Cite this: *Chem. Soc. Rev.*, 2022, 51, 793

DOI: 10.1039/d2cs90005j

rsc.li/chem-soc-rev

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

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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.

The authors regret that incorrect chemical structures of phthalocyanines were shown in Fig. 2e and 24d 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. $M_3(\text{HXB})_2$, $M_3(\text{HXP})_2$, $M_3(\text{HXTN})_2$, $M_3(\text{HXTX})_2$, $M_3(\text{HXHATNM}')_2$. (b–d) Non-porous 2D c-MOFs. $M_3(\text{HXB})$ ($M = \text{Cu}$; $X = \text{S, Se}$) and $M_3(\text{PXC})$ ($M = \text{Fe, Ni, Cu}$; $X = \text{S}$). (e) 2D c-MOFs with square lattice. $M_2[\text{M}'\text{PcX}_8]$ ($M = \text{Fe, Co, Ni, Cu, Zn}$; $M' = \text{Fe, Ni, Cu, Zn}$; $X = \text{O, NH}$) and $M_2[\text{M}'\text{NPcX}_8]$ ($M = \text{Ni, Cu}$; $M' = \text{Ni}$; $X = \text{O}$). (f) Non-planar 2D c-MOF. $M_2[\text{DBCX}_8]$ ($M = \text{Cu}$; $X = \text{O}$).

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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. Krashenninnikov, 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.