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Aminopropyl-containing ionic liquid based organosilica as a novel and efficient adsorbent for removal of crystal violet from wastewaters

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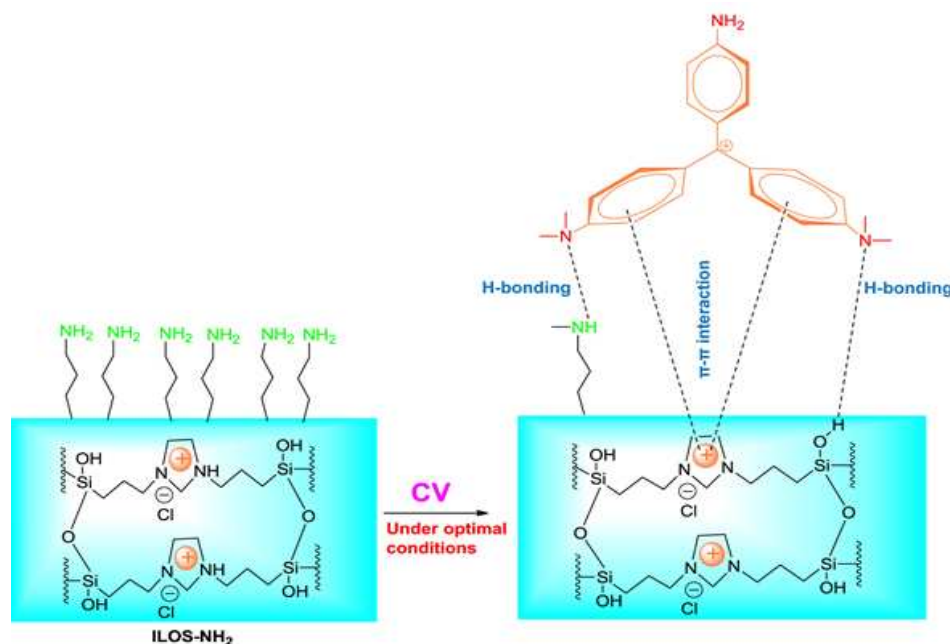
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Graphic abstract

Energy, resources and environmental technology

Aminopropyl-containing ionic liquid based organosilica as a novel and efficient adsorbent for removal of crystal violet from wastewaters

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Abstract

Herein a novel aminopropyl-containing ionic liquid based organosilica (ILOS-NH₂) is prepared, characterized and applied as effective adsorbent for removal of crystal violet (CV) dye from

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