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Correction: Two-dimensional conjugated metal–organic frameworks (2D c-MOFs): chemistry and function for MOFtronics

Mingchao Wang, Renhao Dong* and Xinliang Feng*

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Correction for 'Two-dimensional conjugated metal–organic frameworks (2D c-MOFs): chemistry and function for MOFtronics' by Mingchao Wang *et al.*, *Chem. Soc. Rev.*, 2021, 50, 2764–2793, DOI: 10.1039/D0CS01160F.

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The authors regret that incorrect chemical structures of phthalocyanines were shown in Fig. 2e and 2d of the original article. The corrected figures are shown below.

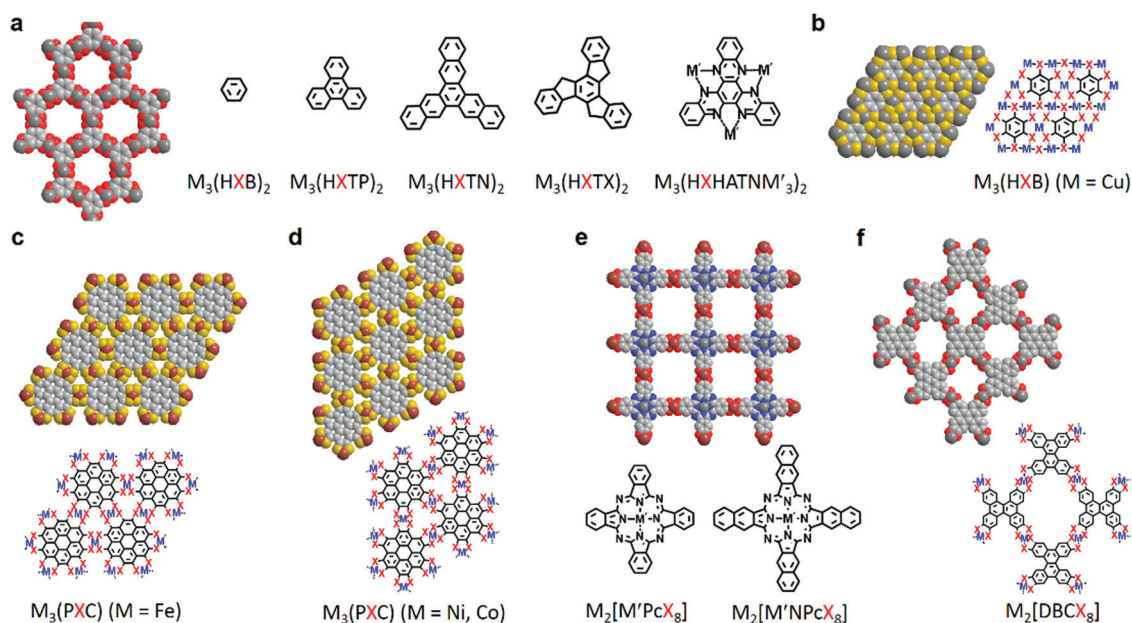


Fig. 2 Structure of various 2D c-MOFs. (a) 2D c-MOFs with honeycomb lattice. $M_3(HXB)_2$, $M_3(HXTP)_2$, $M_3(HXTN)_2$, $M_3(HXTX)_2$, $M_3(HXHATNM'_3)_2$. (b–d) Non-porous 2D c-MOFs. $M_3(HXB)$ ($M = Cu$; $X = S, Se$) and $M_3(PXC)$ ($M = Fe, Ni, Cu$; $X = S$). (e) 2D c-MOFs with square lattice. $M_2[M'PcX_8]$ ($M = Fe, Co, Ni, Cu, Zn$; $M' = Fe, Ni, Cu, Zn$; $X = O, NH$) and $M_2[M'NPcX_8]$ ($M = Ni, Cu$; $M' = Ni$; $X = O$). (f) Non-planar 2D c-MOF. $M_2[DBCX_8]$ ($M = Cu$; $X = O$).

Center for Advancing Electronics Dresden (cfaed) & Faculty of Chemistry and Food Chemistry, Technische Universität Dresden, 01062 Dresden, Germany.
E-mail: xinliang.feng@tu-dresden.de, renhao.dong@tu-dresden.de



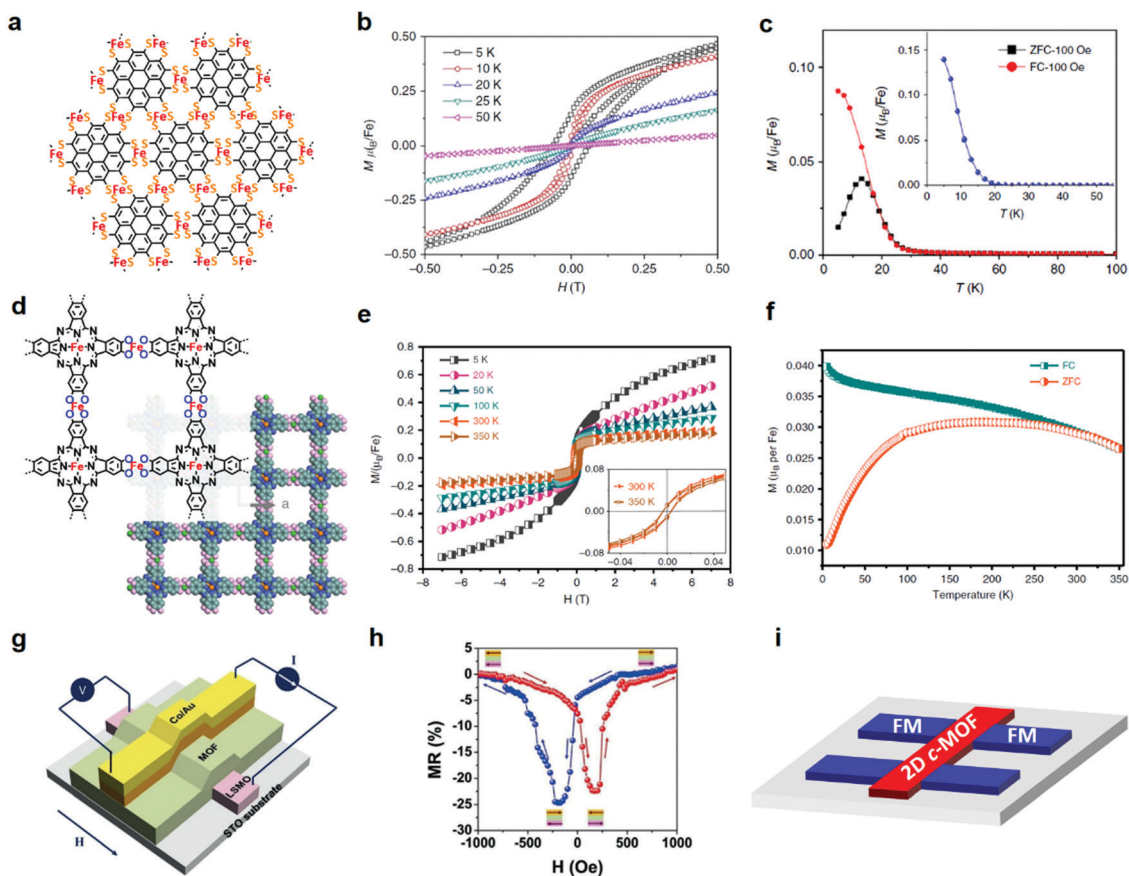


Fig. 24 Spin-properties of 2D *c*-MOFs. (a–c) $\text{Fe}_3(\text{PTC})$ 2D *c*-MOF and its ferromagnetic ground state, magnetic hysteresis loops at different temperatures, as well as field-cooled (FC)/zero-field-cooled (ZFC) magnetization as a function of temperature at an applied field of 100 Oe.³² Copyright 2018, Nature Publishing Group. (d–f) $\text{Fe}_2[\text{FePcO}_8]$ 2D *c*-MOF and its magnetic hysteresis loops at different temperatures, ZFC/FC magnetization at 100 Oe.³³ Copyright 2019, Nature Publishing Group. (g and h) Diagram of the $\text{Cu}_3(\text{HHTP})_2$ based vertical OSV and its magnetoresistance loop at 10 K. Reproduced with permission ref. 97. Copyright 2020, Wiley-VCH. (i) Schematic illustration of lateral spin valves.

We are sorry that wrong page number was presented for reference 53 “H. Zhong, M. Ghorbani-Asl, K. H. Ly, J. Zhang, J. Ge, M. Wang, Z. Liao, D. Makarov, E. Zschech, E. Brunner, I. M. Weidinger, J. Zhang, A. V. Krashennnikov, S. Kaskel, R. Dong and X. Feng, *Nat. Commun.*, 2020, **11**, 1721”.

The correct number is “*Nat. Commun.*, 2020, **11**, 1409”.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

