

Shenghua Deng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5153134/publications.pdf>

Version: 2024-02-01

11
papers

262
citations

1163117

8
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

176
citing authors

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