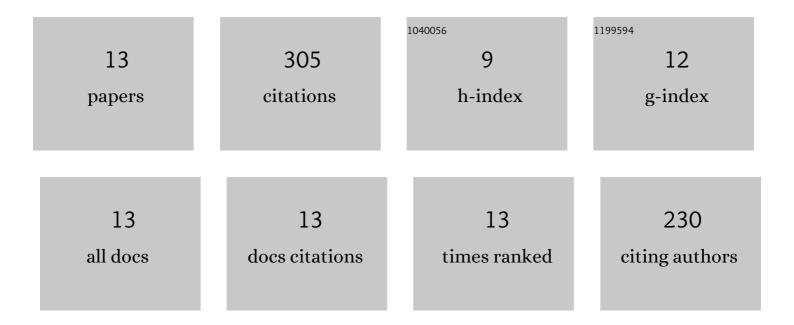
Qiaofu Zhang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7483624/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Phase transformations during continuous cooling in Inconel 718 alloys manufactured by laser powder bed fusion and suction casting. Materials Characterization, 2022, 185, 111764.	4.4	7
2	A simple yet general model of binary diffusion coefficients emerged from a comprehensive assessment of 18 binary systems. Acta Materialia, 2021, 215, 117077.	7.9	12
3	Role of binder phase on the microstructure and mechanical properties of a mechanically alloyed and spark plasma sintered WC-FCC HEA composites. Journal of Alloys and Compounds, 2021, 877, 160265.	5.5	34
4	Diffusion Coefficients and Phase Equilibria of the Cu-Zn Binary System Studied Using Diffusion Couples. Journal of Phase Equilibria and Diffusion, 2020, 41, 642-653.	1.4	12
5	Impact of Coarse γ′ Phase on Recrystallization Modeling in New Ni-Based Superalloy M647. Minerals, Metals and Materials Series, 2020, , 482-490.	0.4	0
6	Consideration of recrystallization modeling of γ/γ'-strengthened Ni-based superalloys at sub-solvus temperatures. Journal of Physics: Conference Series, 2019, 1270, 012051.	0.4	1
7	Effective evaluation of interfacial energy by matching precipitate sizes measured along a composition gradient with Kampmann-Wagner numerical (KWN) modeling. Scripta Materialia, 2019, 160, 70-74.	5.2	12
8	pydiffusion: A Python Library for Diffusion Simulation and Data Analysis. Journal of Open Research Software, 2019, 7, 13.	5.9	14
9	Measurement of interdiffusion and impurity diffusion coefficients in the bcc phase of the Ti–X (XÂ=ÂCr,) Tj ETQ 3255-3268.	q1 1 0.78 3.7	4314 rgBT 50
10	Accurate and efficient measurement of impurity (dilute) diffusion coefficients without isotope tracer experiments. Scripta Materialia, 2017, 128, 32-35.	5.2	30
11	Combinatorial Approach Based on Interdiffusion Experiments for the Design of Thermoelectrics: Application to the Mg ₂ (Si,Sn) Alloys. Chemistry of Materials, 2014, 26, 4334-4337.	6.7	27
12	Impurity and interdiffusion coefficients of the Cr–X (X=Co, Fe, Mo, Nb, Ni, Pd, Pt, Ta) binary systems. Journal of Alloys and Compounds, 2014, 604, 142-150.	5.5	32
13	Extracting interdiffusion coefficients from binary diffusion couples using traditional methods and a forward-simulation method. Intermetallics, 2013, 34, 132-141.	3.9	74