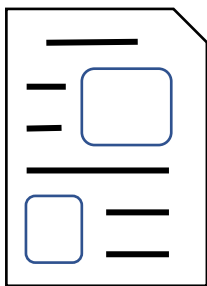




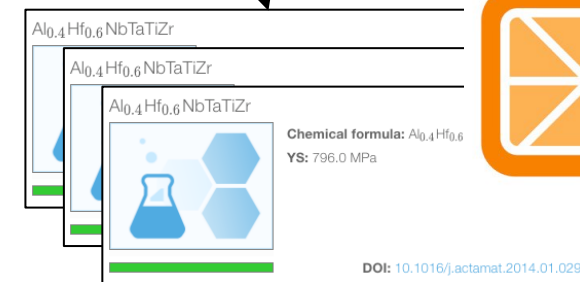
Relevant articles published since 2004. (200+)



New MPEA publication

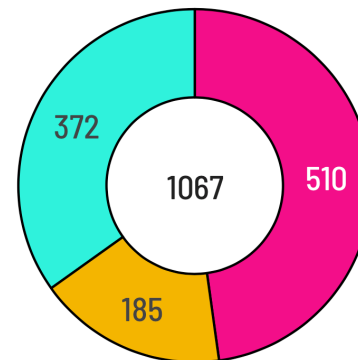
Structured data template

FORMULA									
FORMULA	PROPERTY: Band gap (eV)	PROPERTY: ECH(enr/atom)	PROPERTY: Eformation (eV/atom)	Predicted Bandwidth	Predicted Bandwidth loss	Is_training_set	SPUR		
1 TiNbZrHf	0.00	-45	-0.08	-210.07	61.391	NO			
2 ZrNbZrHf	0.00	-45	-0.308	-232.324	64.887	NO			
3 ZrNbZrHf	0.00	-45	-0.548	-188.143	65.402	NO			
4 HfNbZrHf	0.00	-45	-0.882	-190.403	66.748	NO			
5 TiNbZrHf	0.02	-20	-0.401	-174.524	61.996	NO			
6 LaNbZrHf	0.47	-40	-0.648	-172.79	62.208	NO			
7 NbZrHf	0.02	-45	-0.528	-171.2	76.903	NO			
8 NbZrHf	0.00	-45	-0.591	-199.444	58.822	NO			
9 ZrNbZrHf	0	-40	-0.401	-193.238	43.06	NO			
10 NbZrHf	0.01	-25	-0.268	-185.607	87.079	NO			
11 NbZrHf	0.00	-40	-0.84	-184.5	42.039	NO			
12 LaNbZrHf	0.01	-40	-0.62	-193.022	52.008	NO			
13 LaNbZrHf	0.04	-40	-0.407	-181.822	55.242	NO			
14 ZrNbZrHf	0.00	-75	-0.028	-144.882	48.813	NO			
15 ZrNbZrHf	0.04	-20	-0.03	-142.076	64.038	NO			
16 NbZrHf	0.04	-40	-0.575	-140.665	87.188	NO			
17 NbZrHf	0.45	-40	-0.937	-131.248	11.888	NO			
18 NbZrHf	0.00	-40	-0.66	-134.238	54.075	NO			
19 YNbZrHf	0.00	-20	-0.036	-150.264	44.79	NO			
20 LaNbZrHf	0.0	-20	-0.088	-128.327	54.32	NO			
21 NbZrHf	0.02	-70	-0.232	-127.007	55.389	NO			
22 NbZrHf	1.00	-25	-0.285	-121.03	84.094	NO			
23 NbZrHf	1.00	-40	-0.423	-119.706	89.635	NO			
24 NbZrHf	0.77	-15	-0.265	-104.425	42.072	NO			
25 NbZrHf	0.04	-40	-0.261	-105.79	88.833	NO			
26 LaNbZrHf	0.04	-20	-0.028	-102.96	43.476	NO			

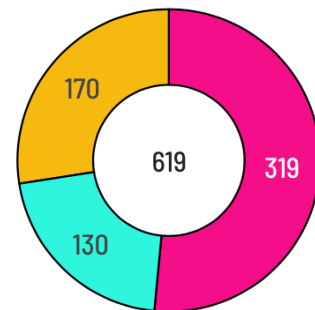


Web-based data infrastructure

Yield strength

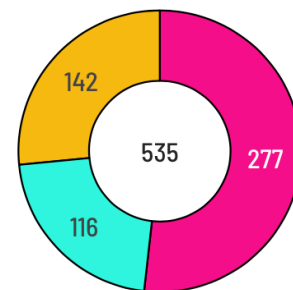


Elongation

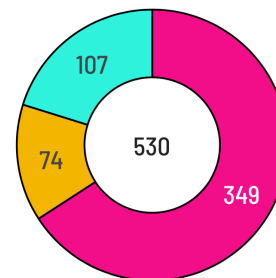


other
FCC
BCC

Ultimate strength



Hardness



100s of mechanical properties