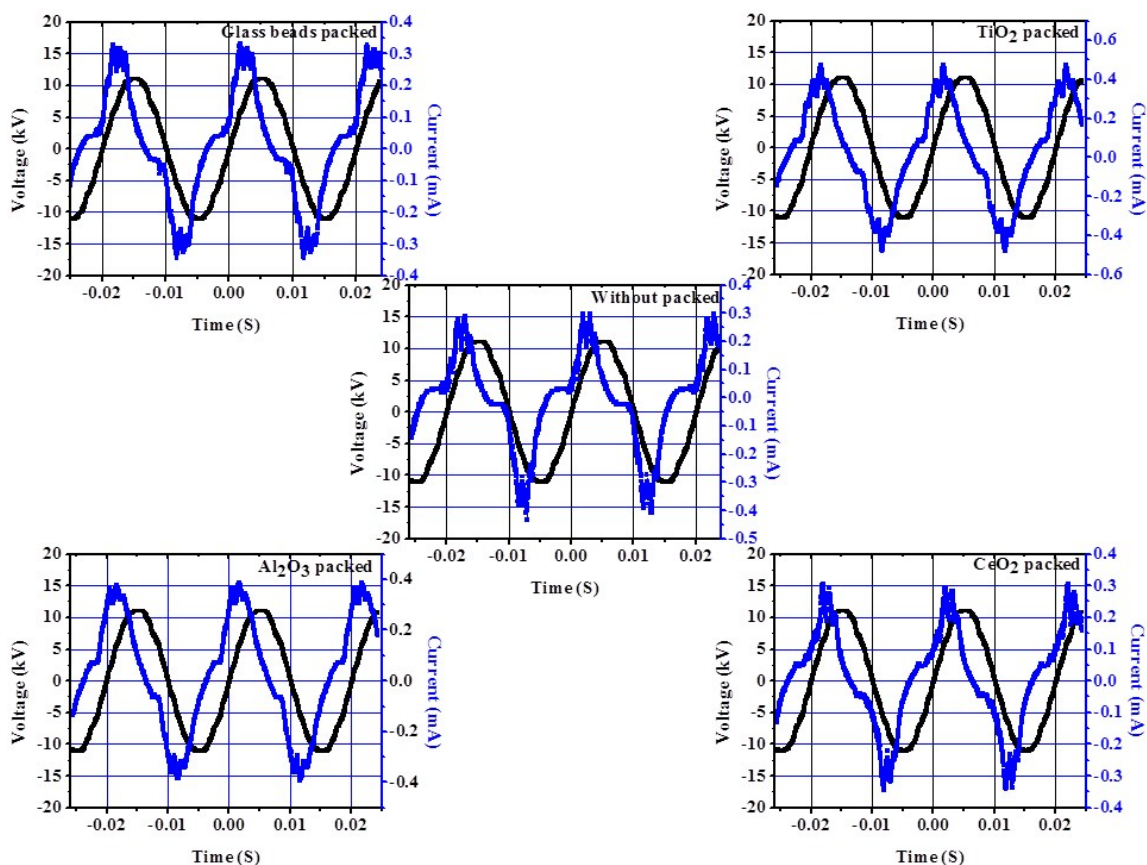


The electrocal signals of packed materials:



S-1: Electrical signal of DBD reactors with various packing materials (gas flow rate: 20 mL/min; without dilution; frequency: 50 Hz; applied voltage 22 kV).

The lowest current variation observed for CeO₂ packing was between 0.30 and -0.34 mA, whereas, for TiO₂ packing, it varied between 0.48 and -0.49 mA, respectively. The current dissipated in the discharge follows the order: TiO₂ > Al₂O₃ > glass beads > without packing > CeO₂.