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Electronic Supplementary Information

Novel VO₂(M)-ZnO heterostructured dandelions combined thermochromic and photocatalytic properties for application in smart coatings

Wenjing Li ^{a,b}, Shidong Ji ^{a,*}, Guangyao Sun ^{a,b}, Yining Ma ^{a,b}, Hehe Guo ^{a,b}, and Ping Jin ^{a,c,*}

^a State Key Laboratory of High Performance Ceramics and Superfine Microstructure, Shanghai Institute of Ceramics, Chinese Academy of Sciences, Shanghai 200050, China

^b Graduate University of Chinese Academy of Sciences, Beijing 100049, China

^c National Institute of Advanced Industrial Science and Technology (AIST), MoriYama, Nagoya 463-8560, Japan

* Author for correspondence. Email: p-jin@mail.sic.ac.cn, scki@mail.sic.ac.cn.

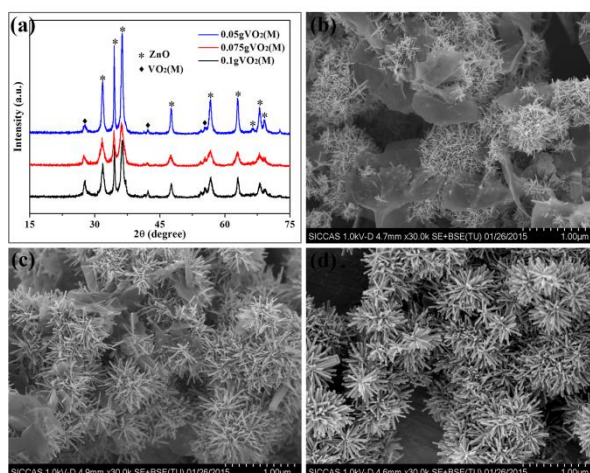


Fig. S1. (a) XRD patterns of the products with different amount of VO₂(M) NPs, (b-d) the corresponding SEM images of the sample with 0.1, 0.075 and 0.05g VO₂(M) NPs.

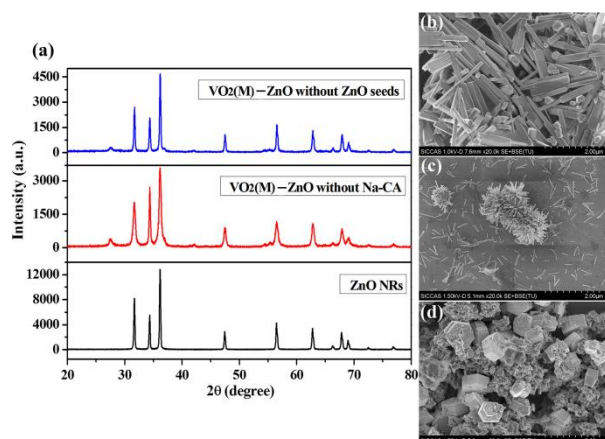


Fig. S2. (a) XRD patterns and (b-d) SEM images of the ZnO NRs, VO₂(M)-ZnO without Na-CA, VO₂(M)-ZnO without ZnO seeds.

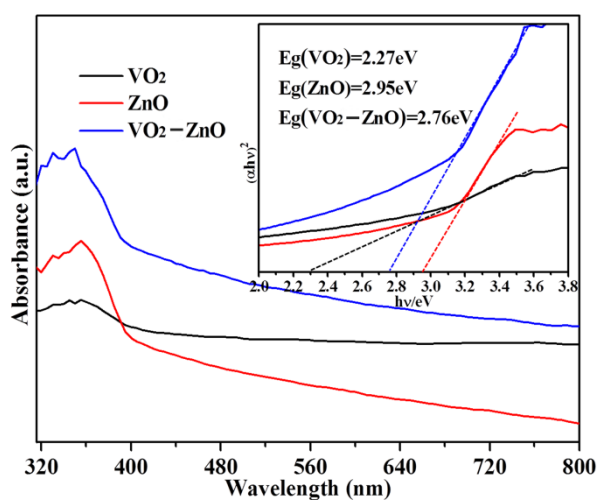


Fig. S3. UV-vis absorption spectra and the insert was the $(\alpha h\nu)^2-h\nu$ relationship of the VO₂ NPs, ZnO NRs and VO₂(M)-ZnO dandelions.