

Abbreviation

Acetonitrile	MeCN
Acetic acid	AcOH
Addison index	τ
Alpha	α
Analytical reagent	AR
Angstrom	Å
Beta	β
Binding constant of the compound with serum albumin	K_b
2,2'-Bipyridine	2,2'-bipy
4,4'-Bipyridine	4,4'-bipy
Bovine serum albumin	BSA
Bohr magneton	μ_B
Bromine	Br
Calf thymus DNA	CT-DNA
Carbon	C
Centimetre	cm
Chlorine	Cl
Chloroform D	CDCl ₃
Cyclic voltammetry	CV
Day	d
Degree centigrade	°C
Delta	δ
Dimethyl sulphoxide	DMSO
Dicyanamide	dca
3,5-di-tert-butylcatechol	3,5-DTBC
3,5-di-tert-butylquinone	3,5-DTBQ
N,N'-dimethylformamide	DMF
Electron paramagnetic resonance	EPR
Electro spray ionization mass spectroscopy	ESI-MS
Ethidium bromide	EB
Fluorine	F
Fourier transformed-Infrared spectroscopy	FT-IR
Gamma	γ
Gram	g
Hour	h
Human serum albumin	HSA
4-(2-hydroxyethyl)-1-piperazineethanesulfonic acid	HEPES
Hydrogen	H
Hydroxide	OH ⁻
Hydrazinium	NH ₂ -NH ₃ ⁺
Intrinsic binding constant	K_{ib}

Iodine	I
Isophthalate	<i>m</i> -phth
Kilovolt	kV
Kilohertz	kHz
Lifetime of serum albumin	τ_0
Liter	L
Magnetic susceptibility	χ
Magnetic exchange coupling	<i>J</i>
Mass to charge ratio	<i>m/z</i>
Megahertz	MHz
Methanol	MeOH
Milliampere	mA
Milligram	mg
Milliliter	mL
Millimeter	mm
Millimole	mmol
Micro Molar	μ M
Molar extinction co-efficient	ϵ
Molar magnetic susceptibility	χ_M
Nanometre	nm
Nitrogen	N
Nitrosonium ion	NO ⁺
Number of binding sites per albumin	<i>n</i>
Oxalate	ox
One dimensional	1D
Parts per million	ppm
Percentage	%
1,10-Phenanthroline	phen
1,4-Phenylenediacrylate	ppda
Pie	π
Platinum	Pt
Potassium bromide	KBr
Proton nuclear magnetic resonance	¹ HNMR
Pyridine-2,5-dicarboxylate	2,5-pdc
Pyridine-2,6-dicarboxylate	2,6-pdc
Pyridine-3,5-dicarboxylate	3,5-pdc
Pyridine	py
Quantum yield	Φ_s
Quenching rate constant	<i>k_q</i>
Silver	Ag
Single-Ion Magnet	SIM
Single-molecule magnet	SMM
Spin-orbit coupling	SOC

Stern-Volmer constant	K_{sv}
Superconducting quantum interference device	SQUID
Temperature	T
Turnover number	K_{cat}
Tetraethyl ammonium perchlorate	TEAM
Temperature-independent paramagnetism	TIP
Terephthalate	tp
Two dimensional	2D
Three dimensional	3D
Total number of molecules present in the asymmetric unit	Z
Triethylamine	Et ₃ N
Ultraviolet-visible	UV-vis
Water	H ₂ O
Wavelength	λ
X-ray powder diffraction	PXRD
