Marco Mariani

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8628143/publications.pdf

Version: 2024-02-01

15 papers	253 citations	1307594 7 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	127 citing authors

#	Article	IF	Citations
1	Effects of process parameters, debinding and sintering on the microstructure of 316L stainless steel produced by binder jetting. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 828, 142108.	5.6	54
2	3D printing of fine alumina powders by binder jetting. Journal of the European Ceramic Society, 2021, 41, 5307-5315.	5.7	40
3	Mechanical and microstructural characterization of WC-Co consolidated by binder jetting additive manufacturing. International Journal of Refractory Metals and Hard Materials, 2021, 100, 105639.	3.8	36
4	Characterization of novel graphene-based microporous layers for Polymer Electrolyte Membrane Fuel Cells operating under low humidity and high temperature. International Journal of Hydrogen Energy, 2020, 45, 7046-7058.	7.1	27
5	Investigation of second phase concentration effects on tribological and electrical properties of Cuâ€“WS2 composites. Tribology International, 2022, 166, 107357.	5.9	20
6	The Role of Fluorinated Polymers in the Water Management of Proton Exchange Membrane Fuel Cells: A Review. Energies, 2021, 14, 8387.	3.1	11
7	Densification behaviour of pure copper processed through cold pressing and binder jetting under different atmospheres. Rapid Prototyping Journal, 2022, 28, 1023-1039.	3.2	10
8	Graphene oxide-naphthalene sulfonate blends as possible proton exchange membranes. Solid State Ionics, 2022, 376, 115858.	2.7	10
9	Employment of Micro- and Nano-WS2 Structures to Enhance the Tribological Properties of Copper Matrix Composites. Lubricants, 2021, 9, 53.	2.9	9
10	Additive manufacturing of lead-free KNN by binder jetting. Journal of the European Ceramic Society, 2022, 42, 5598-5605.	5.7	9
11	Optimization of Perfluoropolyether-Based Gas Diffusion Media Preparation for PEM Fuel Cells. Energies, 2020, 13, 1831.	3.1	8
12	Evaluation of Graphene Nanoplatelets as a Microporous Layer Material for PEMFC: Performance and Durability Analysis. Fuel Cells, 2019, 19, 685-694.	2.4	7
13	Effect of printing parameters on sintered WC-Co components by binder jetting. European Journal of Materials, 2022, 2, 365-380.	2.6	5
14	Analysis of the Flatness Form Error in Binder Jetting Process as Affected by the Inclination Angle. Metals, 2022, 12, 430.	2.3	4
15	Graphene-based microporous layers for enhanced performance in PEM fuel cells. Materials Today: Proceedings, 2020, 31, 426-432.	1.8	3