

Shenghua Deng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Laser melting deposition of aluminium 7050 alloy: Heat treatment, microstructure and mechanical properties. <i>Materials Science and Technology</i> , 2022, 38, 1266-1275.	1.6	3
2	The growth kinetic behaviors of the intermetallics at W/Co interface under the current of spark plasma sintering. <i>Materials Research Express</i> , 2021, 8, 106511.	1.6	2
3	Diffusivity of Ti-Ni Diffusion Couple Enhanced by Pulse Current During Spark Plasma Sintering. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2020, 51, 6-10.	2.1	11
4	The preferential growth behaviors of the intermetallics at the W/Co interface during spark plasma sintering. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	13
5	The effect of particle size on the densification kinetics of tungsten powder during spark plasma sintering. <i>International Journal of Refractory Metals and Hard Materials</i> , 2020, 93, 105358.	3.8	17
6	The Influence of Porous Structure on the Interdiffusion Kinetics of Cu-Ni System During Spark Plasma Sintering. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 1799-1807.	2.2	1
7	The influence of the local effect of electric current on densification of tungsten powder during spark plasma sintering. <i>Powder Technology</i> , 2019, 356, 769-777.	4.2	11
8	Electromigration-Enhanced Densification Kinetics During Spark Plasma Sintering of Tungsten Powder. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2019, 50, 2886-2897.	2.2	20
9	Influence of electric current on interdiffusion kinetics of W-Ti system during spark plasma sintering. <i>International Journal of Refractory Metals and Hard Materials</i> , 2018, 75, 184-190.	3.8	28
10	Direct current-enhanced densification kinetics during spark plasma sintering of tungsten powder. <i>Scripta Materialia</i> , 2018, 143, 25-29.	5.2	83
11	Spark plasma sintering of pure tungsten powder: Densification kinetics and grain growth. <i>Powder Technology</i> , 2017, 310, 264-271.	4.2	73