

Synthesis and photocatalytic utilizations of oxide content optimized ZnS-ZnO-CuS-CdS photocatalysts

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(ZnS-ZnO CuS formation (ZnS-ZnO-CuS) CdS addition (ZnS-ZnO-CuS-CdS))
composite . Heterostructure
, oxide (ZnO)
oxide (O2 partial pressure) 가 . Oxide
optimized ZnS-ZnO-CuS-CdS not optimized ZnS-ZnO-CuS-CdS, pristine ZnS
(2452.7 $\mu\text{mol g}^{-1} \text{h}^{-1}$) , (methyl blue)
photoluminescence