

Supporting Information

Table S1 orthogonal table L₉(3⁴)

Column	1	2	3	4	Results
Factor	A	B	C	D	
No.1	1	1	1	1	
No.2	1	2	2	2	
No.3	1	3	3	3	
No.4	2	1	2	3	
No.5	2	2	3	1	
No.6	2	3	1	2	
No.7	3	1	3	2	
No.8	3	2	1	3	
No.9	3	3	2	1	

Note: In Table S1, A, B, C and D are factors, while 1, 2 and 3 are differential levels.

Table S2 Preparation parameters of Samples 1-9 and V1-7

Sample No.	Solute(wt%)	Dry Temp. (°C)	Sinter Temp. (°C)
1	5	80	1100
2	15	100	1200
3	25	120	1300
4	5	100	1300
5	15	120	1100
6	25	80	1200
7	5	120	1200
8	15	80	1300
9	25	100	1100
V1	15	80	1100
V2	15	80	1100
V3	15	80	1100
V4	15	80	1100
V5	15	80	1100
V6	15	80	1100