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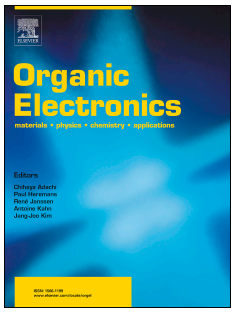

Constructing sandwich-like polyaniline/graphene oxide composites with tunable conjugation length toward enhanced microwave absorption

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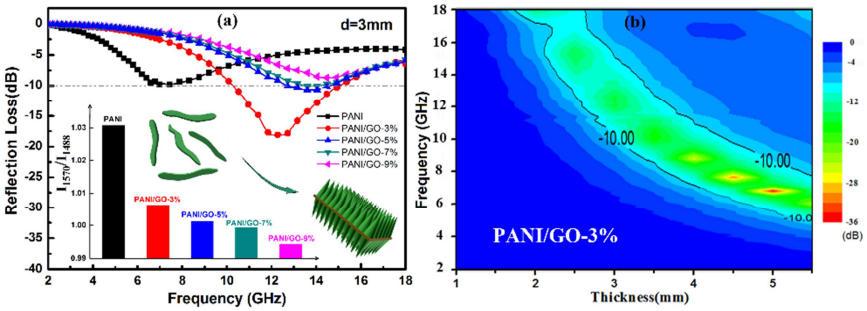

By controlling the content of GO, the average conjugation length of PANI nanorods on GO layers can be modulated, resulting in controllable wave-absorbing properties and various frequency bands.