

Bensu Tunca

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1730357/publications.pdf>

Version: 2024-02-01

18
papers

479
citations

932766

10
h-index

1058022

14
g-index

18
all docs

18
docs citations

18
times ranked

363
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemically complex double solid solution MAX phase-based ceramics in the (Ti,Zr,Hf,V,Nb)-(Al,Sn)-C system. <i>Materials Research Letters</i> , 2022, 10, 52-61.	4.1	10
2	MAX Phases, Structure, Processing, and Properties. , 2021, , 182-199.		8
3	Deposition of MAX phase-containing thin films from a (Ti,Zr) ₂ AlC compound target. <i>Applied Surface Science</i> , 2021, 551, 149370.	3.1	10
4	Colloidal Stability and Aggregation Mechanism in Aqueous Suspensions of TiO ₂ Nanoparticles Prepared by Sol-Gel Synthesis. <i>Langmuir</i> , 2021, 37, 14846-14855.	1.6	7
5	Ta-based 413 and 211 MAX phase solid solutions with Hf and Nb. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1829-1838.	2.8	31
6	Compatibility of Zr ₂ AlC MAX phase-based ceramics with oxygen-poor, static liquid lead-bismuth eutectic. <i>Corrosion Science</i> , 2020, 171, 108704.	3.0	24
7	Synthesis and Characterization of Double Solid Solution (Zr,Ti) ₂ (Al,Sn)C MAX Phase Ceramics. <i>Inorganic Chemistry</i> , 2019, 58, 6669-6683.	1.9	45
8	Synthesis, properties and thermal decomposition of the Ta ₄ AlC ₃ MAX phase. <i>Journal of the European Ceramic Society</i> , 2019, 39, 2973-2981.	2.8	38
9	Interaction of Mn+1AX _n phases with oxygen-poor, static and fast-flowing liquid lead-bismuth eutectic. <i>Journal of Nuclear Materials</i> , 2019, 520, 258-272.	1.3	39
10	Theoretical Prediction and Synthesis of (Cr _{2/3} Zr _{1/3}) ₂ AlC MAX Phase. <i>Inorganic Chemistry</i> , 2018, 57, 6237-6244.	1.9	59
11	The double solid solution (Zr, Nb) ₂ (Al, Sn)C MAX phase: a steric stability approach. <i>Scientific Reports</i> , 2018, 8, 12801.	1.6	44
12	Synthesis of MAX Phases in the Zr-Ti-Al-C System. <i>Inorganic Chemistry</i> , 2017, 56, 3489-3498.	1.9	70
13	Influence of Plastic Deformation on Dissolution Corrosion of Type 316L Austenitic Stainless Steel in Static, Oxygen-Poor Liquid Lead-Bismuth Eutectic at 500°C. <i>Corrosion</i> , 2017, 73, 1078-1090.	0.5	11
14	Reactive spark plasma sintering of Ti ₃ SnC ₂ , Zr ₃ SnC ₂ and Hf ₃ SnC ₂ using Fe, Co or Ni additives. <i>Journal of the European Ceramic Society</i> , 2017, 37, 4539-4545.	2.8	23
15	Synthesis of MAX Phases in the Hf-Al-C System. <i>Inorganic Chemistry</i> , 2016, 55, 10922-10927.	1.9	57
16	Fatigue Behavior of 51 Vol.% Porous Ti-6Al-4V Alloy. <i>Materials Science Forum</i> , 0, 783-786, 1221-1225.	0.3	2
17	Recrystallization of AZ31 Alloy. <i>Materials Science Forum</i> , 0, 783-786, 497-502.	0.3	0
18	Fatigue and Fracture Behavior of Porous TiNi Alloys. <i>Materials Science Forum</i> , 0, 783-786, 591-596.	0.3	1