

Table S4

XPS relative surface atomic composition

	La				Mn		O		
	A	B	C	D	A	B	A	B	C
LMO	38.26	33.28	14.09	14.36	51.08	48.93	43.08	56.92	-
CLMO	40.06	35.01	12.35	12.59	51.06	48.94	50.36	49.64	-
CaO-LMO	37.36	31.44	15.45	15.75	51.05	48.95	79,12	20.88	-
LMO+P	36.41	32.83	15.23	15.52	51.48	48.52	58.13	35.78	6.09
CLMO+P	35.42	33.91	16.70	14.60	50.77	49.23	62.39	33.05	4.56
CaO-LMO+P	34.00	30.70	19.31	15.98	52.47	47.49	60.39	30.29	9.32