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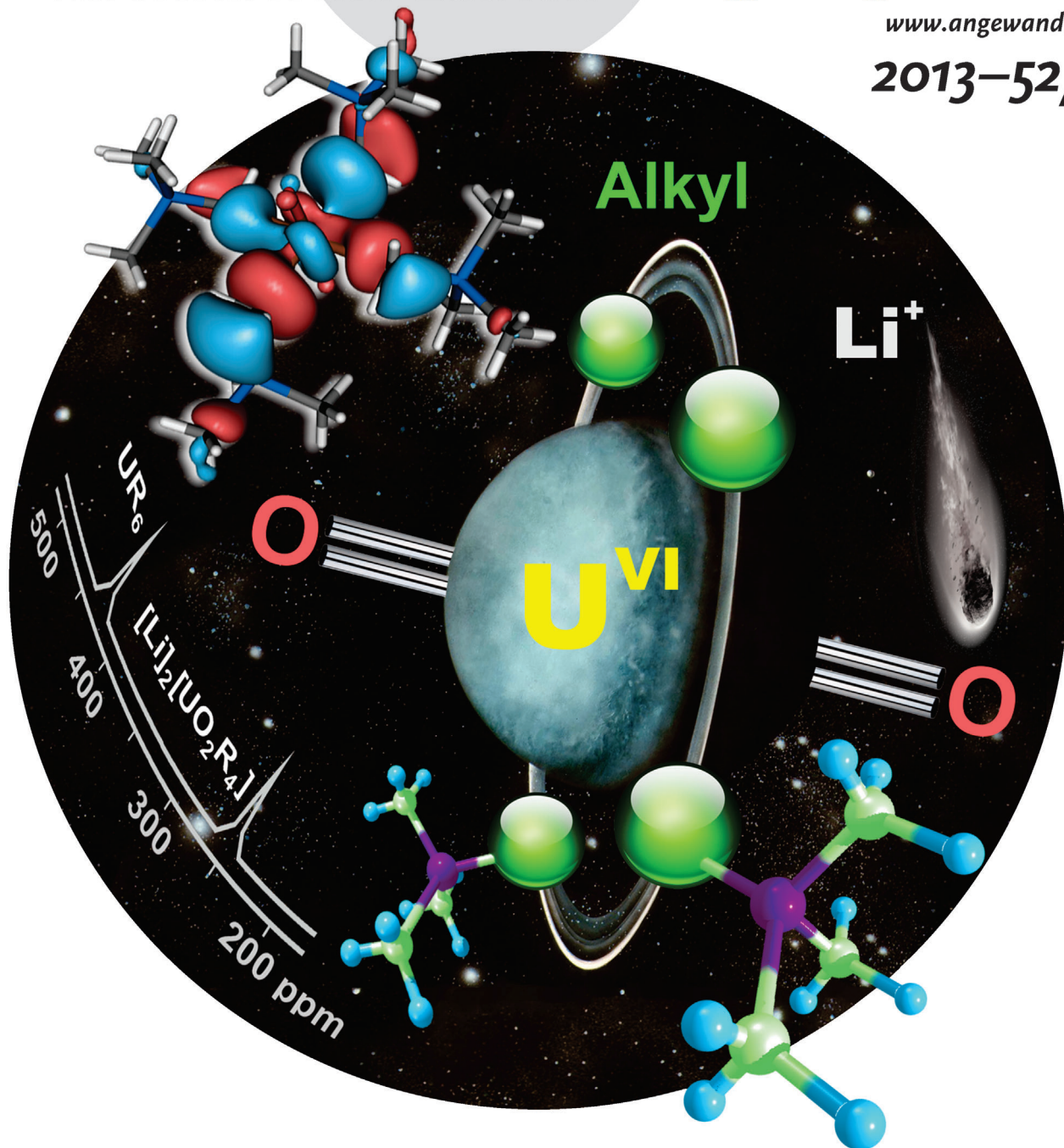
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A rare uranyl–alkyl “ate” complex ...

... was prepared for comparison with a homoleptic U^{VI} –hexaalkyl. In their Communication on page 3259 ff., P. Hrobárik, T. Hayton, et al. demonstrate that both complexes feature unprecedented high-frequency methylene ^{13}C shifts, consistent with large spin-orbit effects. Relativistic calculations show that the cause is significant f-orbital involvement in σ -bonding.

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