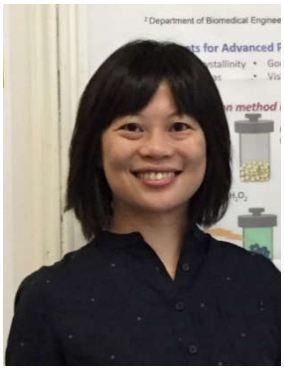
Within 1 page

Sue-min Chang



Professor
Institute of Environmental Engineering, National Chiao Tung University
1001 University Road, Hsinchu 30010, Taiwan

Tel: +886-3-5712121 ext.55506
Email: chang@mail.nctu.edu.tw
Webpage: -

Education:

1999~2004, Ph.D., Atomic Science, National Tsing Hua University

Experience:

2015 ~present, Professor, Environmental Engineering, National Chiao Tung University

Research Areas:

Fundamental Photocatalysis
Molecularly Imprinting
Environmental Material Design

Selected Publications:

1. Chen, K. Z. and S. M. Chang*, (2019), SiO_2-Coated Molecularly Imprinted Copolymer Nanostructures for the Adsorption of Bisphenol A, **ACS Appl. Nano Mater.,** 2, 89-99.

2. Chaudhary, M., P. F. Shen, S. M. Chang*, (2018), The Roles of Phosphate and Tungstate Species in Surface Acidities of TiO_2-ZrO_2 Binary Oxides - A Comparison Study, **Appl. Surf. Sci.**, 440, 369-377.

3. Chaudhary, M., S. M. Chang,* R. A. Doong, H. M. Tsai, (2016), Formation of Cu_2O/Titanate/Titania Heterojunctions from Hydrothermally Induced Dual Phase Transitions, **J. Phys. Chem. C,** 120 (38), 21381-21389.

4. Chang, S. M.* and W. S. Liu (2014), The roles of surface-doped metal ions (V, Mn, Fe, Cu, Ce, and W) in the interfacial behavior of TiO_2 photocatalysts, **Appl. Catal. B-Environ.,** 156-157, 466-475.

5. Chang, S. M.* and C.Y. Lee (2013), A salt-assisted approach for the pore-size-tailoring of the ionic-liquid-templated TiO_2 photocatalysts exhibiting high activity, **Appl. Catal. B-Environ.**, 132-133, 219-228.

6. Chang, S. M.* and W. S. Liu (2011), Surface doping is more beneficial than bulk doing to the photocatalytic activity of vanadium-doped TiO_2, **Appl. Catal. B-Environ.,** 101, 333-342.