

Readme

Supporting dataset to Electrodeposition of crystalline HgTe from a non-aqueous plating bath

Main paper dataset

Figure	Files	description
Figure 1	Figure 1a – b:	raw data of cyclic voltammograms (.dat)
Figure 2	Figure 2:	raw data of cyclic voltammograms (.dat)
Figure 3	Figure 3a – h:	original SEM images (.TIF)
Figure 4	Figure 4a – c:	raw AFM data, compatible with the free Gwyddion data visualization program (.000)
	Figure 4a – c_lines:	Extracted line scan data presented in Figure 4 (.dat)
Figure 5	Figure 5a:	XRD data (.txt)
	Figure 5b:	calculated crystallite sizes (.dat)
Figure 6	Figure 6a – b_Averages:	composition analysis data (.dat)
	Figure 6a – b_Edep_c_Q_a:	raw EDX data. Three raw EDX measurements per data point presented in the figure. (.emsa) > extension is ASCII encoded and can be opened in notepad, for example. Experimental details provided are: Edep = deposition potential, c = precursor concentration ratio, Q = deposition charge and a = investigated area

Supplementary information dataset

Figure	Files	description
Figure S1	Figure S1	NMR data of Hg precursor (.sk2) > .sk2 files can be opened using the freeware ACD/ChemSketch
Figure S1	Figure S1	NMR data of Hg precursor (.sk2) > .sk2 files can be opened using the freeware ACD/ChemSketch
Figure S3	Figure S3a – c:	original photographs (.jpg)
Figure S4	FigureS4 a – b:	raw data of cyclic voltammograms (.dat)
Figure S5	Figure S5a – h:	original SEM images (.TIF)
Figure S6	Figure S6a – h:	original photographs (.jpg)
Figure S7	Figure 4a – c:	raw AFM data, compatible with the free Gwyddion data visualization program (.000) (Data were also discussed as part of Figure 4)
Figure S8	Figure S8a – e:	XRD data (.txt)
Figure S9	Figure S9a – c_Vacc_tdep:	raw EDX data. (.emsa) > extension is ASCII encoded and can be opened in notepad, for example. Experimental details provided are: Vacc = acceleration voltage, tdep = deposition time
Figure S10	Figure S10_Averages Figure S10_Vacc_tdep_a:	composition analysis data (.dat) raw EDX data. (.emsa) > extension is ASCII encoded and can be opened in notepad, for example. Experimental details provided are: Vacc = acceleration voltage, tdep = deposition time, a = investigated area
Figure S11	Figure S11_Averages: Figure S11a,b_Vacc_tdep_a:	composition analysis data for a and b (.dat) raw EDX data. (.emsa) > extension is ASCII encoded and can be opened in notepad, for example. Experimental details provided are: Vacc = acceleration voltage, tdep = deposition time, a = investigated area
Figure S12	Figure S12a – d: Figure S12e,f_Averages: Figure S12e,f_Edep:	original SEM images (.TIF) composition analysis data (.dat) raw EDX data. (.emsa) > extension is ASCII encoded and can be opened in notepad, for example. Experimental details provided are: Edep = deposition potential
Figure S13	Figure S13a – d: Figure S13f:	XRD raw data (.ras) > extension is ASCII encoded and can be opened in notepad, for example. calculated crystallite sizes (.dat)