Hanshin Choi

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6033656/publications.pdf

Version: 2024-02-01

17	191	1163117	1058476
papers	citations	8	14
		h-index	g-index

17	17	17	170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phase evolutions of bulk amorphous NiTiZrSiSn feedstock during thermal and kinetic spraying processes. Scripta Materialia, 2005, 53, 125-130.	5.2	58
2	Anisotropy in Green Body Bending Strength due to Additive Direction in the Binder-Jetting Additive Manufacturing Process. Journal of Korean Institute of Metals and Materials, 2019, 57, 227-235.	1.0	23
3	SiC-Si composite part fabrication via SiC powder binder jetting additive manufacturing and molten-Si infiltration. International Journal of Refractory Metals and Hard Materials, 2021, 101, 105686.	3.8	20
4	In Situ Synthesis of Bimetallic Tungsten-Copper Nanoparticles via Reactive Radio-Frequency (RF) Thermal Plasma. Nanoscale Research Letters, 2018, 13, 220.	5.7	16
5	Tribological behavior of the kinetic sprayed Ni59Ti16Zr20Si2Sn3 bulk metallic glass. Journal of Alloys and Compounds, 2007, 434-435, 64-67.	5.5	14
6	Critical factors affecting the amorphous phase formation of NiTiZrSiSn bulk amorphous feedstock in vacuum plasma spray. Journal of Materials Science, 2005, 40, 3873-3875.	3.7	10
7	Size and morphology manipulation of nickel nanoparticle in inductively coupled thermal plasma synthesis. Journal of Alloys and Compounds, 2016, 658, 824-831.	5.5	9
8	Tungsten Micropowder/Copper Nanoparticle Core/Shell-Structured Composite Powder Synthesized by Inductively Coupled Thermal Plasma Process. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2017, 48, 439-445.	2.2	9
9	Oxidation induced phase instability of Cu54Zr22Ti18Ni6 bulk metallic glass. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2007, 449-451, 118-121.	5.6	7
10	Characteristics of Niâ€“W bimetallic nanoparticle via reactive RF thermal plasma synthesis. International Journal of Refractory Metals and Hard Materials, 2015, 53, 17-22.	3.8	6
11	Cross-sectional analysis of W-cored Ni nanoparticle via focused ion beam milling with impregnation. Nanoscale Research Letters, 2014, 9, 533.	5.7	5
12	Research Trend of Additive Manufacturing Technology âˆ’ A=B+C+D+E, add Innovative Concept to Current Additive Manufacturing Technology: Four Conceptual Factors for Building Additive Manufacturing Technology â”. Journal of Korean Powder Metallurgy Institute, 2016, 23, 149-169.	0.3	5
13	Densification behavior and electrical properties of carbon nanotube-Ni nanocomposite films for co-fireable microcircuit electrodes. Thin Solid Films, 2018, 660, 754-758.	1.8	4
14	Radio frequency thermal plasma-processed Ni-W nanostructures for printable microcircuit electrodes. Materials and Design, 2020, 191, 108590.	7.0	2
15	Multi-step Metals Additive Manufacturing Technologies. Journal of Korean Powder Metallurgy Institute, 2020, 27, 256-267.	0.3	2
16	Double-stage sintering behavior of a nickel nanoparticle dispersed micro powder. Journal of Alloys and Compounds, 2016, 689, 820-828.	5.5	1
17	Synthesis and microstructure control of Mg alloy powder composites by multi-extrusion. Journal of Alloys and Compounds, 2011, 509, S247-S249.	5.5	0