TABLE SI. Fitted parameters of Si-MW fresh cells with varying Si/CNT ratios.

|  |  |  |  |
| --- | --- | --- | --- |
| Si/CNT mass ratio | RΩ (Ω) | RSEI (Ω) | RCT (Ω) |
| 3:1 | 6.213 | 1.781 | 97.07 |
| 2:1 | 6.592 | 1.546 | 84.49 |
| 3:2 | 6.783 | 1.740 | 42.31 |
| 1:1 | 7.442 | 0.863 | 29.41 |
| 2:3 | 6.851 | 0.802 | 24.06 |