

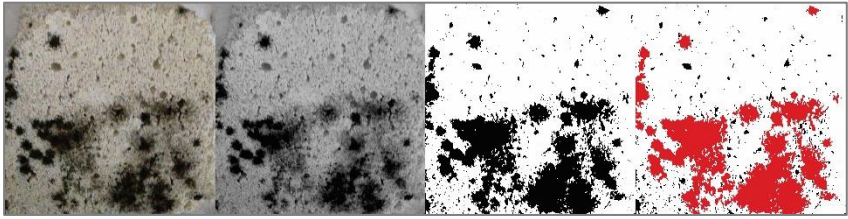
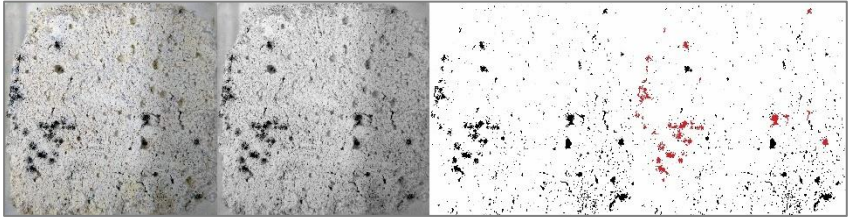
Sample 6 – with nTiO ₂					
M7					Total pixel = 72250000 Total staining (pixels) = 17608687 Staining = 24.37%
	(a)	(b)	(c)	(d)	
M10					Total pixel = 72250000 Total staining (pixels) = 915283 Staining = 1.27%
	(a)	(b)	(c)	(d)	
Total staining reduction = 95%					

Figure S3. Percentage of staining in the sample 6 with TiO₂: (a) JPEG image format, (b) image in gray scale, (c) binarized image (black and white pixels), (d) demarcation of the quantified area in red.