

ABBREVIATION

AAS	Atom absorption spectroscopy
AMTA	3-Amino-5-mercapto-1,2,4-triazole
aq.	aqueous
ATP	Adenosine triphosphate
BET	Brunauer-Emmett-Teller
BIM	Bis(indolyl)methane
BMIM	1-Butyl-3-methylimidazolium
BPO	Benzoyl peroxide
BPTA	Bis(4-pyridylamino)triazine
br	broad
CAN	Ceric ammonium nitrate
CAS	Ceric ammonium sulphate
Cbz	Carboxybenzyl
CD	Cyclodextrin
cm	centimeter
CTAB	Cetyltrimethylammonium bromide
Cy	Cyclohexyl
d	doublet
DBU	1,8-Diazabicyclo[5.4.0]undec-7-ene
DCB	Dichlorobenzene
DCE	1,2-Dichloroethane
DCM	1,2-Dichloromthane
DES	Deep eutectic solvent
DMF	<i>N, N</i> -Dimethylformamide
DMPU	<i>N, N</i> -Dimethylpropyleneurea
DMSO	Dimethyl sulfoxide
DTA	Different thermal analysis
DTG	Derivative Thermogravimetry
EDX	Energy-dispersive X-ray spectroscopy

Equiv	Equivalent
ESI	Electrospray ionization
FE-SEM	Field Emission Scanning Electron Microscopy
FT-IR	Fourier-transform infrared spectroscopy
g	gram/grams
GAAS	Gluconic acid aqueous solution
GO	Graphene oxide
h	hour/hours
HIV	Human immunodeficiency virus
HMBMIBDCI	Hexamethylene bis(<i>N</i> -methylimidazolium) bis(dichloroiodate)
HRMS	High-resolution mass spectroscopy
HR-TEM	High-resolution transmission electron microscopy
HTIB	Hydroxy(tosyloxy)iodobenzene
ICP-AES	Inductive coupled plasma atomic emission spectroscopy
IKK	IκB kinase
IL	Ionic liquid
LC-MS	Liquid chromatography-mass spectroscopy
m	multiplet
M	Molar
MCM	Mobil composition of matter
mg	milligram
MHz	Mega hertz
min	minute/minutes
mL	millilitre
mmol	millimole
mol%	mole percent
MNP	Magnetic nanoparticle
MP	Melting point
MS	Molecular sieve
MW	Microwave
MWI	Microwave irradiation

N	Normal
nm	nanometer
NMDA	<i>N</i> -Methyl- <i>D</i> -aspartate
NMP	<i>N</i> -Methyl-2-pyrrolidone
NMR	Nuclear magnetic resonance
NMS	Nicotinum methane sulphonate
ompg	Ordered mesoporous graphite
°C	Degree Celsius
PEG	Polyethylene glycol
PHI	Poly(heptazine imide)
PSD-95	Postsynaptic density protein-95
PTPI	Polytriphenylimidazole
PVP	Polyvinylpyrrolidone
PXRD	Powder X-ray diffraction
rt	room temperature
s	singlet
SEM	Scanning electron microscopy
SGO	Sulphonated graphene oxide
SDBS	Sodium dodecylbenzene sulphonate
t	triplet
TBD	1,5,7-Triazabicyclo[4.4.0]dec-5-ene
TEMPO	(2,2,6,6-Tetramethylpiperidine-1-yl)oxyl
TfOH	Triflic acid
TFE	Trifluoroethanol
TGA	Thermogravimetric Analysis
THF	Tetrahydrofuran
TLC	Thin-layer chromatography
TMS	Trimethylsilane
US	Ultrasonication
V	Volt
VSM	Vibrating sample magnetometer

μ W	Microwave
WEMFSA	Water extract of muskmelon fruit shell ash
wt%	weight percentage
ZSM	Zeolite Socony Mobil