

Abbreviations

0D	Zero-dimensional
1D	One-dimensional
2D	Two-dimensional
3D	Three-dimensional
5-ATZ	5-Aminotetrazole
Calcd.	Calculated
CCDC	Cambridge Crystallographic Data Centre
CPs	Coordination polymers
DFT	Density functional theory
Et ₃ N	Triethylamine
g	Gram
H ₂ NIP	5-nitro-isophthalic acid
H ₂ idiac	Iminodiacetic acid
H ₂ ndc	Naphthalene-2,6-dicarboxylic acid
Phdac	1,4-phenylene diacetic acid
Cbprop	3-(4-carboxyphenyl) propionic acid
4-nph	4-nitrophthalic acid
HSSal	5-Sulfosalicylic acid
Ind	indane-2,2'-dicarboxylic acid
Dbsf	4,4'-sulfonyldibenzoic acid
NIPH	5-nitro-isophthalic acid

BDAC	1,4-benzenediacrylic acid
bpp	4,4'-trimethylene dipyridine
4,4'-bipy	4,4'-bipyridine
phen	1,10-phenanthroline
bipy	2,2'-bipyridyne
IR	Infra-red
LMCT	Ligand-to-metal charge transfer
M	Molar
mela	Melamine or 2,4,6-triaminotriazine
mg	Miligram
mL	Mililitre
MLCT	Metal-to-ligand charge transfer
MMCT	Metal-to-metal charge transfer
Mmol	Milimole
MOCNs	Metal-organic coordination networks
MOFs	Metal organic frameworks
NaH ₂ Sip	5-sulfoisophthalic acid monosodium salt
Obs.	Observed
PCPs	Porous coordination polymers
phen	o-Phenanthroline
PXRD	X-ray powder diffraction
quin	5,6,7,8-tetrahydro-quinoxaline
SBU	Secondary building units

SHAB	Soft Hard Acid Base
TG	Thermogravimetric
TGA	Thermogravimetric analysis
UV	Ultraviolet
λ_{em}	Emission maxima
λ_{ex}	Excitation wavelength