No.	Composition	First time T°C	hrs	atm	Second time T°C	hrs	atm	Third time T°C	hrs	atm	Annealing-1 T°C	hrs	atm	Annealing-2 T°C	hrs	atm	Tc(1)	Tc(2)	R-T	Ratio	ρ	X
SL-1	$(La_{0.925}Sr_{0.075})_2CuO_4$	1125	4	Air P	1100	22	Air P															8.1
		transformer broke																				
SL-2	$(La_{0.9}Sr_{0.1})_2CuO_4$	1125	4	Air P	1100	22	Air P										45	28	M-S	∞		16.9
SL-3	$(La_{0.85}Sr_{0.15})_2CuO_4$	1125	4	Air P	1100	22	Air P										~39	small x ink	M-S			0
SL-4	$(La_{0.925}Sr_{0.115})_2CuO_4$	1125	4	Air P	1100	22	Air P															4.6
SL-5	$(La_{0.875}Sr_{0.125})_2CuO_4$	1125	4	Air P	1100	22	Air P															5
SL-6	$(La_{0.9}Sr_{0.1})_2CuO_4$	1110	24	Air B																		
7.5m																						
SL-7	$(La_{0.925}Sr_{0.075})_2CuO_4$	1100	30	Air B+P													39.4 ~39	18 24	M-S	∞	M	
SL-8	$(La_{0.9}Sr_{0.1})_2CuO_4$	1100	30	Air B+P													~38	30	S-I	∞		
SL-9	$(La_{0.925}Sr_{0.115})_2CuO_4$	1100	30	Air B+P													~39	20A-1.42				
SL-10	$(La_{0.9}Sr_{0.1})_2CuO_4$	1100	24	Air	quench in LN2												36	23	M-S	∞	M	
SL-10-1	$(La_{0.9}Sr_{0.1})_2CuO_4$	1100	24				Air										35	22.3	M-S			
SL-11	$(La_{0.85}Sr_{0.15})_2CuO_4$	1100	24	Air B															I			
SL-12	$(La_{0.9}Sr_{0.1})_2CuO_4$	1100	24	Air B													33	6	I-			40
SL-13	$(La_{0.9}Sr_{0.1})_2CuO_4$	1000	8	Air P	1100	24	Air B															
CL-1	$(La_{0.9}Ca_{0.1})_2CuO_4$	1100	24	Air B	1100	14	Air B										30	16.5			N	
CL-2		1000	8	Air P	1100	14	Air B												I			
CeS-1	$(Ce_{0.9}Sr_{0.1})_2CuO_4$																					
CeS-2	$(Ce_{0.85}Sr_{0.15})_2CuO_4$																					
CeB-1	$(Ce_{0.9}Ba_{0.1})_2CuO_4$																					
CeB-2	$(Ce_{0.85}Ba_{0.15})_2CuO_4$																					
ML-1	$(La_{0.9}Mg_{0.1})_2CuO_4$	1100	24	Air B																		
PL-1	$(La_{0.9}Pb_{0.1})_2CuO_4$	1100	24	Air B																		
YS-1	$(Y_{0.9}Sr_{0.1})_2CuO_4$	1100	24	Air B																	I	
		1100 – 6h → 20 – 1100°C																				
YB-1	$(Y_{0.9}Ba_{0.1})_2CuO_4$	1100	24	Air B																	I	
		1100 – 6h → 20 → 1100°C																				
LuS-1	$(Lu_{0.9}Sr_{0.1})_2CuO_4$	1100	24	Air B																	I	
		1100 – 6h → 20 → 1100°C																				
LuB-1	$(Lu_{0.9}Ba_{0.1})_2CuO_4$	1100	24	Air B																	I	
		1100 – 6h → 20 – 1100°C																				

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