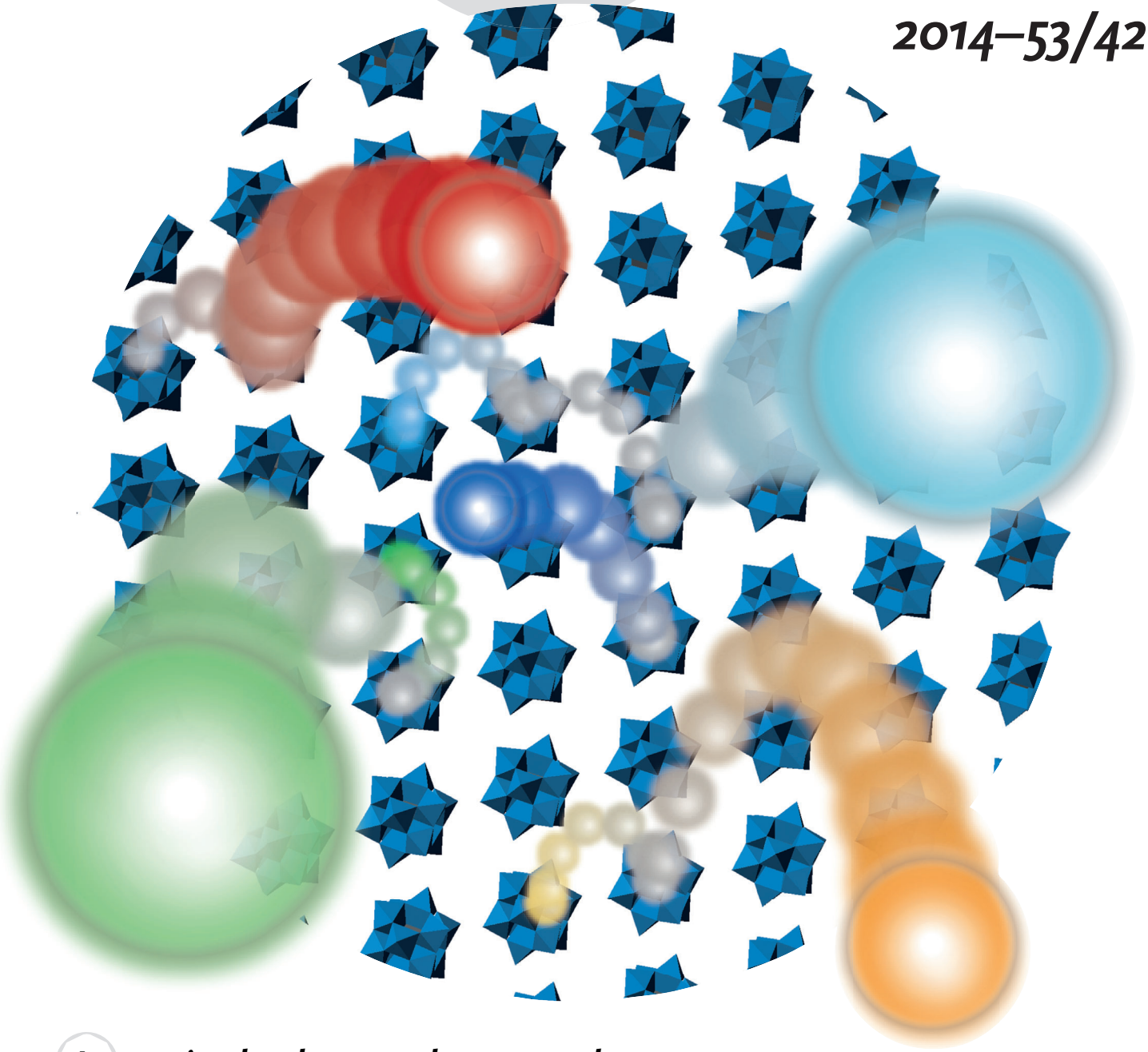
A Journal of the Gesellschaft Deutscher Chemiker

Angewandte International Edition Chemie

GDCh

www.angewandte.org

2014–53/42



In a mixed-valence polyoxometalate ...

... electrons are usually delocalized within the cluster anion because of the low intercluster interaction. In their Communication on page 11228 ff., R. Tsunashima et al. show how mixed-valence polyoxometalate clusters can be electrically wired together by cationic π-molecules of tetrathiafulvalene derivatives. The electron-transport characteristics of the single crystal arise from electron hopping through the strong interactions between the clusters and cationic π-molecules.

WILEY-VCH