Thomas Lapauw

List of Publications by Year
in descending order

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11	461	933447 10	1372567 10
papers	citations	h-index	g-index

11	11	11	364
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MAX Phases, Structure, Processing, and Properties. , 2021, , 182-199.		8
2	Compatibility of Zr2AlC MAX phase-based ceramics with oxygen-poor, static liquid leadâ€“bismuth eutectic. Corrosion Science, 2020, 171, 108704.	6.6	24
3	Synthesis and Characterization of Double Solid Solution (Zr,Ti)₂(Al,Sn)C MAX Phase Ceramics. Inorganic Chemistry, 2019, 58, 6669-6683.	4.0	45
4	Synthesis, properties and thermal decomposition of the Ta4AlC3 MAX phase. Journal of the European Ceramic Society, 2019, 39, 2973-2981.	5.7	38
5	Interaction of Mn+1AXn phases with oxygen-poor, static and fast-flowing liquid lead-bismuth eutectic. Journal of Nuclear Materials, 2019, 520, 258-272.	2.7	39
6	Theoretical Prediction and Synthesis of (Cr_{2/3}Zr_{1/3})₂AlC i-MAX Phase. Inorganic Chemistry, 2018, 57, 6237-6244.	4.0	59
7	The double solid solution (Zr, Nb)2(Al, Sn)C MAX phase: a steric stability approach. Scientific Reports, 2018, 8, 12801.	3.3	44
8	Synthesis of MAX Phases in the Zr-Ti-Al-C System. Inorganic Chemistry, 2017, 56, 3489-3498.	4.0	70
9	Reactive spark plasma sintering of Ti3SnC2, Zr3SnC2 and Hf3SnC2 using Fe, Co or Ni additives. Journal of the European Ceramic Society, 2017, 37, 4539-4545.	5.7	23
10	(Nb_x, Zr_{1â€“x})₄AlC₃ MAX Phase Solid Solutions: Processing, Mechanical Properties, and Density Functional Theory Calculations. Inorganic Chemistry, 2016, 55, 5445-5452.	4.0	54
11	Synthesis of MAX Phases in the Hfâ€“Alâ€“C System. Inorganic Chemistry, 2016, 55, 10922-10927.	4.0	57