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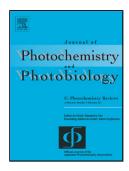
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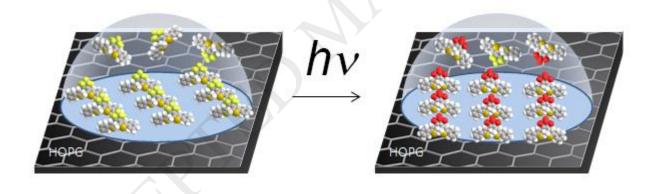
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Graphical Abstract



Highlights:

- An overview of advances on photoresponsive supramolecular self-assemblies formed at the liquid/solid interface is given.
- The photoresponsive assembly studied by STM at the liquid/solid interface are compared with the systems under ultra-high vacuum or at air/solid interface.

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