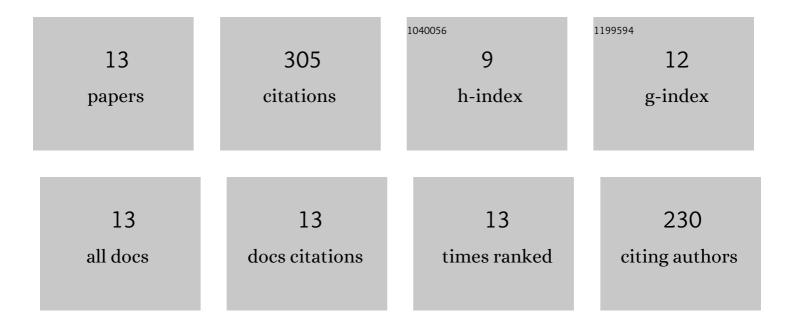
Qiaofu Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Extracting interdiffusion coefficients from binary diffusion couples using traditional methods and a forward-simulation method. Intermetallics, 2013, 34, 132-141.	3.9	74
2	Measurement of interdiffusion and impurity diffusion coefficients in the bcc phase of the Ti–X (XÂ=ÂCr,) Tj ETQ 3255-3268.	q0 0 0 rgE 3.7	3T /Overlock 50
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	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
5	Accurate and efficient measurement of impurity (dilute) diffusion coefficients without isotope tracer experiments. Scripta Materialia, 2017, 128, 32-35.	5.2	30
6	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
7	pydiffusion: A Python Library for Diffusion Simulation and Data Analysis. Journal of Open Research Software, 2019, 7, 13.	5.9	14
8	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
9	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
10	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
11	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
12	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
13	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