

# 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	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
2	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
3	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
4	Commentary: Reconciling Hygiene and Cleanliness: A New Perspective from Human Microbiome. Indian Journal of Microbiology, 2020, 60, 259-261.	1.5	8
5	Identifying Indicators of Progress in Thermal Spray Research Using Bibliometrics Analysis. Journal of Thermal Spray Technology, 2016, 25, 1526-1533.	1.6	8
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 <sub>2</sub> Sb <sub>2</sub> Te <sub>3</sub> nanoplatelets and their bulk thermoelectric nanocomposites. Nano Energy, 2015, 15, 688-696.	8.2	94
8	Global Research Trends in Thermal Sprayed Coatings Technology Analyzed with Bibliometrics Tools. Journal of Thermal Spray Technology, 2015, 24, 1346-1354.	1.6	8
9	Interface Driven Energy Filtering of Thermoelectric Power in Spark Plasma Sintered Bi <sub>2</sub> Te <sub>2.7</sub> Se <sub>0.3</sub> Nanoplatelet Composites. Nano Letters, 2012, 12, 4305-4310.	4.5	149
10	Enhanced Thermoelectric Properties of Solution Grown Bi <sub>2</sub> Te <sub>3</sub> Se Nanoplatelet Composites. Nano Letters, 2012, 12, 1203-1209.	4.5	348
11	Spark plasma sintering of sol-gel derived 45S5 Bioglass <sup>®</sup> -ceramics: Mechanical properties and biocompatibility evaluation. Materials Science and Engineering C, 2012, 32, 494-502.	3.8	36
12	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
13	Pressureless spark plasma sintering of alumina micro-channel part produced by micro powder injection molding. Scripta Materialia, 2011, 64, 237-240.	2.6	17
14	Spark-Plasma-Sintering (SPS) of tungsten carbide and titanium carbonitride nanopowders. IOP Conference Series: Materials Science and Engineering, 2011, 23, 012039.	0.3	4
15	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
16	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
17	Spark plasma sintering of silver nanopowder. , 2007, 6799, 89.		1
18	Spark plasma sintering of Sm <sub>2</sub> O <sub>3</sub> -doped aluminum nitride. Journal of the European Ceramic Society, 2005, 25, 1057-1065.	2.8	45

#	ARTICLE	IF	CITATIONS
19	FeB/FeB phase transformation during SPS pack-boriding: Boride layer growth kinetics. Acta Materialia, 2005, 53, 2361-2368.	3.8	204
20	Spark plasma sintering of TiNi nano-powder. Scripta Materialia, 2005, 52, 455-460.	2.6	104
21	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
22	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
23	Self-consistent elastic properties for transversely isotropic polycrystals. Acta Materialia, 1998, 46, 127-135.	3.8	16
24	Scientometrics as a Powerful Tool in Integrating Isolated Medical Specialties: A Case Study of the Rediscovery of the Luigi Cornaro Diet. , 0, , .		1