

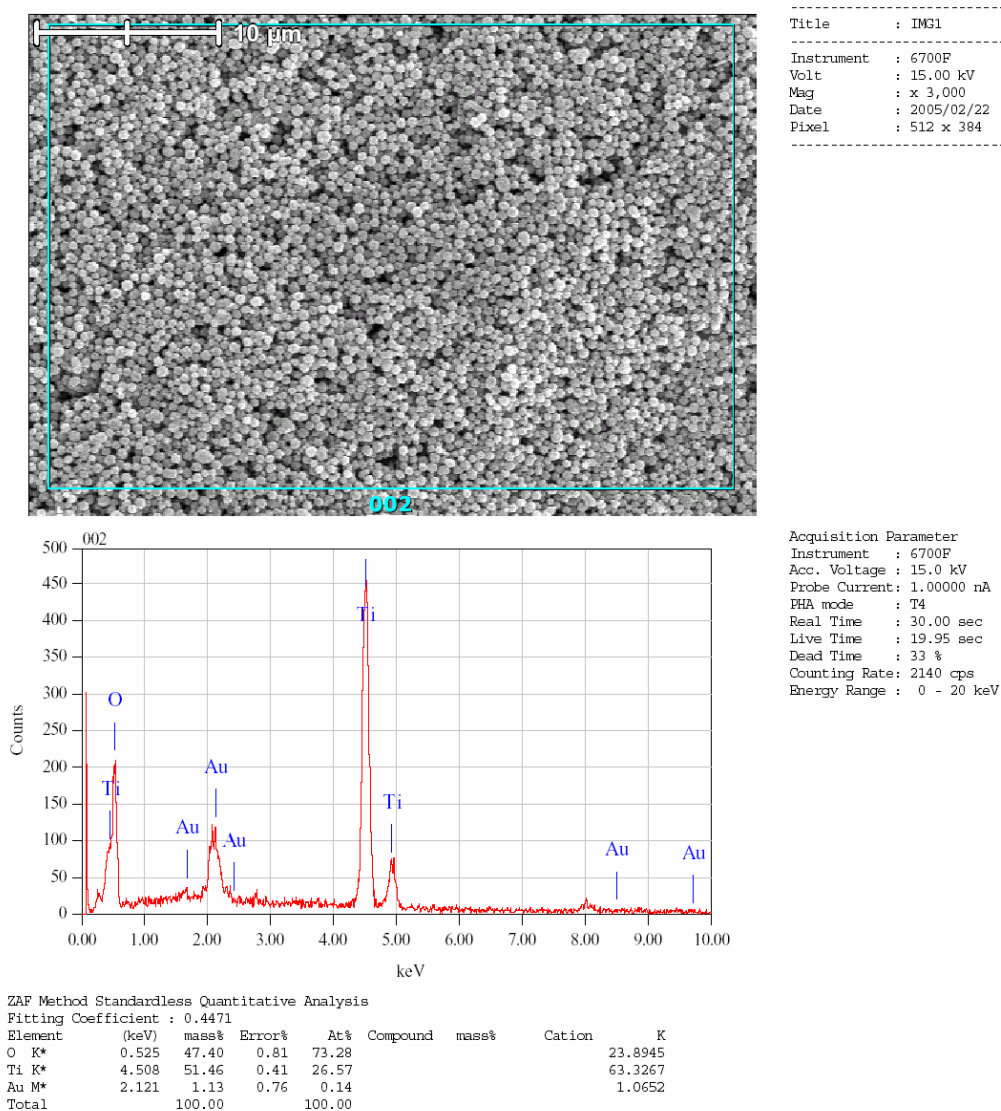
Preparation of Monodisperse Au/TiO₂ Nanocatalysts via Self-Assembly

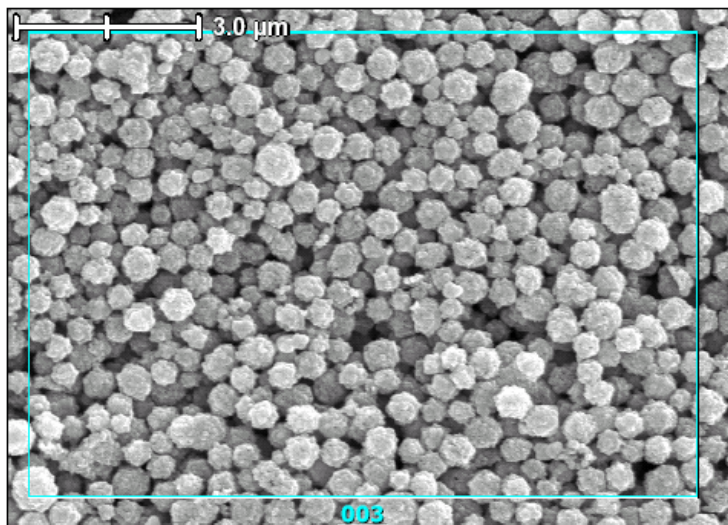
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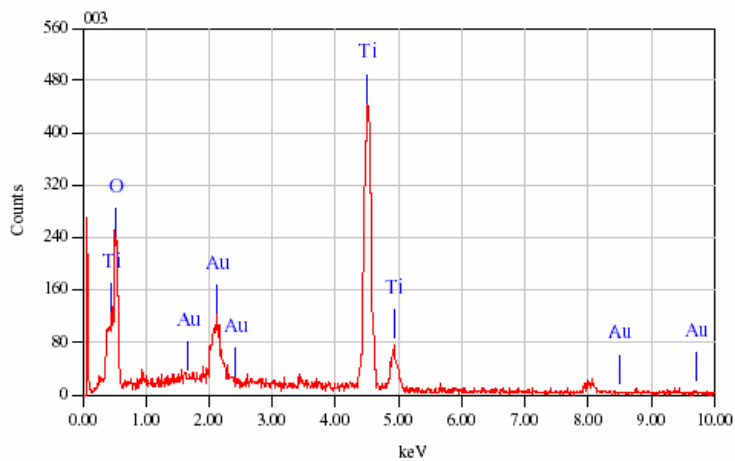
*Email: chezhc@nus.edu.sg

The following are two representative EDX spectra and related elemental analyses for the freshly prepared Au/TiO₂ catalysts:





Title : IMG1
 Instrument : 6700F
 Volt : 15.00 kV
 Mag : x 10,000
 Date : 2005/02/22
 Pixel : 512 x 384



Acquisition Parameter
 Instrument : 6700F
 Acc. Voltage : 15.0 kV
 Probe Current : 1.00000 nA
 HHA mode : T4
 Real Time : 30.00 sec
 Live Time : 20.06 sec
 Dead Time : 34 %
 Counting Rate : 2009 cps
 Energy Range : 0 - 20 keV

ZAF Method Standardless Quantitative Analysis

Fitting Coefficient : 0.4569

Element	(keV)	mass%	Error%	At%	Compound	mass%	Cation	K
O K*	0.525	50.56	0.65	76.35				27.6233
Ti K*	4.508	46.06	0.37	23.23				55.7177
Au M*	2.121	3.39	0.67	0.42				3.1556
Total		100.00		100.00				