

Review

Polymer Membranes for all-Vanadium Redox Flow Batteries: A Review

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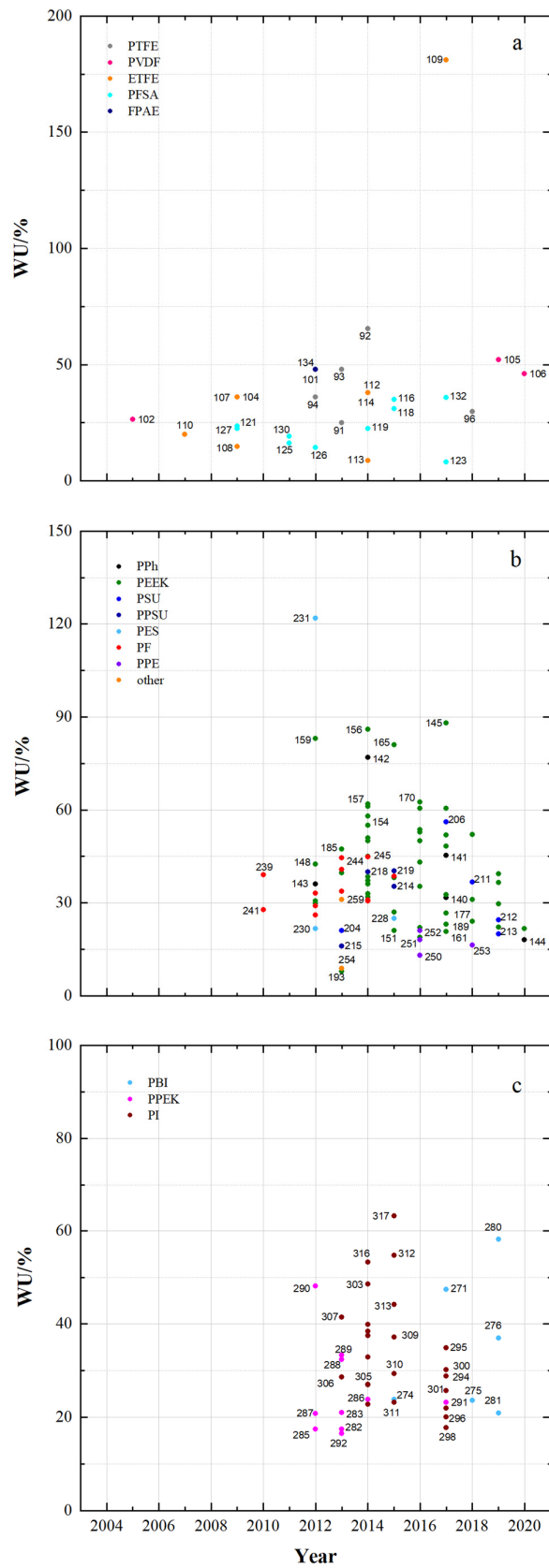


Figure S1: The water uptake of developed membranes in recent years: (a) fluoro-carbons, (b) hydro-carbons and (c) *N*-heterocycles.

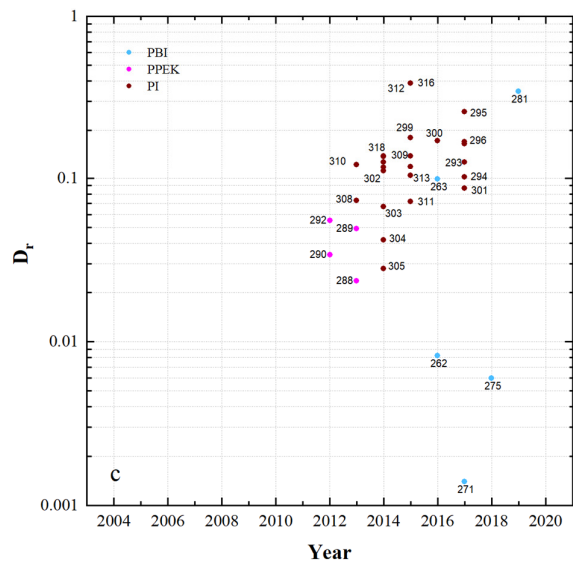
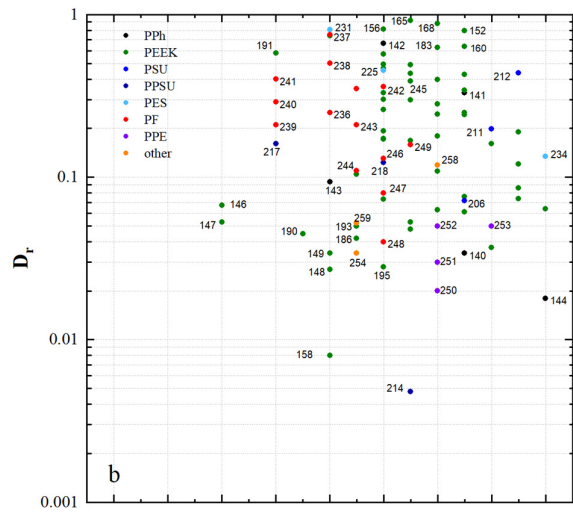
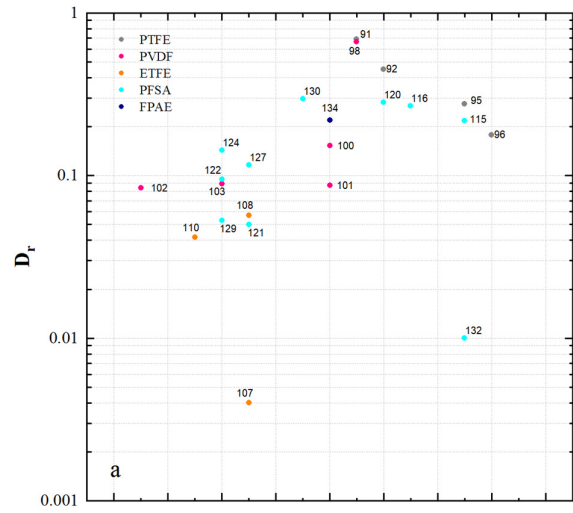


Figure S2: The diffusion coefficient ratio of developed membranes in recent years: (a) fluorocarbons, (b) hydrocarbons and (c) *N*-heterocycles.

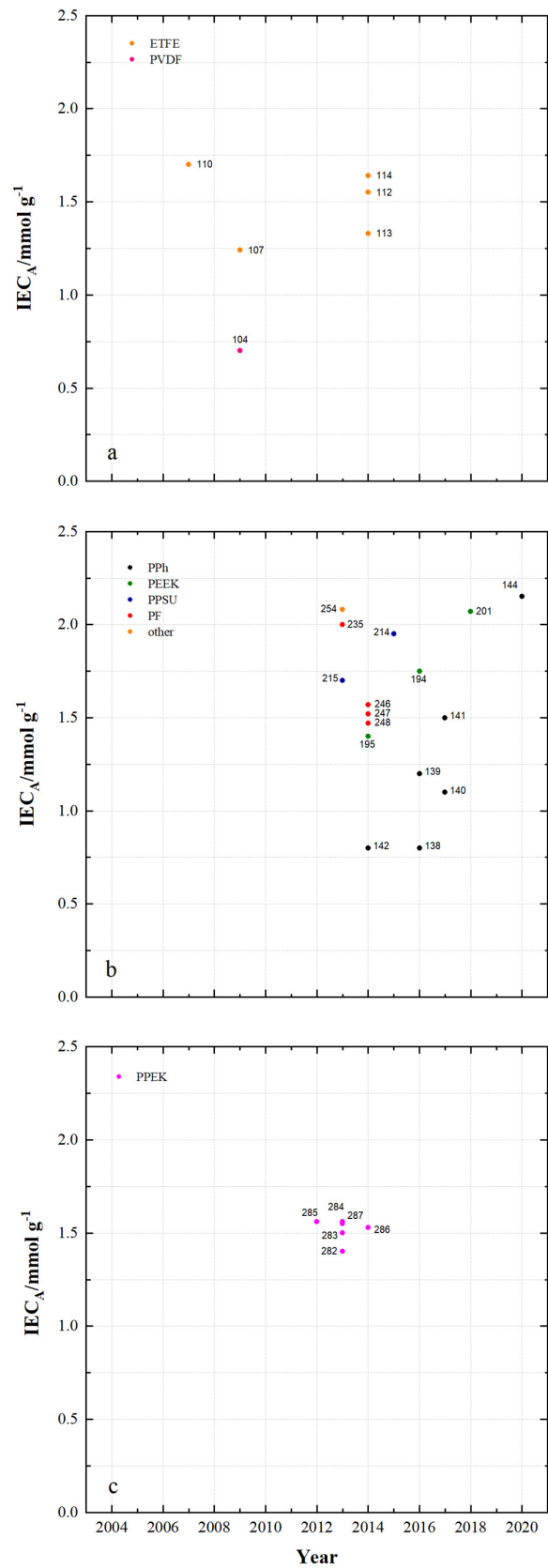


Figure S3: The anion exchange capacity of developed membranes in recent years: (a) fluorocarbons, (b) hydrocarbons and (c) *N*-heterocycles.