

Supporting Information:

Spectral properties of supramolecular systems based on cobalt(II)/manganese(III) phthalocyanine and fullerene[60]pyrrolidines with PET

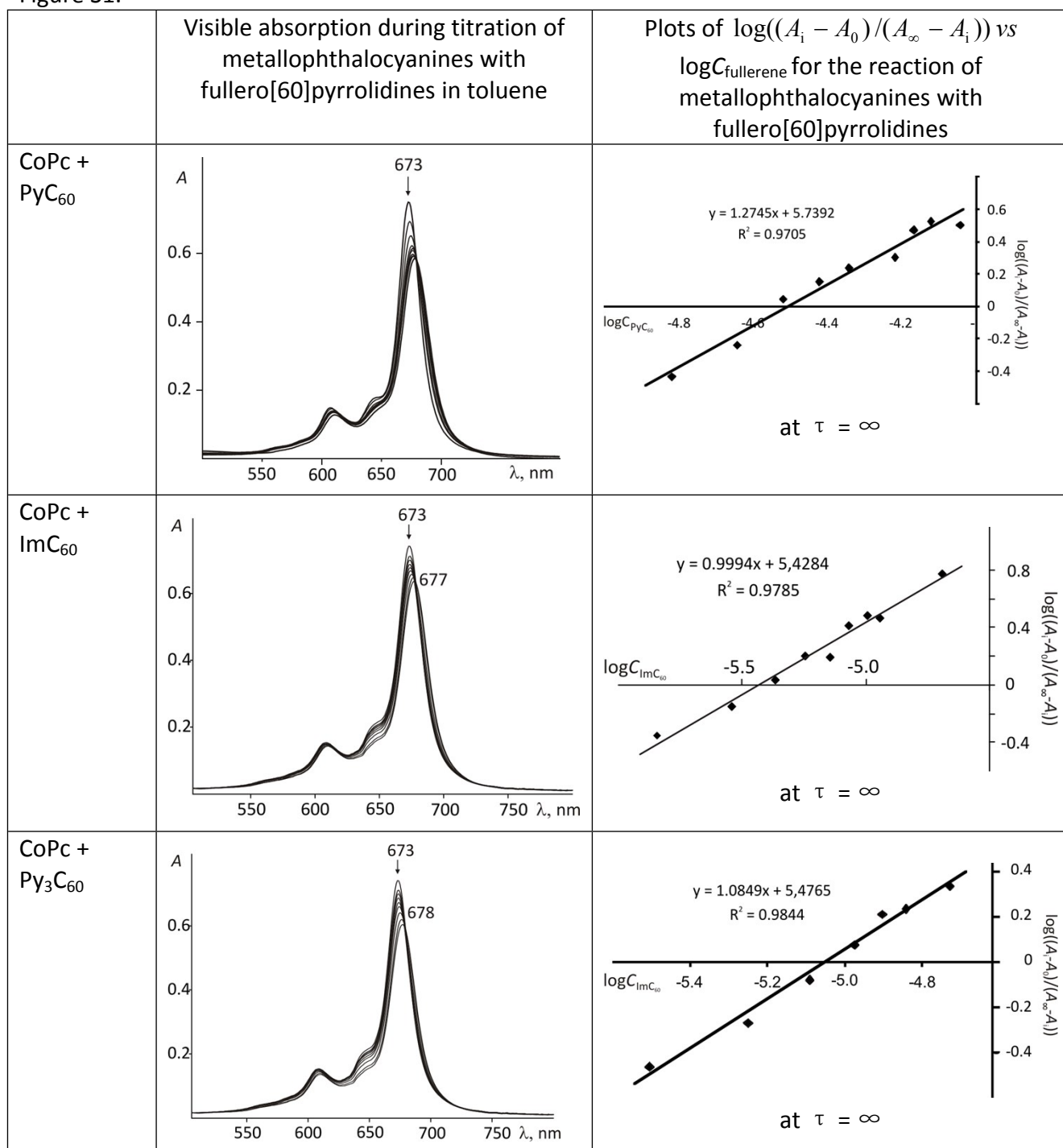
N.G. Bichan,^a E.N. Ovchenkova,^a A.A. Tsaturyan,^b T.N. Lomova^a

^aG.A. Krestov Institute of Solution Chemistry of the Russian Academy of Sciences, Ivanovo, 153045 Russia.

^bInstitute of Physical and Organic Chemistry, Southern Federal University, Rostov-on-Don, 344090, Russia.

E-mail: enk@isc-ras.ru

Figure S1.



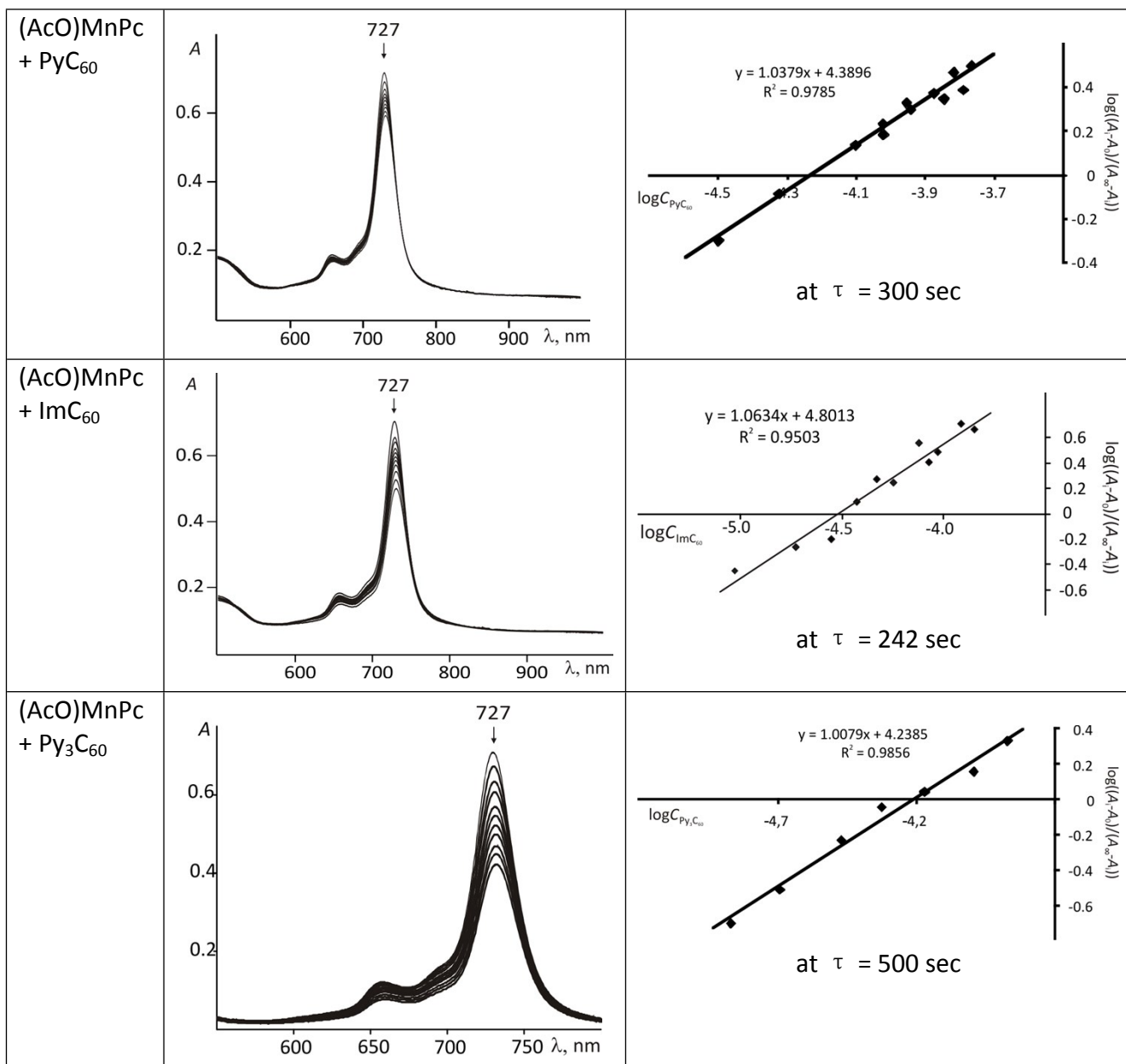


Figure S2. The shape of the frontier molecular orbitals of (PyC₆₀)CoPc.

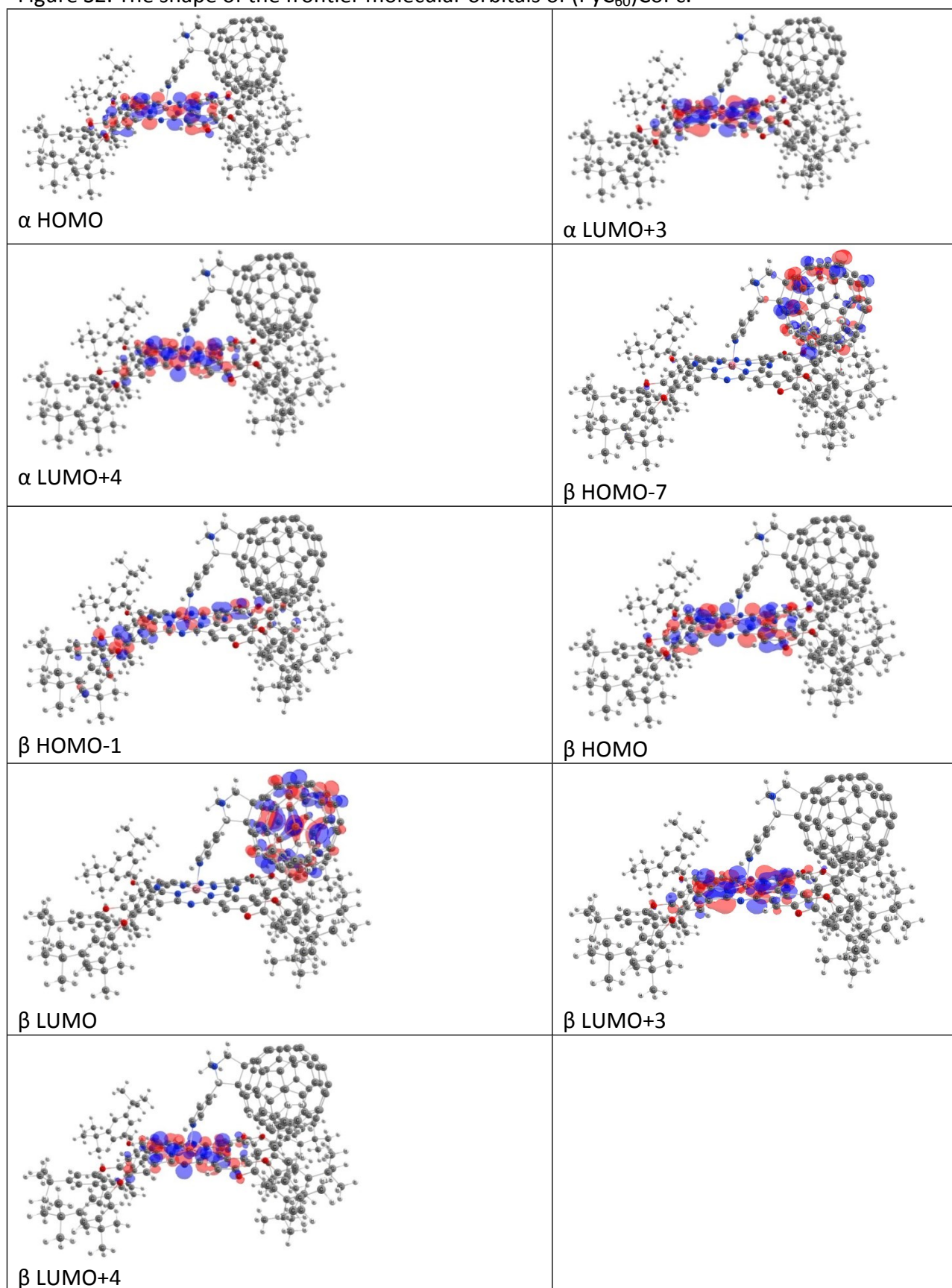


Figure S3. The shape of the frontier molecular orbitals of (AcO)(PyC₆₀)MnPc.

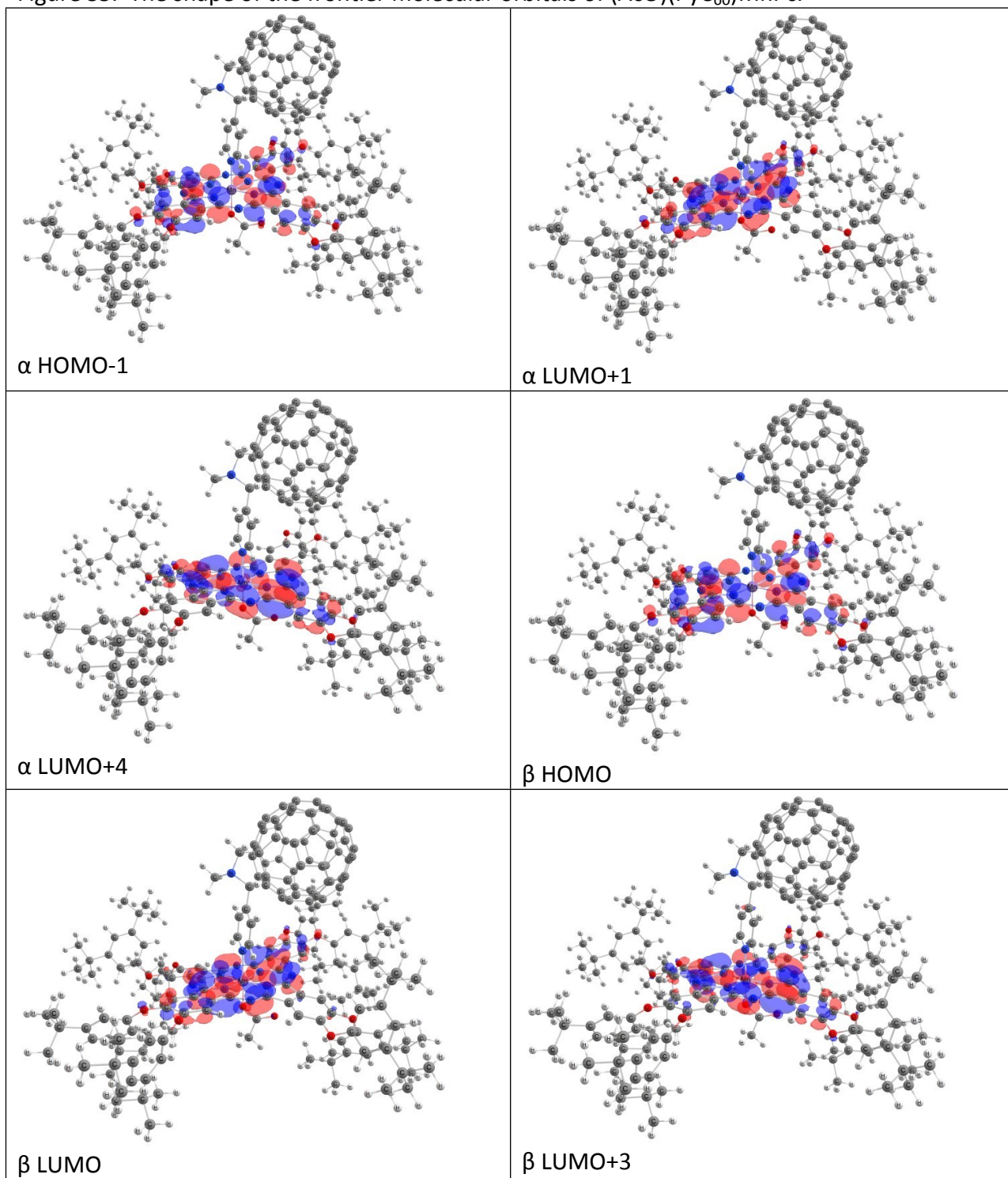
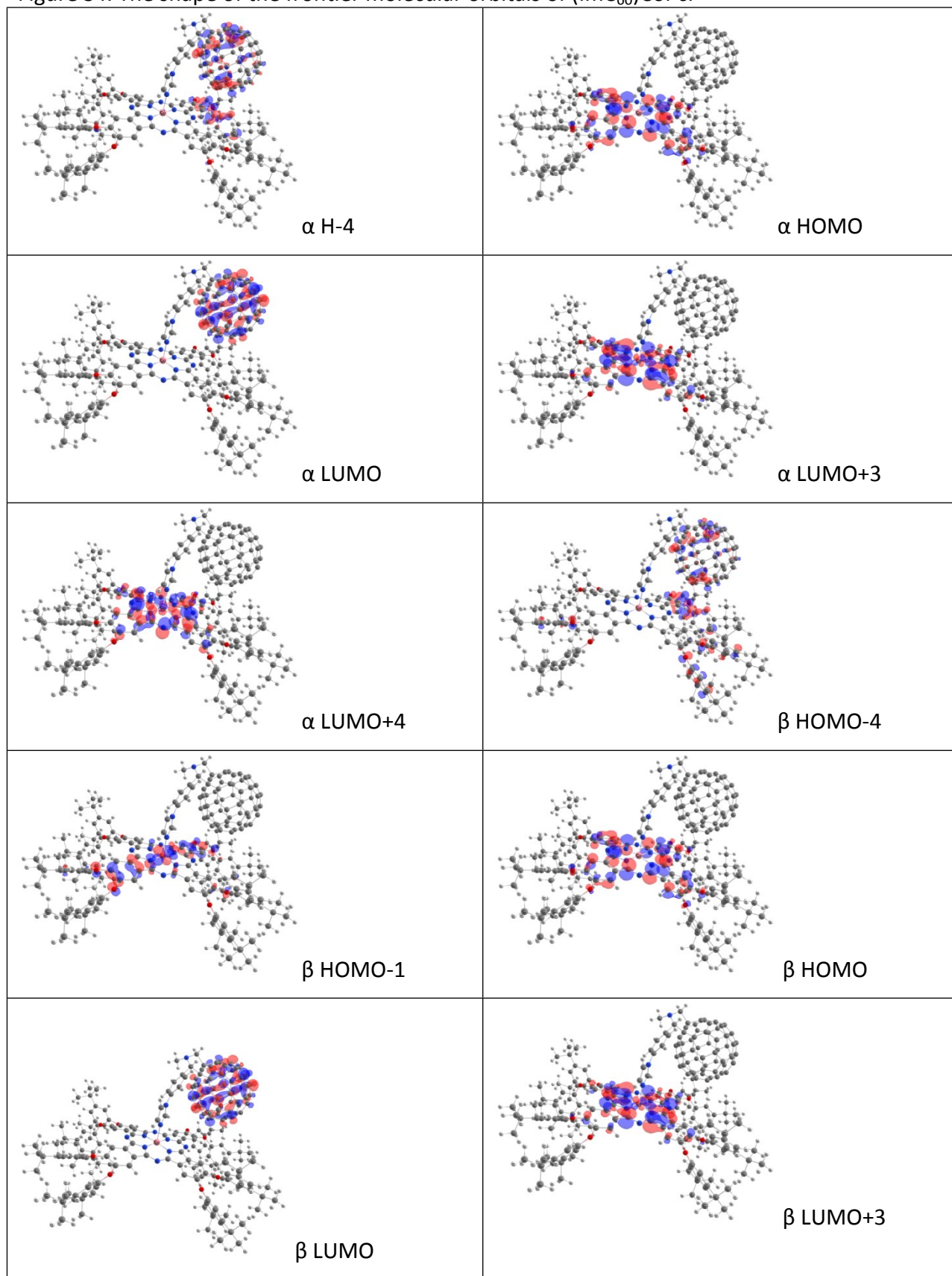


Figure S4. The shape of the frontier molecular orbitals of (ImC₆₀)CoPc.



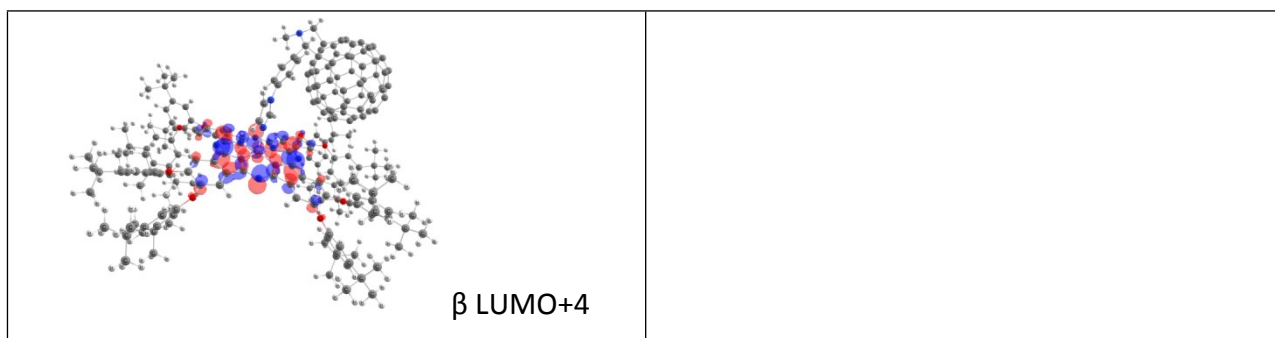


Figure S5. The shape of the frontier molecular orbitals of (AcO)(ImC₆₀)MnPc.

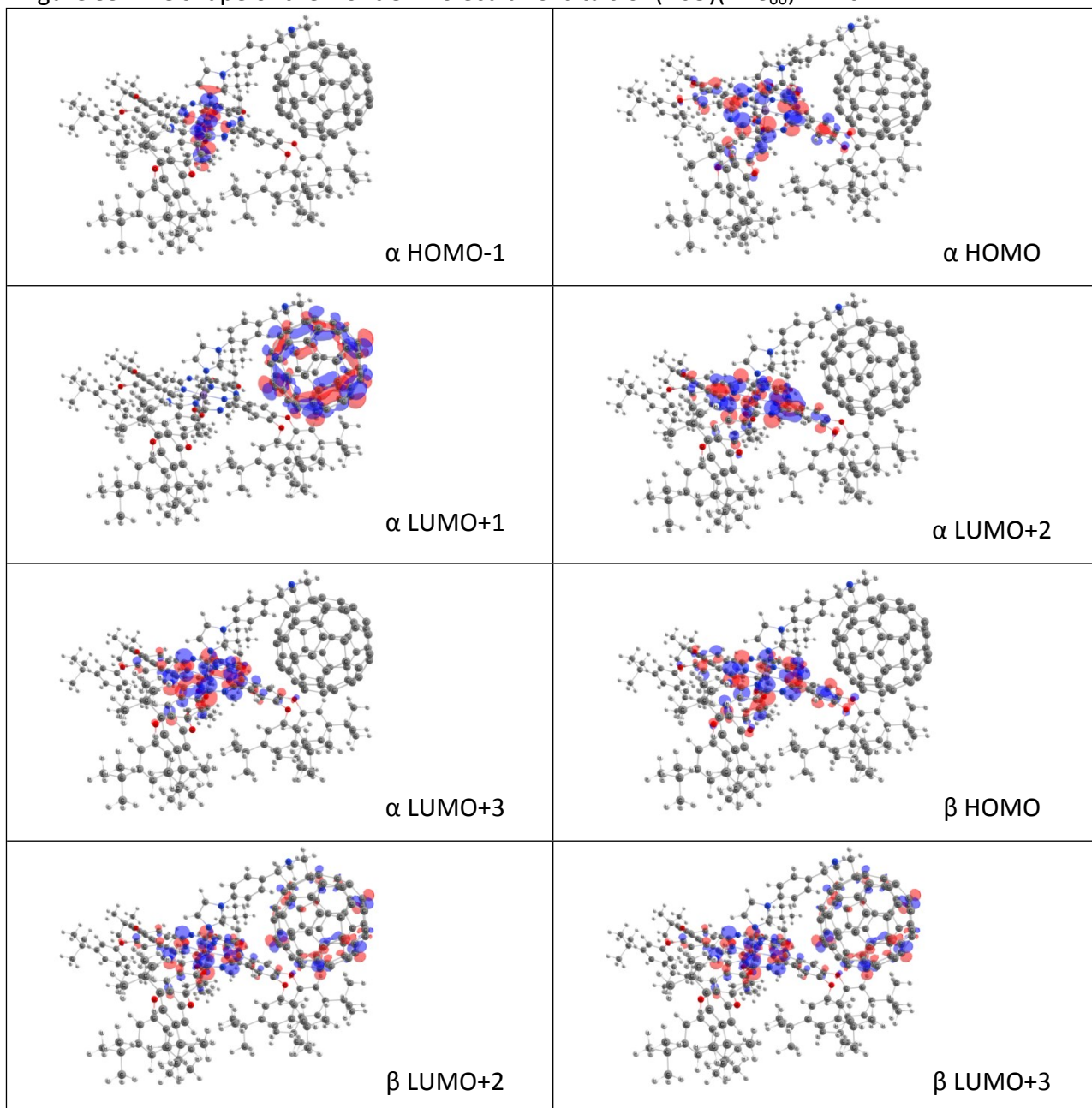


Figure S6. Fluorescence spectra ($\lambda_{\text{exc}} = 395 \text{ nm}$) of (AcO)MnPc ($C_{(\text{AcO})\text{MnPc}} = 4.4 \times 10^{-6} \text{ M}$) and dyads (AcO)(PyC₆₀)MnPc ($C_{(\text{AcO})\text{MnPc}} = 4.7 \times 10^{-6} \text{ M}$, $C_{\text{PyC}_{60}} = 1.3 \times 10^{-4} \text{ M}$), (AcO)(ImC₆₀)MnPc ($C_{(\text{AcO})\text{MnPc}} = 4.4 \times 10^{-6} \text{ M}$, $C_{\text{ImC}_{60}} = 1.4 \times 10^{-4} \text{ M}$), (AcO)(Py₃C₆₀)MnPc ($C_{(\text{AcO})\text{MnPc}} = 4.6 \times 10^{-6} \text{ M}$, $C_{\text{Py}_3\text{C}_{60}} = 1.4 \times 10^{-4} \text{ M}$).

