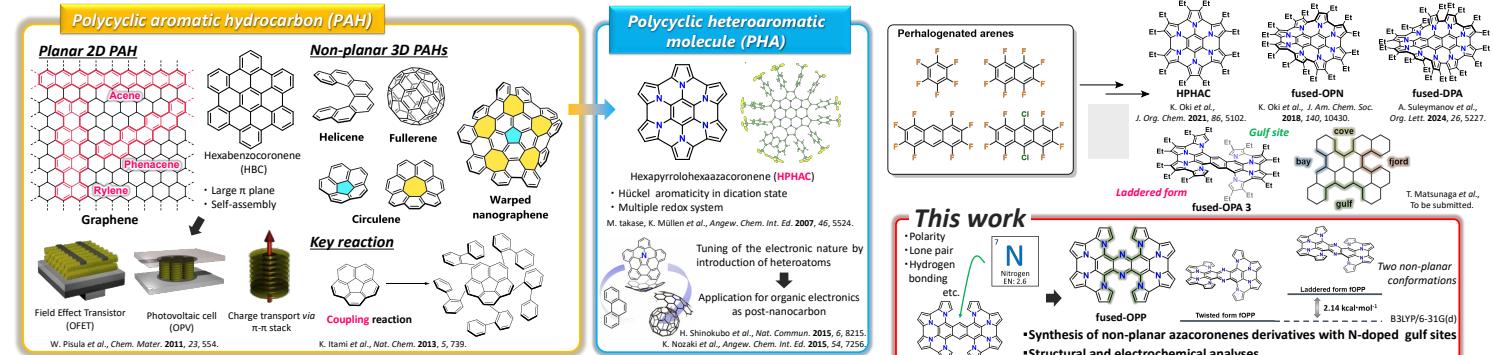


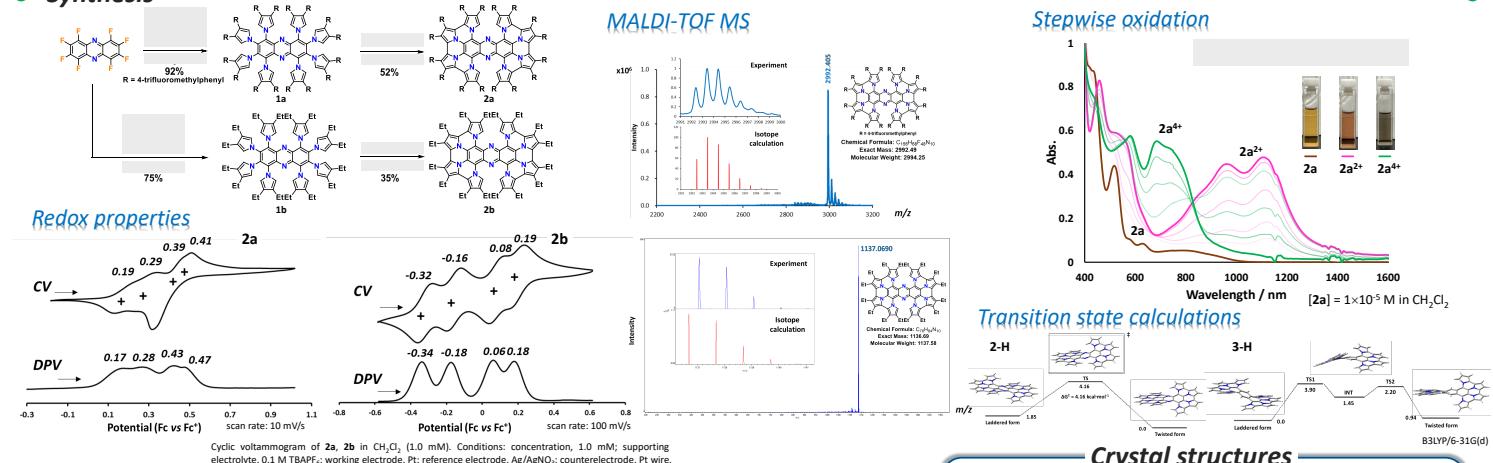
ガルフ部位に窒素原子を有する非平面型アザコロネン類の合成と物性 Synthesis and Properties of Non-planar Azacoronene Derivatives with N-doped Gulf Sites

○和多海斗¹, 松永昂之¹, 森重樹², 奥島鉄雄¹, 宇野英満¹, 高瀬雅祥¹
(愛媛大院理工¹, 愛媛大ADRES²)

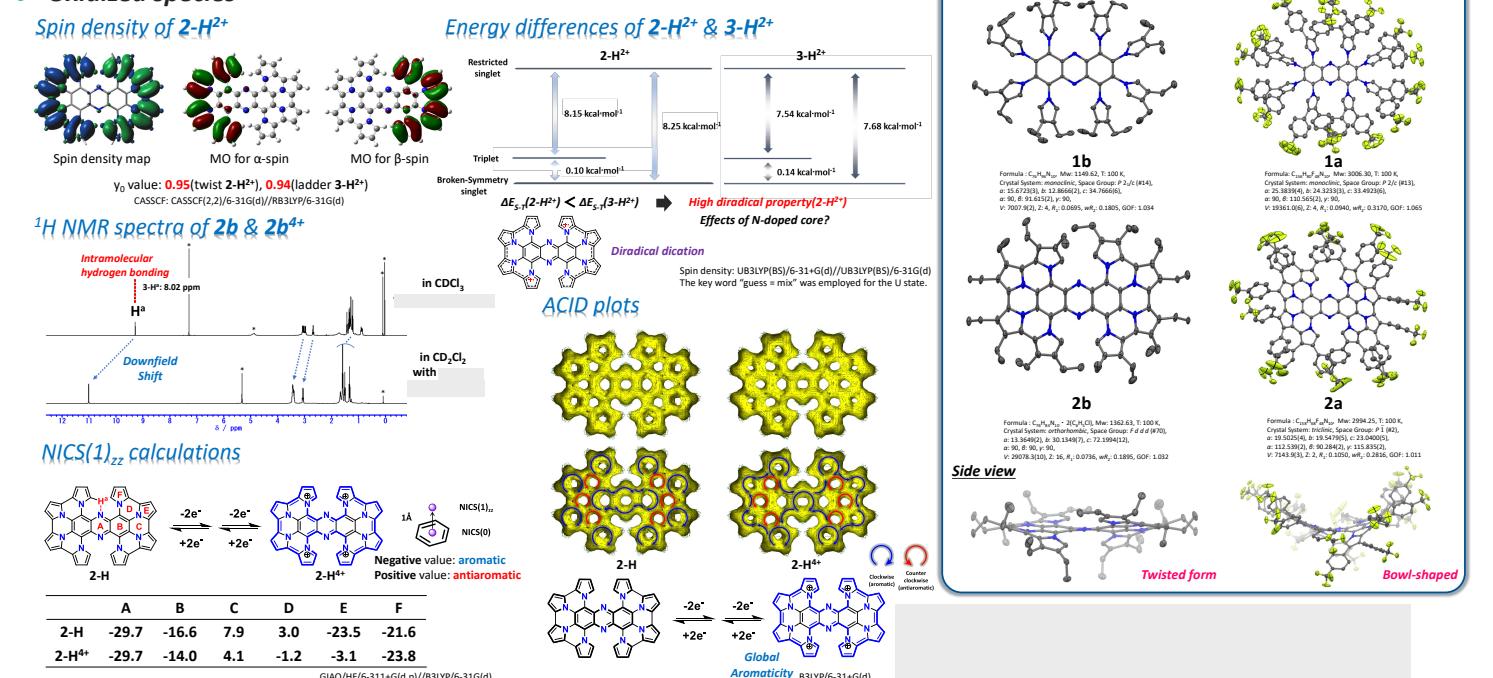
Introduction



Synthesis



Oxidized species



Summary and future work

- Compounds **2a**, **2b** were synthesized.
- Compounds **2a**, **2b** were expected to take two conformations, and their single crystal structure showed a twisted and bowl structure.
- Diradical character for **2-H²⁺** and global aromaticity for **2-H⁴⁺** were suggested.