28.06

ST ST\_conf

Negative electrode thickness [m] 8.663860e-04 7.073999e-04

Positive electrode thickness [m] 4.389023e-02 1.179048e-02

Separator thickness [m] 8.765705e-05 2.584755e-05

Negative electrode active material volume fraction 1.282507e-03 6.008088e-04

Positive electrode active material volume fraction 1.413407e-01 3.922141e-02

Negative particle radius [m] 1.150146e-02 4.525616e-03

Positive particle radius [m] 2.512774e-01 6.929873e-02

Initial concentration in electrolyte [mol.m-3] 3.188204e-03 8.798744e-04

Negative electrode conductivity [S.m-1] 6.857058e-09 2.179162e-09

Positive electrode conductivity [S.m-1] 1.990106e-06 5.930112e-07

Negative electrode Bruggeman coefficient (elect... 4.417334e-10 1.501782e-10

Positive electrode Bruggeman coefficient (elect... 9.829652e-07 3.548700e-07

Separator Bruggeman coefficient (electrolyte) 9.863387e-20 1.500740e-19

Maximum concentration in negative electrode [mo... 3.760741e-02 1.403980e-02

Maximum concentration in positive electrode [mo... 1.098035e-01 2.528827e-02

Electrode height [m] 3.192459e-01 6.577987e-02

Electrode width [m] 1.000122e-01 2.651949e-02

S1 S1\_conf

Negative electrode thickness [m] -2.570236e-03 7.198046e-03

Positive electrode thickness [m] 4.865323e-02 4.393411e-02

Separator thickness [m] -5.602371e-04 1.986328e-03

Negative electrode active material volume fraction -3.448668e-04 1.039920e-02

Positive electrode active material volume fraction 1.514643e-01 9.047327e-02

Negative particle radius [m] 1.557490e-02 2.408439e-02

Positive particle radius [m] 2.432822e-01 1.070875e-01

Initial concentration in electrolyte [mol.m-3] -3.146097e-03 1.437569e-02

Negative electrode conductivity [S.m-1] -2.163959e-07 1.902564e-05

Positive electrode conductivity [S.m-1] 7.397510e-05 3.140152e-04

Negative electrode Bruggeman coefficient (elect... -2.218569e-06 5.725398e-06

Positive electrode Bruggeman coefficient (elect... -2.418636e-05 2.068463e-04

Separator Bruggeman coefficient (electrolyte) 6.244963e-11 8.568903e-11

Maximum concentration in negative electrode [mo... 4.149901e-02 6.456950e-02

Maximum concentration in positive electrode [mo... 1.104834e-01 1.019913e-01

Electrode height [m] 3.198237e-01 1.320328e-01

Electrode width [m] 8.939677e-02 7.173272e-02

S2 S2\_conf

(Negative electrode thickness [m], Positive ele... 0.003817 0.009994

(Negative electrode thickness [m], Separator th... 0.003718 0.009878

(Negative electrode thickness [m], Negative ele... 0.003399 0.009763

(Negative electrode thickness [m], Positive ele... 0.003462 0.010120

(Negative electrode thickness [m], Negative par... 0.003644 0.010054

... ... ...

(Maximum concentration in negative electrode [m... -0.021777 0.090856

(Maximum concentration in negative electrode [m... -0.002763 0.064483

(Maximum concentration in positive electrode [m... -0.007330 0.141668

(Maximum concentration in positive electrode [m... -0.004748 0.138189

(Electrode height [m], Electrode width [m]) 0.004980 0.220767

[136 rows x 2 columns]

图表, 直方图

描述已自动生成

Default v-1

ST ST\_conf

Negative electrode thickness [m] 6.774056e-04 3.487158e-04

Positive electrode thickness [m] 4.065260e-02 9.468496e-03

Separator thickness [m] 7.175891e-04 1.919835e-04

Negative electrode active material volume fraction 1.041689e-03 4.273668e-04

Positive electrode active material volume fraction 1.428044e-01 3.871052e-02

Negative particle radius [m] 1.187314e-02 5.445532e-03

Positive particle radius [m] 2.670839e-01 6.128124e-02

Initial concentration in electrolyte [mol.m-3] 3.356542e-03 8.997356e-04

Negative electrode conductivity [S.m-1] 7.879667e-09 2.516984e-09

Positive electrode conductivity [S.m-1] 2.128747e-06 5.463717e-07

Negative electrode Bruggeman coefficient (elect... 4.494040e-10 1.447247e-10

Positive electrode Bruggeman coefficient (elect... 1.134356e-06 3.947658e-07

Separator Bruggeman coefficient (electrolyte) 7.054417e-05 1.727325e-05

Maximum concentration in negative electrode [mo... 4.119192e-02 1.517604e-02

Maximum concentration in positive electrode [mo... 1.240590e-01 3.604122e-02

Electrode height [m] 3.243738e-01 7.490251e-02

Electrode width [m] 9.872518e-02 2.447771e-02

Negative electrode double-layer capacity [F.m-2] 1.485852e-15 2.705857e-15

Positive electrode double-layer capacity [F.m-2] 1.353126e-20 4.936126e-21

Negative electrode porosity 3.186361e-03 1.031363e-03

Positive electrode porosity 4.035334e-03 1.144547e-03

S1 S1\_conf

Negative electrode thickness [m] -1.541572e-03 5.612462e-03

Positive electrode thickness [m] 4.638618e-02 4.641769e-02

Separator thickness [m] 2.848935e-03 5.915658e-03

Negative electrode active material volume fraction -3.941810e-04 7.470448e-03

Positive electrode active material volume fraction 1.431943e-01 8.502063e-02

Negative particle radius [m] 1.051099e-02 2.031938e-02

Positive particle radius [m] 2.609700e-01 1.121721e-01

Initial concentration in electrolyte [mol.m-3] 3.978425e-03 1.258703e-02

Negative electrode conductivity [S.m-1] -5.398450e-06 2.598417e-05

Positive electrode conductivity [S.m-1] 5.571450e-05 3.602175e-04

Negative electrode Bruggeman coefficient (elect... -2.107309e-07 5.329498e-06

Positive electrode Bruggeman coefficient (elect... 8.279213e-05 2.669595e-04

Separator Bruggeman coefficient (electrolyte) 3.983003e-04 2.191209e-03

Maximum concentration in negative electrode [mo... 1.940033e-03 4.803913e-02

Maximum concentration in positive electrode [mo... 1.166221e-01 9.253374e-02

Electrode height [m] 3.056501e-01 1.018259e-01

Electrode width [m] 1.078137e-01 7.016428e-02

Negative electrode double-layer capacity [F.m-2] -8.059661e-09 1.468357e-08

Positive electrode double-layer capacity [F.m-2] 1.622511e-11 3.160287e-11

Negative electrode porosity 1.387334e-03 1.236970e-02

Positive electrode porosity 5.872590e-03 1.369430e-02

S2 S2\_conf

(Negative electrode thickness [m], Positive ele... 2.328449e-03 8.770039e-03

(Negative electrode thickness [m], Separator th... 2.218876e-03 9.140836e-03

(Negative electrode thickness [m], Negative ele... 2.088907e-03 9.075509e-03

(Negative electrode thickness [m], Positive ele... 1.013291e-03 1.061830e-02

(Negative electrode thickness [m], Negative par... 3.248189e-03 9.507119e-03

... ... ...

(Negative electrode double-layer capacity [F.m-... -2.890840e-09 3.081550e-08

(Negative electrode double-layer capacity [F.m-... -2.592316e-09 3.024212e-08

(Positive electrode double-layer capacity [F.m-... -3.129727e-11 4.601204e-11

(Positive electrode double-layer capacity [F.m-... -2.667900e-12 6.767766e-11

(Negative electrode porosity, Positive electrod... 1.625650e-05 1.815802e-02

[210 rows x 2 columns]

图表

描述已自动生成

Default v0

ST ST\_conf

Negative electrode thickness [m] 1.991926e-04 6.804442e-05

Positive electrode thickness [m] 1.988830e-02 5.257638e-03

Separator thickness [m] 3.926969e-04 1.142991e-04

Negative electrode active material volume fraction 2.163908e-04 6.792576e-05

Positive electrode active material volume fraction 7.288725e-02 2.019399e-02

Negative particle radius [m] 4.985949e-03 1.536351e-03

Positive particle radius [m] 2.658246e-01 6.300822e-02

Initial concentration in electrolyte [mol.m-3] 6.637238e-03 1.582840e-03

Negative electrode conductivity [S.m-1] 2.205330e-08 6.734070e-09

Positive electrode conductivity [S.m-1] 4.872685e-06 1.402559e-06

Negative electrode Bruggeman coefficient (elect... 1.359357e-09 4.440587e-10

Positive electrode Bruggeman coefficient (elect... 2.596982e-06 1.007656e-06

Separator Bruggeman coefficient (electrolyte) 4.420489e-05 1.183558e-05

Maximum concentration in negative electrode [mo... 6.593747e-03 2.693454e-03

Maximum concentration in positive electrode [mo... 4.207440e-01 1.029908e-01

Electrode height [m] 1.635132e-01 3.838382e-02

Electrode width [m] 4.635704e-02 1.178300e-02

Negative electrode double-layer capacity [F.m-2] 0.000000e+00 0.000000e+00

Positive electrode double-layer capacity [F.m-2] 0.000000e+00 0.000000e+00

Negative electrode porosity 1.547292e-03 4.687235e-04

Positive electrode porosity 1.550087e-03 4.433741e-04

S1 S1\_conf

Negative electrode thickness [m] 1.300819e-03 0.003281

Positive electrode thickness [m] 2.325273e-02 0.035848

Separator thickness [m] 8.262727e-04 0.004125

Negative electrode active material volume fraction -6.828106e-04 0.003610

Positive electrode active material volume fraction 7.201940e-02 0.069840

Negative particle radius [m] 4.450975e-03 0.019378

Positive particle radius [m] 2.728263e-01 0.110719

Initial concentration in electrolyte [mol.m-3] 5.558746e-03 0.021213

Negative electrode conductivity [S.m-1] -2.006735e-05 0.000039

Positive electrode conductivity [S.m-1] 8.179323e-05 0.000487

Negative electrode Bruggeman coefficient (elect... 7.087154e-07 0.000009

Positive electrode Bruggeman coefficient (elect... 8.031761e-05 0.000363

Separator Bruggeman coefficient (electrolyte) 2.455131e-04 0.001949

Maximum concentration in negative electrode [mo... 1.880651e-03 0.016885

Maximum concentration in positive electrode [mo... 4.174108e-01 0.146140

Electrode height [m] 1.532447e-01 0.082113

Electrode width [m] 5.071961e-02 0.049541

Negative electrode double-layer capacity [F.m-2] 0.000000e+00 0.000000

Positive electrode double-layer capacity [F.m-2] 0.000000e+00 0.000000

Negative electrode porosity 1.187444e-03 0.009075

Positive electrode porosity 2.238130e-03 0.009720

S2 S2\_conf

(Negative electrode thickness [m], Positive ele... -1.512187e-03 5.024458e-03

(Negative electrode thickness [m], Separator th... -1.484120e-03 4.874233e-03

(Negative electrode thickness [m], Negative ele... -1.515691e-03 4.878437e-03

(Negative electrode thickness [m], Positive ele... -1.347025e-03 4.895680e-03

(Negative electrode thickness [m], Negative par... -1.802039e-03 4.874827e-03

... ... ...

(Negative electrode double-layer capacity [F.m-... -7.806256e-18 8.843429e-18

(Negative electrode double-layer capacity [F.m-... -1.344411e-17 1.243541e-17

(Positive electrode double-layer capacity [F.m-... -7.806256e-18 8.843429e-18

(Positive electrode double-layer capacity [F.m-... -1.344411e-17 1.243541e-17

(Negative electrode porosity, Positive electrod... 2.850582e-04 1.326809e-02

[210 rows x 2 columns]

图表

描述已自动生成