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Supporting information for article:

Structural, spectroscopic and DFT theoretical studies of phosphorescent $CuIP_2S$-containing complexes

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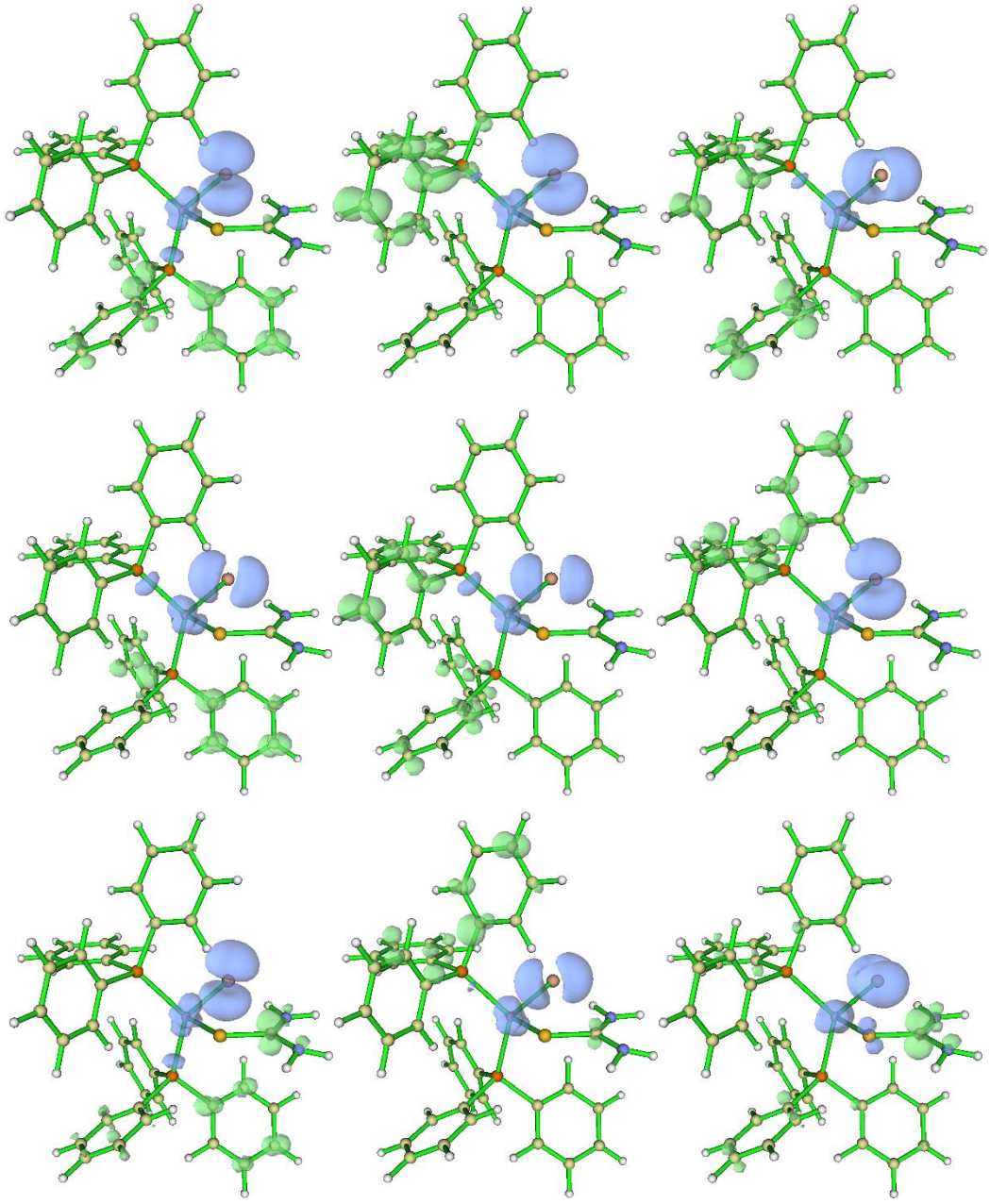
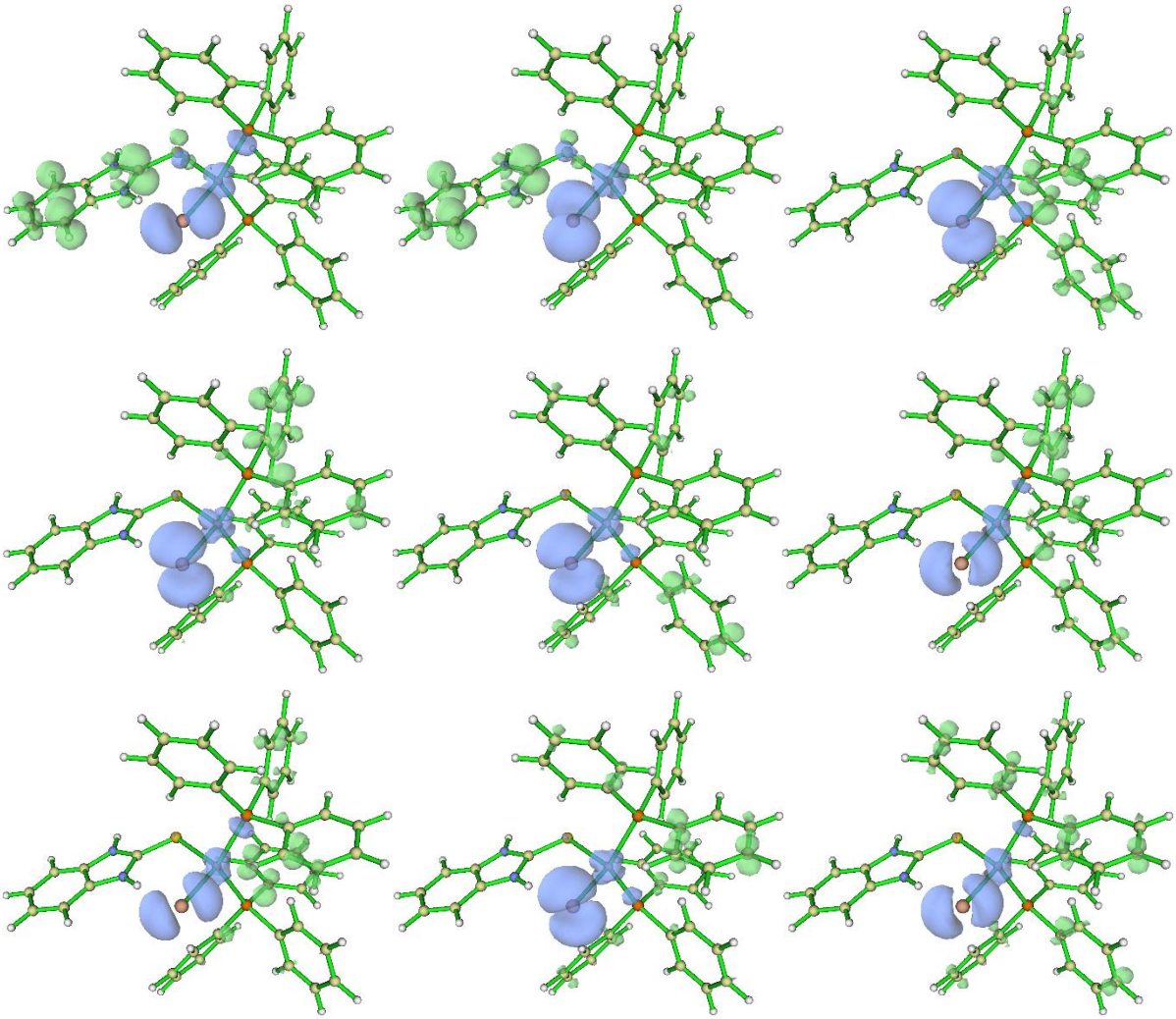
Figure S1 Electron density difference plots of 10 low-lying electron transitions of $S_{2\sim10}$[a] for **I**.



[a]Electron densities move from the blue area to the green area. Isovalue = 0.004. The transition wavelength and major contributions are listed in Table 4.

Figure S2 Electron density difference plots of 10 low-lying electron transitions of $S_{2\sim10}$[a] for **II**.



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