

Marco Mariani

List of Publications by Year in descending order

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papers

253
citations

1307594

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996975

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15
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15
docs citations

15
times ranked

127
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of second phase concentration effects on tribological and electrical properties of Cu-WS ₂ composites. Tribology International, 2022, 166, 107357.	5.9	20
2	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
3	Graphene oxide-naphthalene sulfonate blends as possible proton exchange membranes. Solid State Ionics, 2022, 376, 115858.	2.7	10
4	Analysis of the Flatness Form Error in Binder Jetting Process as Affected by the Inclination Angle. Metals, 2022, 12, 430.	2.3	4
5	Effect of printing parameters on sintered WC-Co components by binder jetting. European Journal of Materials, 2022, 2, 365-380.	2.6	5
6	Additive manufacturing of lead-free KNN by binder jetting. Journal of the European Ceramic Society, 2022, 42, 5598-5605.	5.7	9
7	Employment of Micro- and Nano-WS ₂ Structures to Enhance the Tribological Properties of Copper Matrix Composites. Lubricants, 2021, 9, 53.	2.9	9
8	3D printing of fine alumina powders by binder jetting. Journal of the European Ceramic Society, 2021, 41, 5307-5315.	5.7	40
9	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
10	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
11	The Role of Fluorinated Polymers in the Water Management of Proton Exchange Membrane Fuel Cells: A Review. Energies, 2021, 14, 8387.	3.1	11
12	Graphene-based microporous layers for enhanced performance in PEM fuel cells. Materials Today: Proceedings, 2020, 31, 426-432.	1.8	3
13	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
14	Optimization of Perfluoropolyether-Based Gas Diffusion Media Preparation for PEM Fuel Cells. Energies, 2020, 13, 1831.	3.1	8
15	Evaluation of Graphene Nanoplatelets as a Microporous Layer Material for PEMFC: Performance and Durability Analysis. Fuel Cells, 2019, 19, 685-694.	2.4	7