

Ligen Yu

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,445
citations

687220

13
h-index

677027

22
g-index

24
all docs

24
docs citations

24
times ranked

1950
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Thermoelectric Properties of Solution Grown Bi ₂ Te ₃ Nanoplatelet Composites. Nano Letters, 2012, 12, 1203-1209.	4.5	348
2	FeB/FeB phase transformation during SPS pack-boriding: Boride layer growth kinetics. Acta Materialia, 2005, 53, 2361-2368.	3.8	204
3	Influence of microstructure on the ionic conductivity of yttria-stabilized zirconia electrolyte. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2002, 335, 246-252.	2.6	199
4	Interface Driven Energy Filtering of Thermoelectric Power in Spark Plasma Sintered Bi ₂ Te _{2.7} Se _{0.3} Nanoplatelet Composites. Nano Letters, 2012, 12, 4305-4310.	4.5	149
5	Spark plasma sintering of TiNi nano-powder. Scripta Materialia, 2005, 52, 455-460.	2.6	104
6	Influence of international co-authorship on the research citation impact of young universities. Scientometrics, 2016, 107, 1095-1110.	1.6	95
7	Controlled growth of bismuth antimony telluride Bi ₂ SbTe ₃ nanoplatelets and their bulk thermoelectric nanocomposites. Nano Energy, 2015, 15, 688-696.	8.2	94
8	Quantitative evaluation of the decarburization and microstructure evolution of WC-Co during plasma spraying. Surface and Coatings Technology, 2012, 206, 4068-4074.	2.2	48
9	Spark plasma sintering of Sm ₂ O ₃ -doped aluminum nitride. Journal of the European Ceramic Society, 2005, 25, 1057-1065.	2.8	45
10	Spark plasma sintering of sol-gel derived 45S5 Bioglass-ceramics: Mechanical properties and biocompatibility evaluation. Materials Science and Engineering C, 2012, 32, 494-502.	3.8	36
11	Growth morphology and mechanism of MC carbide under quasi-rapid solidification conditions. Science and Technology of Advanced Materials, 2001, 2, 173-176.	2.8	24
12	Pressureless spark plasma sintering of alumina micro-channel part produced by micro powder injection molding. Scripta Materialia, 2011, 64, 237-240.	2.6	17
13	Self-consistent elastic properties for transversely isotropic polycrystals. Acta Materialia, 1998, 46, 127-135.	3.8	16
14	Restoring Good Health in Elderly with Diverse Gut Microbiome and Food Intake Restriction to Combat COVID-19. Indian Journal of Microbiology, 2021, 61, 104-107.	1.5	10
15	The effect of boron-pack refreshment on the boriding of mild steel by the spark plasma sintering (SPS) process. Surface and Coatings Technology, 2008, 202, 2830-2836.	2.2	9
16	Nutrition acquisition by human immunity, transient overnutrition and the cytokine storm in severe cases of COVID-19. Medical Hypotheses, 2021, 155, 110668.	0.8	9
17	Global Research Trends in Thermal Sprayed Coatings Technology Analyzed with Bibliometrics Tools. Journal of Thermal Spray Technology, 2015, 24, 1346-1354.	1.6	8
18	Identifying Indicators of Progress in Thermal Spray Research Using Bibliometrics Analysis. Journal of Thermal Spray Technology, 2016, 25, 1526-1533.	1.6	8

#	ARTICLE	IF	CITATIONS
19	Commentary: Reconciling Hygiene and Cleanliness: A New Perspective from Human Microbiome. Indian Journal of Microbiology, 2020, 60, 259-261.	1.5	8
20	Revealing key topics shifts in thermal barrier coatings (TBC) as indicators of technological developments for aerospace engines. Scientometrics, 2020, 125, 1763-1781.	1.6	5
21	Spark-Plasma-Sintering (SPS) of tungsten carbide and titanium carbonitride nanopowders. IOP Conference Series: Materials Science and Engineering, 2011, 23, 012039.	0.3	4
22	Effects of Titania Content and Sintering Temperature on Structural, Mechanical and Bioactive Behaviors of Titania Reinforced Hydroxyapatite Nanocomposites. Advanced Engineering Materials, 2008, 10, B53.	1.6	3
23	Spark plasma sintering of silver nanopowder. , 2007, 6799, 89.		1
24	Scientometrics as a Powerful Tool in Integrating Isolated Medical Specialties: A Case Study of the Rediscovery of the Luigi Cornaro Diet. , 0, , .		1