

List of Symbols

| <i>Symbol</i> | <i>Description</i> |
|----------------------|--|
| β | Shape Factor |
| J | Current Density |
| μ | Mobility of charge carrier |
| ϵ_m | Dielectric constant of the material |
| θ | Ratio of free to total carrier density |
| I | Current |
| J | Current density |
| V | Voltage |
| C | Capacitance |
| d | Separation between two electrodes |
| O_o^x | Oxygen ion on an oxygen site |
| V_o^{2+} | Positively charged oxygen vacancy |
| e | Electronic charge |
| T | Temperature |
| d_f | Film thickness |
| d_s | Substrate thickness |
| R_{bending} | Bending radius |

