

연구실에서 내가 해야 하는 일