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Tuning electrical memory properties by varying terminal moieties of functional hyperbranched polyimides

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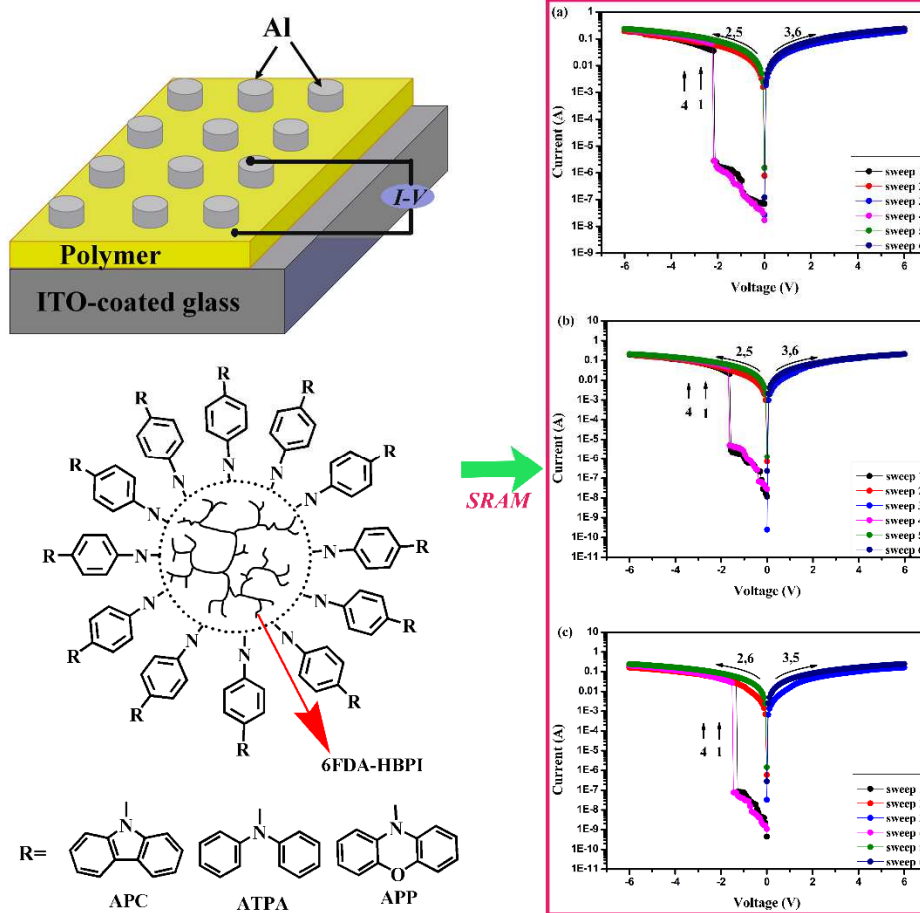
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Graphical Abstract



Three functional hyperbranched polyimide (HBPI) terminated by APC, ATPA and APP were synthesized and employed to act as the building block of the memory device, which exhibited tunable performances along with the change of the terminal group.

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