

# ChemComm

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The collage features several key elements:

- Periodic Table:** A partial view of the periodic table showing elements from Lithium (Li) to Radium (Ra) in the lower-left, and Zinc (Zn), Cadmium (Cd), Gallium (Ga), Indium (In), and Thallium (Tl) in the upper-right.
- Cadmium (Cd):** A large central element card for Cadmium (atomic number 48, atomic weight 112.41) with a red background.
- 3D Molecular Model:** A cluster of atoms represented by red, yellow, and blue spheres, set against a red background.
- 3D Lattice:** A grid of blue and green spheres representing a crystal lattice structure.
- Other Elements:** Cards for Aluminum (Al, atomic number 13, atomic weight 26.982) and a small portion of the table showing Nickel (Ni) and Copper (Cu).
- Colorful Blocks:** Various colored rectangular blocks in yellow, red, blue, and black.

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#### COMMUNICATION

Pavel Anzenbacher, Jr., *et al.*  
Hydroxyquinolines with extended fluorophores: arrays for turn-on and ratiometric sensing of cations

#### FEATURE ARTICLE

Jordi Gómez-Segura, Jaume Veciana and Daniel Ruiz-Molina  
Advances on the nanostructuration of magnetic molecules on surfaces: the case of single-molecule magnets (SMM)



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