

Towards Flexible Solid-state Supercapacitors for Smart and Wearable Electronics

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Acronyms

- Polyacrylamide – PAM
- Polyvinyl alcohol – PVA
- Poly(ethylene oxide)- PEO
- Poly(methyl methacrylate) – PMMA
- Poly(polyacrylate)- PAA
- Poly(amine-ester) – PAE
- Polyacrylonitrile (PAN),
- Poly(vinylidene fluoride)- PVdF
- Poly(vinylidene fluoride-co-hexafluoropropylene) - PVdF-HFP
- Poly-(ethylene glycol)- PEG
- Poly(ethylene glycol) diacrylate – PEGDA
- Poly(2-ethoxyethyl methacrylate)- PEOEMA
- Silicotungstic acid – SiWA
- $H_5BW_{12}O_{40}^-$ BWA
- Tetraethylammonium hydroxide – TEOH
- Dimethylformamide – DMF
- Propylene carbonate – PC
- Sodium bis(trifluoromethanesulfonyl)imide – NaTFSI
- Ethylene carbonate – EC
- Dimethyl carbonate – DMC
- 1-butyl-3-methylimidazolium chloride - BMIMCl
- 1-ethyl-3-methylimidazolium tetrafluoroborate - EMIMBF₄
- 1-ethyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide - [EMIM][TFSI]
- 1-ethyl-3-methylimidazolium hydrogen sulfate - EMH₂SO₄
- 1-methylimidazolium hydrogen sulfate - MH₂SO₄
- Imidazolium hydrogen sulfate - ImH₂SO₄
- 1-butyl-3-methylimidazolium hexafluorophosphate - BMIPF₆
- 1-ethyl-3-methylimidazolium chloride - EMIMCl
- Bromamine acid sodium – BAAS
- 1-anthraquinone sulfonic acid sodium – AQQS
- 2-mercaptopyridine – PySH
- Ferrocene – fc
- 4-oxo-2, 2, 6, 6-tetramethylpiperidinoxy - 4-oxo TEMPO
- Tetraethylammonium tetrafluoroborate - TEABF₄
- 1-ethyl 3-methyl imidazolium trifluoromethanesulfonate – EMITf
- Ammonium trifluoromethanesulfonate - NH₄Tf
- 1-butyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide – [BMIM][TFSI]
- p-benzenediol – PB
- Polyethylene terephthalate – PET
- Polydimethylsiloxane – PDMS
- Carboxymethyl cellulose – CMC

- Polyethersulfone – PES
- Polyoxometalates-POMs
- Black Phosphorous- BP
- Metal-organic Frameworks - MOFs