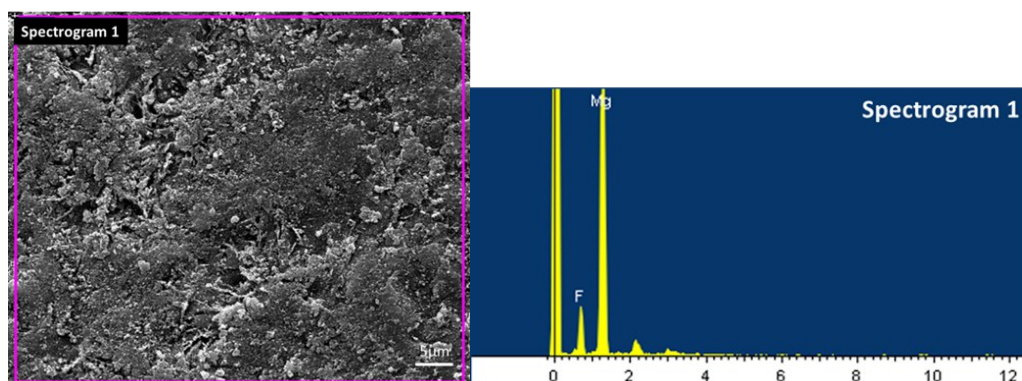
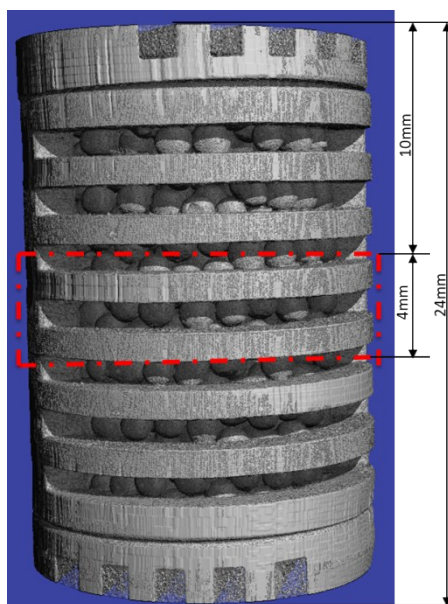


## Supplementary Information



Element	Weight percentage	Atomic percentage
F	21.38	25.81
Mg	78.62	74.19
Total amount	100	100

**Fig. S1** The EDS spectrum of HF-treated Mg particles, and F was detected.



**Fig. S2** Schematic illustration of the middle portion of the scaffold (as framed in red), where the images in Fig 6 and 8 were taken from.