

# **UC Davis**

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### **Title**

Synthesis and Isolation of the Titanium-Scandium Endohedral Fullerenes— $\text{Sc}_2\text{TiC@Ih-C}80$ ,  $\text{Sc}_2\text{TiC@D}5\text{h-C}80$  and  $\text{Sc}_2\text{TiC}_2@\text{Ih-C}80$ : Metal Size Tuning of the  $\text{TiIV/TiIII}$  Redox Potentials

### **Permalink**

<https://escholarship.org/uc/item/9381x42k>

### **Journal**

Chemistry - A European Journal, 22(37)

### **ISSN**

0947-6539

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### **Publication Date**

2016-09-05

### **DOI**

10.1002/chem.201601655

Peer reviewed

# CHEMISTRY

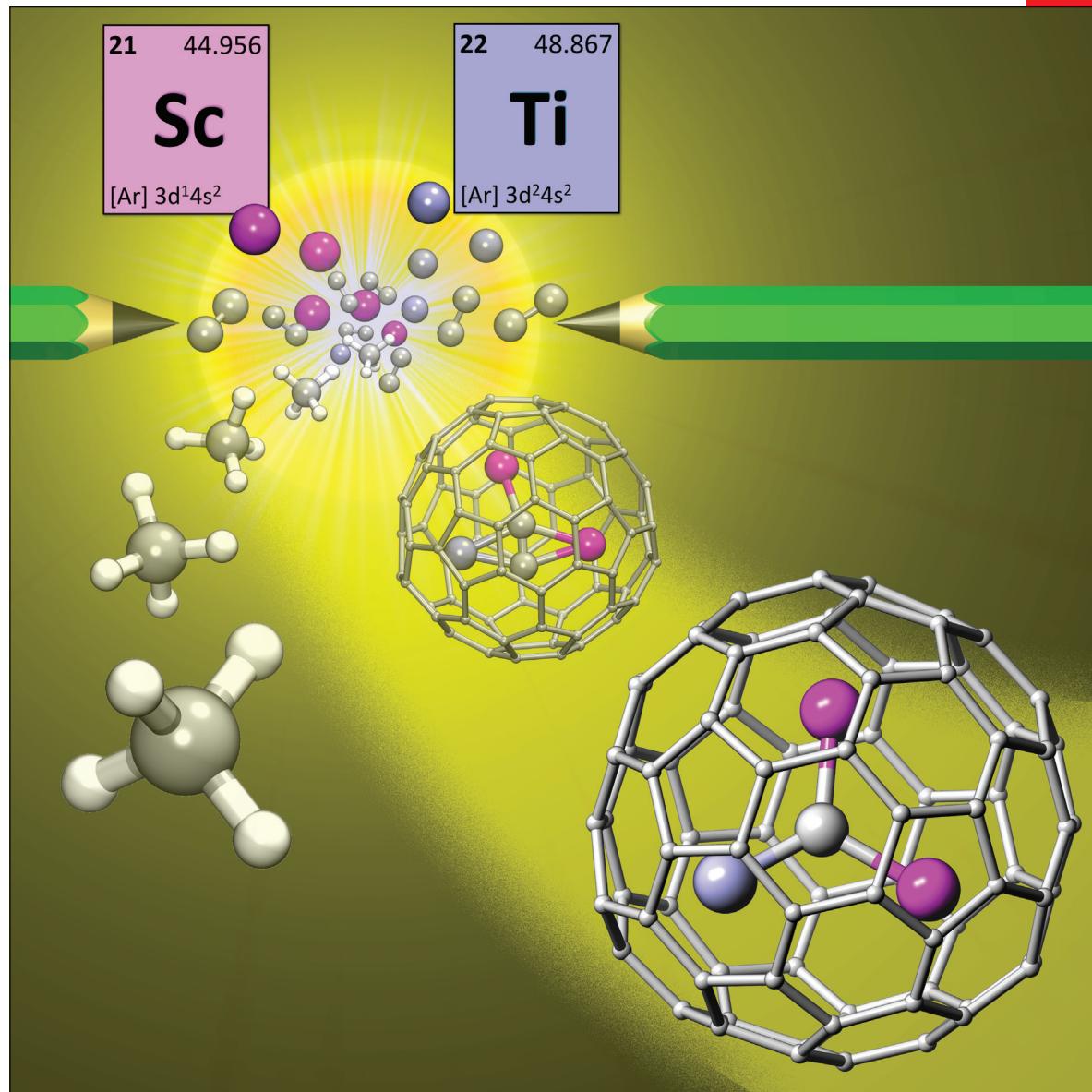
## A European Journal

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A Journal of



2016-22/37



### Cover Picture:

M. M. Olmstead, A. L. Balch, A. A. Popov *et al.*

Synthesis and Isolation of the Titanium–Scandium Endohedral Fullerenes  
 $\text{Sc}_2\text{TiC}@I_h\text{-C}_{80}$ ,  $\text{Sc}_2\text{TiC}@D_{5h}\text{-C}_{80}$ , and  $\text{Sc}_2\text{TiC}@I_h\text{-C}_{80}$ : Metal Size Tuning  
of the  $\text{Ti}^{\text{IV}}/\text{Ti}^{\text{III}}$  Redox Potentials

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