

# Thomas Lapauw

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11440660/publications.pdf>

Version: 2024-02-01

11  
papers

461  
citations

933447

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1372567

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11  
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11  
docs citations

11  
times ranked

364  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of MAX Phases in the Zr-Ti-Al-C System. <i>Inorganic Chemistry</i> , 2017, 56, 3489-3498.	4.0	70
2	Theoretical Prediction and Synthesis of $(Cr_{2/3}Zr_{1/3})_2AlC$ MAX Phase. <i>Inorganic Chemistry</i> , 2018, 57, 6237-6244.	4.0	59
3	Synthesis of MAX Phases in the Hf-Al-C System. <i>Inorganic Chemistry</i> , 2016, 55, 10922-10927.	4.0	57
4	$(Nb_xZr_{1-x})_4AlC_3$ MAX Phase Solid Solutions: Processing, Mechanical Properties, and Density Functional Theory Calculations. <i>Inorganic Chemistry</i> , 2016, 55, 5445-5452.	4.0	54
5	Synthesis and Characterization of Double Solid Solution $(Zr,Ti)_2(Al,Sn)C$ MAX Phase Ceramics. <i>Inorganic Chemistry</i> , 2019, 58, 6669-6683.	4.0	45
6	The double solid solution $(Zr, Nb)_2(Al, Sn)C$ MAX phase: a steric stability approach. <i>Scientific Reports</i> , 2018, 8, 12801.	3.3	44
7	Interaction of $Mn_{1-x}Al_x$ phases with oxygen-poor, static and fast-flowing liquid lead-bismuth eutectic. <i>Journal of Nuclear Materials</i> , 2019, 520, 258-272.	2.7	39
8	Synthesis, properties and thermal decomposition of the $Ta_4AlC_3$ MAX phase. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2973-2981.	5.7	38
9	Compatibility of $Zr_2AlC$ MAX phase-based ceramics with oxygen-poor, static liquid lead-bismuth eutectic. <i>Corrosion Science</i> , 2020, 171, 108704.	6.6	24
10	Reactive spark plasma sintering of $Ti_3SnC_2$ , $Zr_3SnC_2$ and $Hf_3SnC_2$ using Fe, Co or Ni additives. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4539-4545.	5.7	23
11	MAX Phases, Structure, Processing, and Properties. , 2021, , 182-199.		8