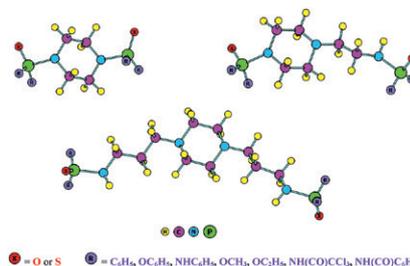


27–39

### Synthesis, characterization, crystal structures, Hirshfeld surface analysis and theoretical calculations of some new bisphosphoramidate derivatives and novel binuclear triorganotin(IV) complexes with diphosphoryl ligand

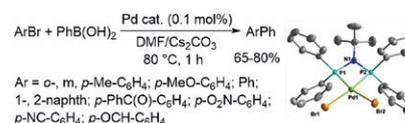
Khodayar Gholivand\*, Masoumeh Azadbakht, Yazdan Maghsoud, Mahdiah Hosseini and Canan Kazak



40–46

### Catalytic reactivity of the complexes [Pd{(Ph<sub>2</sub>P)<sub>2</sub>N('Bu)-P,P'}X<sub>2</sub>], X = Cl, Br, I, in the Suzuki-Miyaura C–C coupling reaction: Probing effects of the halogeno ligand X<sup>-</sup> and the ligand's 'Bu group

Polydoros-Chrysovalantis Ioannou, Cécile Arbez-Gindre, Maria Zoumpantioti, Catherine P. Raptopoulou, Vassilis Psycharis, Ioannis D. Kostas\* and Panayotis Kyritsis\*\*

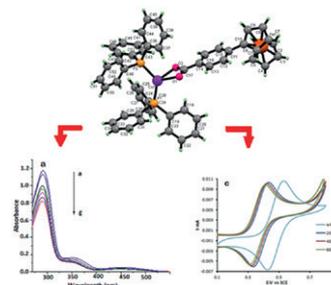


60–68

### New bioactive ferrocene-substituted heteroleptic copper(I) complex: Synthesis, structural elucidation, DNA interaction, and DFT study

Shumaila Zubair, Faiza Asghar\*\*, Amin Badshah\*, Bhajan Lal, Raja Azadar Hussain, Saira Tabassum and Muhammad Nawaz Tahir

The DNA binding efficiency of ferrocene-based heteroleptic copper(I) complex (**a4**) has been studied by electrochemical and spectroscopic methods, and exhibits an electrostatic association.



69–77

### (η<sup>6</sup>-Benzene)Ru(II) half-sandwich complexes of pyrazolated chalcogenoethers for catalytic activation of aldehydes to amides transformation

Kamal Nayan Sharma, Munsaf Ali, Avinash Kumar Srivastava and Raj Kumar Joshi\*

