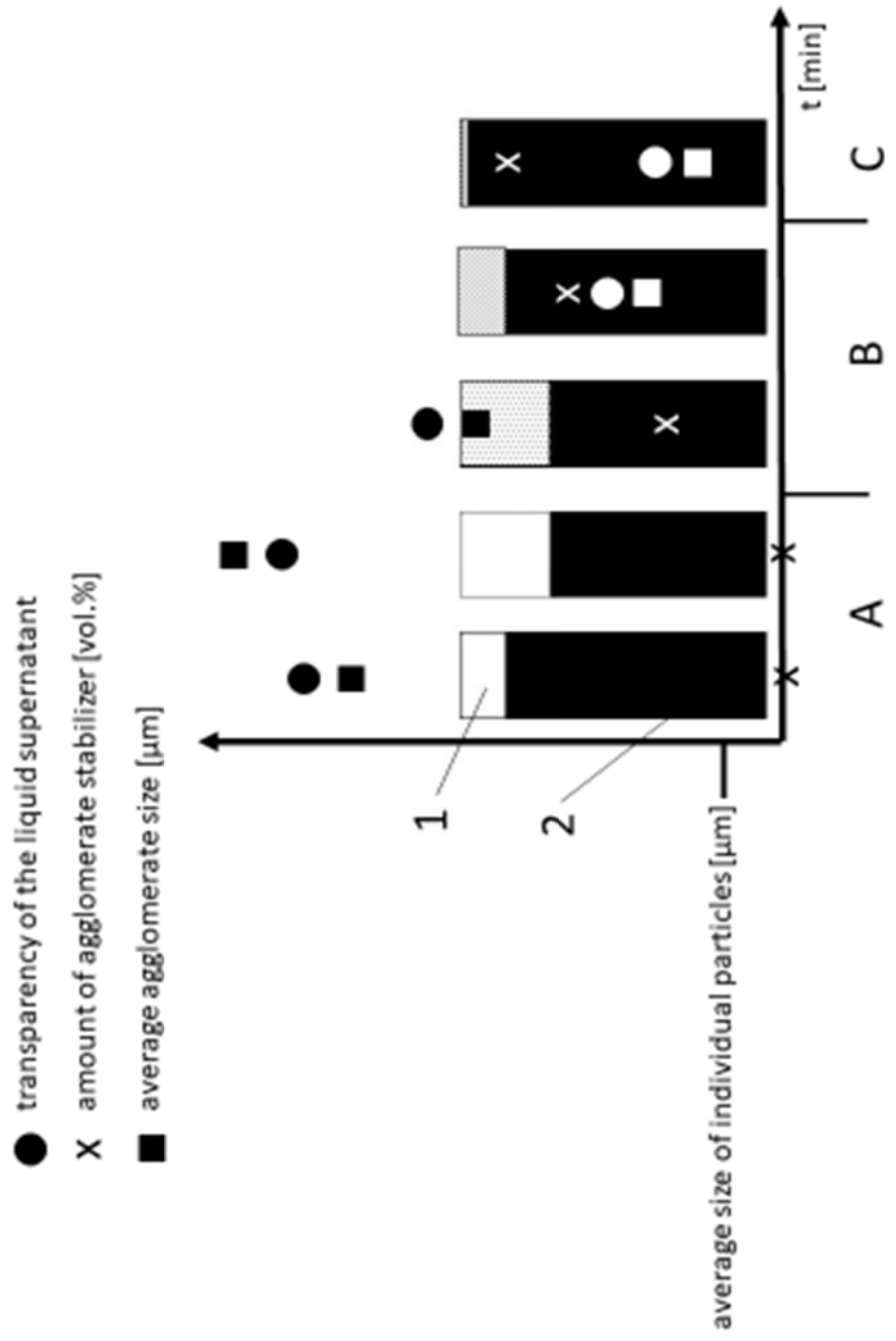
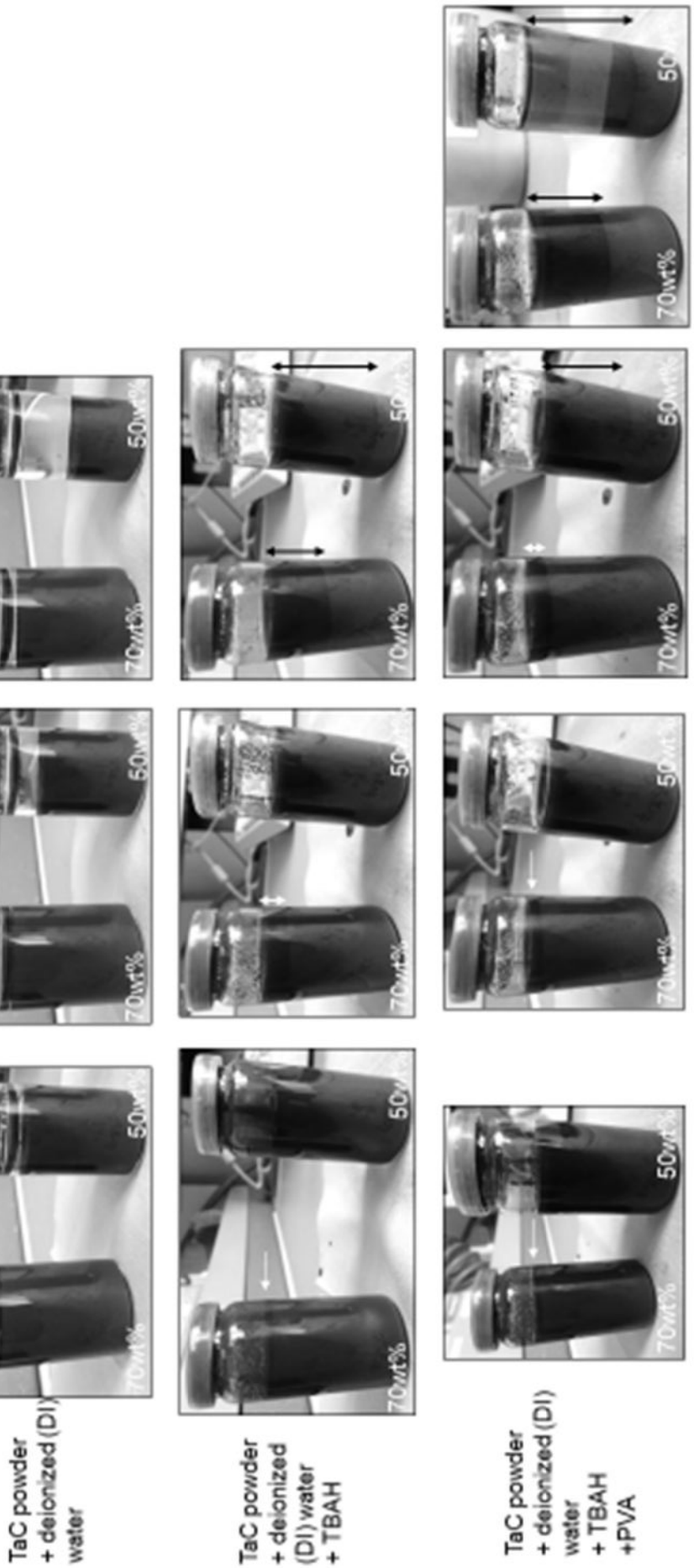

transparency of the liquid supernatant
amount of agglomerate stabilizer [vol.%]
average agglomerate size [µm]
average size of individual particles [µm]
t [min]
A
B
C
1
2

Fig. 1

Fig. 2


1 minute
5 minutes
10 minutes
1 day
TaC powder + deionized (DI) water
TaC powder + deionized (DI) water + TBAH
TaC powder + deionized (DI) water + TBAH +PVA
70wt%
50wt%

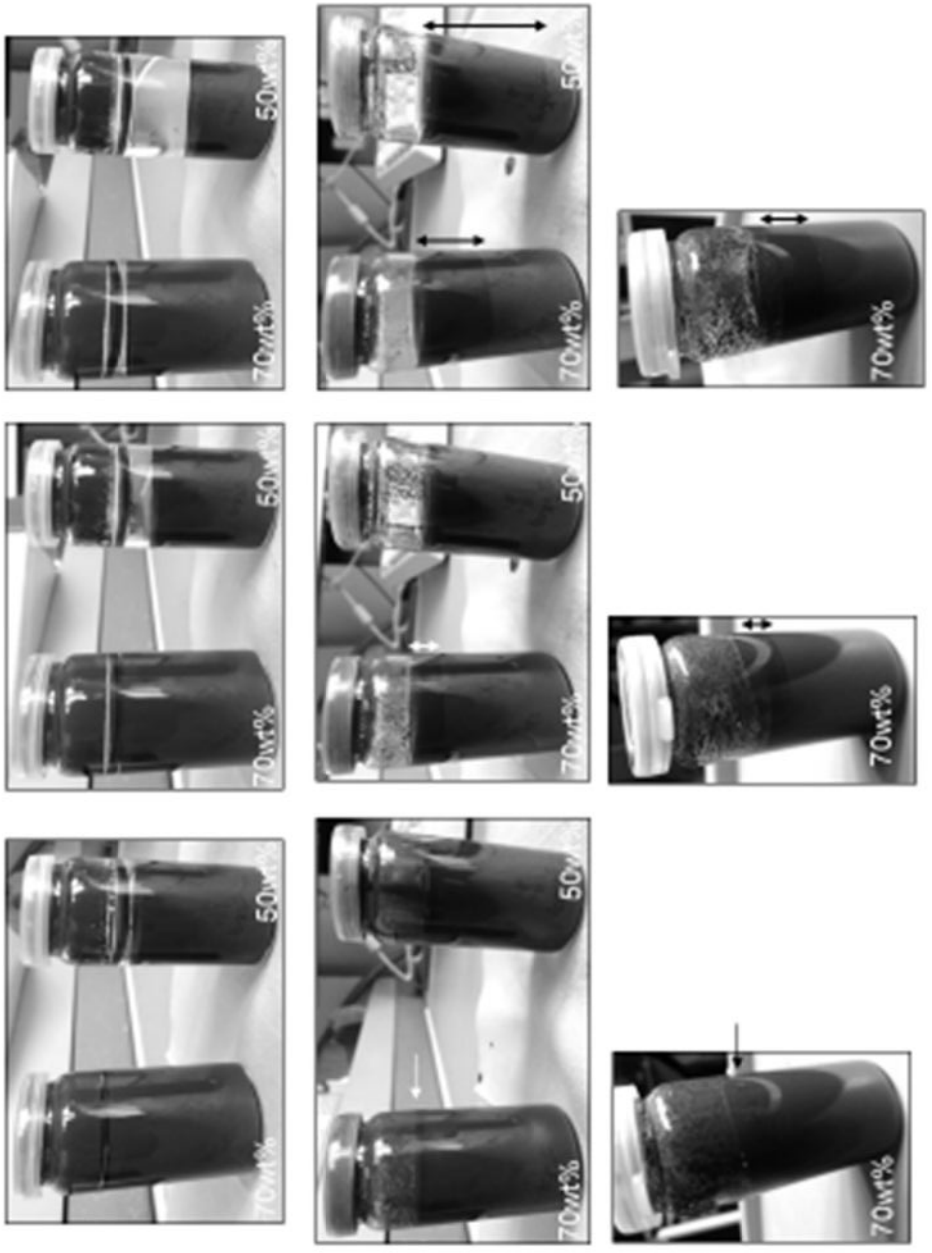

1 minute
5 minutes
10 minutes
TaC powder + deionized (DI) water
TaC powder + deionized (DI) water + TBAH
TaC powder + deionized (DI) water + TBAH +PAA
70wt%
50wt%

Fig. 3

Fig. 4

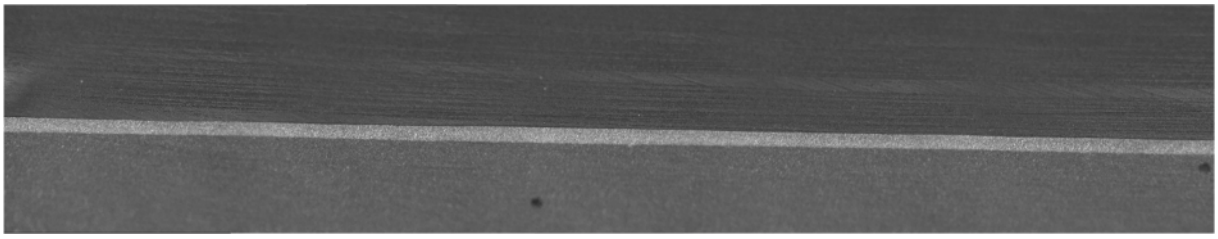


Fig. 5

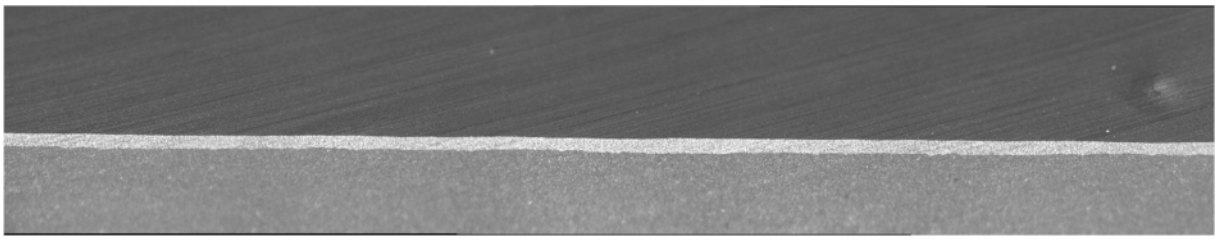


Fig. 6

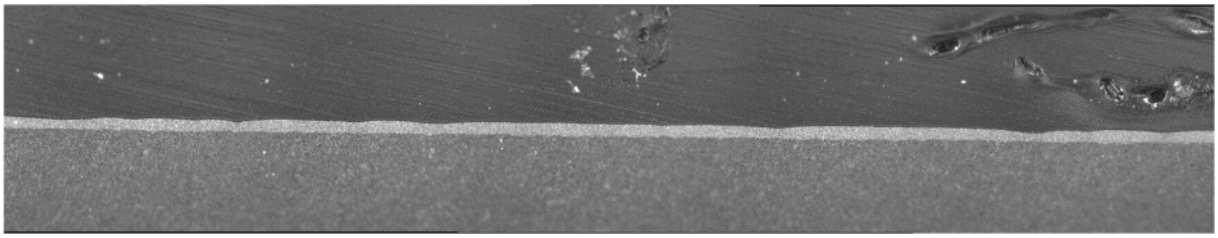


Fig. 7

