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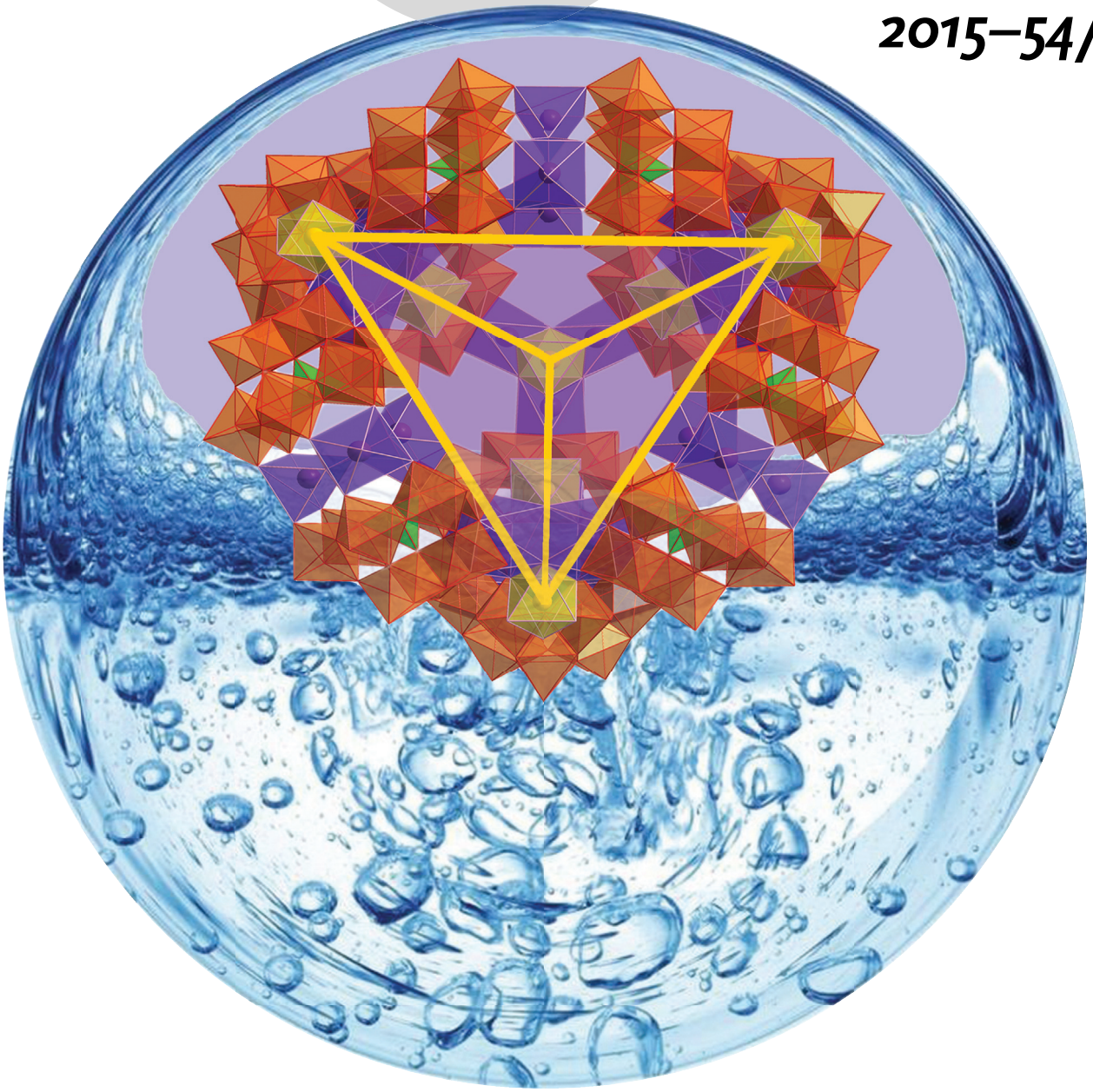

A giant 3d/4f/POM tetrahedron ...

... was prepared through a one-pot self-assembly process which combines 4f and 3d/4f coordination cluster chemistry with polyoxometalate (POM) chemistry. In their Communication on page 15574 ff., M. Ibrahim, A. K. Powell et al. describe how trilacunary $[GeW_9O_{34}]^{10-}$ POMs are used as superligands to construct the nanoscale hybrid anion $[\{(GeW_9O_{34})_2Dy^{III}_3(\mu\text{-}OH)_3(H_2O)\}_6\{Co^{II}_2Dy^{III}_3(\mu_3\text{-}OH)_6(OH_2)_6\}_4]^{56-}$, which contains 30 Dy^{III}, 8 Co^{II}, and 108 W^{VI} metal centers, and exhibits single-molecule magnet behavior. It contains the largest number of 4f ions of any POM system reported to date.

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