

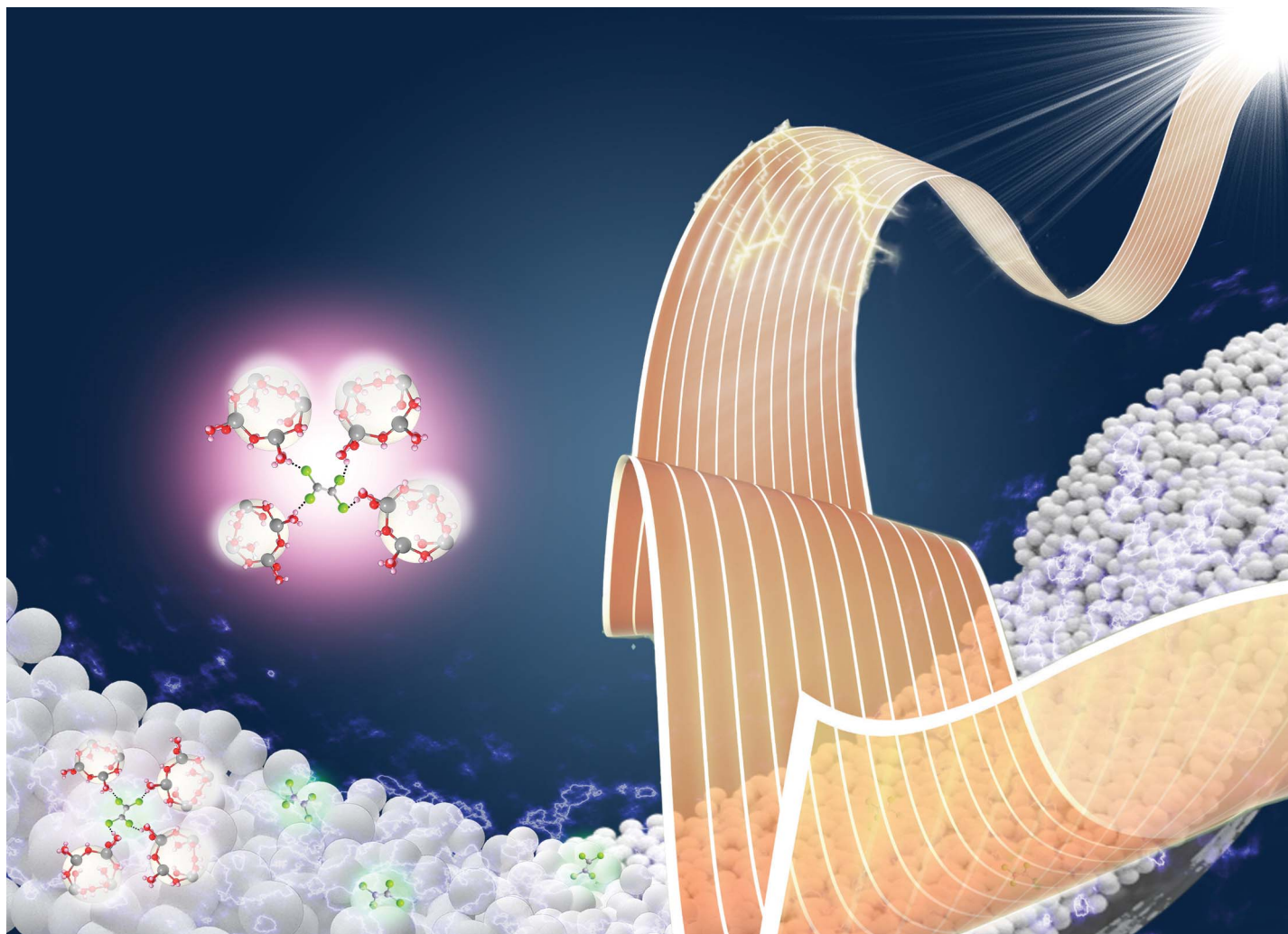
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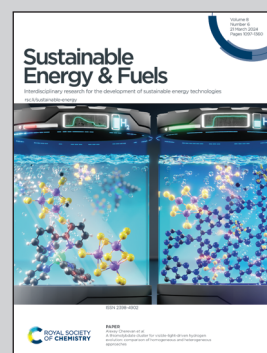


Showcasing research from Professor Jae-Joon Lee's laboratory, Department of Energy & Materials Engineering and Research Center for Photoenergy Harvesting & Conversion Technology (*phct*), Dongguk University, Republic of Korea.

Chemical sintering by chlorinated carbon compounds for flexible photoanodes of dye-sensitized photovoltaic cells

Novel binary solvent mixtures containing chlorinated carbon compounds (**CCs** = CCl_4 , CHCl_3 , and C_2Cl_4) and 1-Octanol are utilized to prepare pastes of TiO_2 nanoparticles. The binary solvent facilitates the formation of TiO_2 mesoporous films under low-temperature sintering condition for flexible photoanodes.

As featured in:



See Jae-Joon Lee *et al.*,
Sustainable Energy Fuels,
2024, 8, 1245.