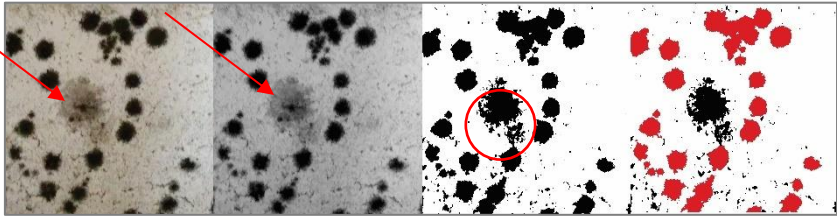
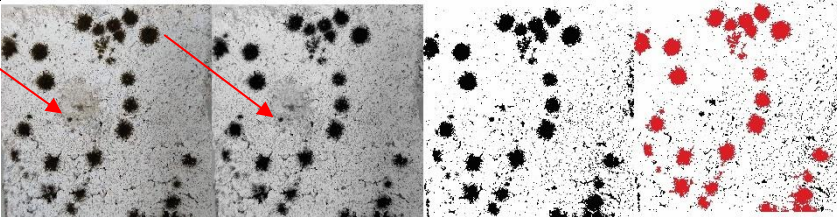


Sample 11 – Without nTiO <sub>2</sub>					
M7					Total pixel = 72250000 Total staining (pixels) = 14147864 Staining = 19.58%
	(a)	(b)	(c)	(d)	
M10					Total pixel = 72250000 Total staining (pixels) = 8350725 Staining = 11.56%
	(a)	(b)	(c)	(d)	
Total staining reduction = 41%					

**Figure S4.** Percentage of staining in the sample 11 without TiO<sub>2</sub>: (a) JPEG image format, (b) image in gray scale, (c) binarized image (black and white pixels), (d) demarcation of the quantified area in red.