

Pawel Sokolowski

List of Publications by Year in descending order

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papers

449
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759233

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#	ARTICLE	IF	CITATIONS
1	The key process parameters influencing formation of columnar microstructure in suspension plasma sprayed zirconia coatings. <i>Surface and Coatings Technology</i> , 2014, 260, 97-106.	4.8	80
2	Review of Functionally Graded Thermal Sprayed Coatings. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5153.	2.5	58
3	Advanced Microscopic Study of Suspension Plasma-Sprayed Zirconia Coatings with Different Microstructures. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 94-104.	3.1	43
4	Development of hydroxyapatite coatings by solution precursor plasma spray process and their microstructural characterization. <i>Surface and Coatings Technology</i> , 2017, 318, 39-49.	4.8	38
5	Influence of 13Åwt% TiO ₂ content in alumina-titania powders on microstructure, sliding wear and cavitation erosion resistance of APS sprayed coatings. <i>Surface and Coatings Technology</i> , 2021, 410, 126979.	4.8	32
6	The microstructural studies of suspension plasma sprayed zirconia coatings with the use of high-energy plasma torches. <i>Surface and Coatings Technology</i> , 2017, 318, 250-261.	4.8	22
7	Microstructural, mechanical and tribological properties of finely grained Al ₂ O ₃ coatings obtained by SPS and S-HVOF methods. <i>Surface and Coatings Technology</i> , 2020, 404, 126463.	4.8	22
8	Wear Behavior Analysis of Al ₂ O ₃ Coatings Manufactured by APS and HVOF Spraying Processes Using Powder and Suspension Feedstocks. <i>Coatings</i> , 2021, 11, 879.	2.6	20
9	Characterization of microstructure and thermal properties of YCSZ coatings obtained by suspension plasma spraying. <i>Surface and Coatings Technology</i> , 2015, 268, 147-152.	4.8	18
10	Thermophysical properties of YSZ and YCeSZ suspension plasma sprayed coatings having different microstructures. <i>Surface and Coatings Technology</i> , 2017, 318, 28-38.	4.8	17
11	Controlling Microstructure of Yttria-Stabilized Zirconia Prepared from Suspensions and Solutions by Plasma Spraying with High Feed Rates. <i>Journal of Thermal Spray Technology</i> , 2017, 26, 1787-1803.	3.1	15
12	The Microstructure and Selected Mechanical Properties of Al ₂ O ₃ + 13 wt % TiO ₂ Plasma Sprayed Coatings. <i>Coatings</i> , 2020, 10, 173.	2.6	14
13	A Study on the Microstructural Characterization and Phase Compositions of Thermally Sprayed Al ₂ O ₃ -TiO ₂ Coatings Obtained from Powders and Water-Based Suspensions. <i>Materials</i> , 2020, 13, 2638.	2.9	12
14	Development of Resistance Spot Welding Processes of Metal-Plastic Composites. <i>Materials</i> , 2021, 14, 3233.	2.9	11
15	Computational image analysis of Suspension Plasma Sprayed YSZ coatings. <i>ITM Web of Conferences</i> , 2017, 15, 06004.	0.5	9
16	Study on Geometry, Dimensional Accuracy and Structure of Parts Produced by Multi Jet Fusion. <i>Materials</i> , 2021, 14, 4510.	2.9	9
17	TRIBOLOGICAL PROPERTIES OF Al ₂ O ₃ + TiO ₂ COATINGS MANUFACTURED BY PLASMA SPRAYING. <i>Tribologia</i> , 2019, 283, 19-24.	0.2	9
18	The Detectability of Welding Defects in MIAB Welded Thin-Walled Tubular Components by Immersion Ultrasonic Technique. <i>Journal of Nondestructive Evaluation</i> , 2020, 39, 1.	2.4	8

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19	Study on the Characteristics of a TBC System Containing a PVD-Al Interlayer under Isothermal Loading. <i>Coatings</i> , 2021, 11, 887.	2.6	6
20	Al ₂ O ₃ -TiO ₂ coatings deposition by intermixed and double injection SPS concepts. <i>Materials Science-Poland</i> , 2021, 39, 599-614.	1.0	3
21	Application of Plasma Sprayed Cu Intermediate Layers in the Soldering Process of Graphite Composite to 6060 Aluminum Alloy. <i>Materials</i> , 2020, 13, 5114.	2.9	1
22	tendencje rozwojowe zgrzewania łukiem wirującym w aspekcie zastosowania, w przemyśle motoryzacyjnym. <i>Przegląd Spawalnictwa</i> , 2015, 85, .	0.5	1
23	Zautomatyzowane stanowisko do badania, ultradźwiękowych połączeń, zgrzewanych łukiem wirującym. <i>Przegląd Spawalnictwa</i> , 2017, 89, .	0.5	1