

Lavina Backman

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9051944/publications.pdf>

Version: 2024-02-01

5
papers

260
citations

1937685

4
h-index

2053705

5
g-index

5
all docs

5
docs citations

5
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	Part I: Theoretical predictions of preferential oxidation in refractory high entropy materials. Acta Materialia, 2020, 197, 20-27.	7.9	94
2	Part II: Experimental verification of computationally predicted preferential oxidation of refractory high entropy ultra-high temperature ceramics. Acta Materialia, 2020, 197, 81-90.	7.9	88
3	Thermodynamic assessment of the group IV, V and VI oxides for the design of oxidation resistant multi-principal component materials. Journal of the European Ceramic Society, 2019, 39, 1796-1802.	5.7	63
4	Hafnium nitride films for thermoreflectance transducers at high temperatures: Potential based on heating from laser absorption. Applied Physics Letters, 2017, 111, .	3.3	14
5	Detection of sub-micrometer thermomechanical and thermochemical failure mechanisms in titanium with a laser-based thermoreflectance technique. Journal of Applied Physics, 2022, 131, 055104.	2.5	1