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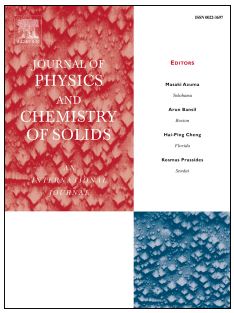

Interface modification of titanium dioxide nanoparticles by titanium-substituted polyoxometalate doping for improvement of photoconductivity and gas sensing applications

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Graphical Abstract

New photoconductive nanocomposites of TiO_2/polyoxometalates are prepared to demonstrate both the photoconductivity improvement and the gas sensing performance for acetone gas.