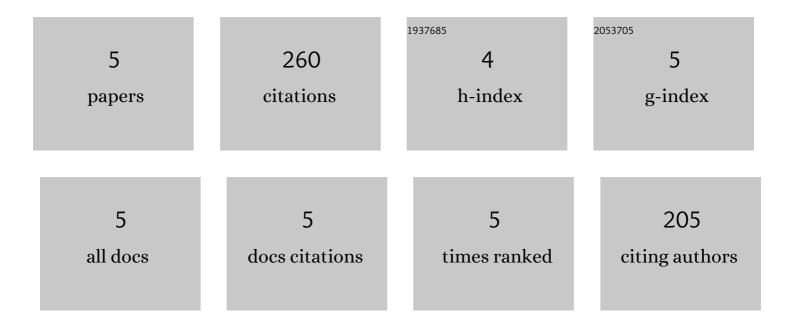
Lavina Backman

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9051944/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Part I: Theoretical predictions of preferential oxidation in refractory high entropy materials. Acta Materialia, 2020, 197, 20-27.	7.9	94
3	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
4	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
5	Hafnium nitride films for thermoreflectance transducers at high temperatures: Potential based on heating from laser absorption. Applied Physics Letters, 2017, 111, .	3.3	14