Editorial Note

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We, the editorial board would like to thank all the users and
the staffs who have contributed to the editing of this “PF Highlights 2022”.

Cover Photos
Top: A schematic drawing of the mechanism of CRY/cIISCA1 complexation in the geomagnetic field,
assuming that cIISCA1 molecules are in the nondiamagnetic states. (Highlight 3-3)
Upper Middle: PES spectra around the B-1s core level of rhombohedral boron
monosulfide (blue line). (Highlight 1-3)
Lower Middle: The temporal evolutions of the peak intensity differences at α (398.97 eV) and β (399.56 eV),
which correspond to the population of the high spin state (laser on) and that of the low spin state (laser off),
respectively, measured at N K-edge for [Fe(phen)₃]²⁺ aqueous solution. (Highlight 5-3)
Bottom: STXM images of the Ryugu grains and X-ray absorption maps of
the organic functional groups. (Highlight 4-3)

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