Pawel Sokolowski

List of Publications by Year
in descending order

23	449	759233 12	713466 21
papers	citations	h-index	g-index

23	23	23	356
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of 13Âwt% TiO2 content in alumina-titania powders on microstructure, sliding wear and cavitation erosion resistance of APS sprayed coatings. Surface and Coatings Technology, 2021, 410, 126979.	4.8	32
2	Development of Resistance Spot Welding Processes of Metalâ€“Plastic Composites. Materials, 2021, 14, 3233.	2.9	11
3	Study on the Characteristics of a TBC System Containing a PVD-Al Interlayer under Isothermal Loading. Coatings, 2021, 11, 887.	2.6	6
4	Wear Behavior Analysis of Al2O3 Coatings Manufactured by APS and HVOF Spraying Processes Using Powder and Suspension Feedstocks. Coatings, 2021, 11, 879.	2.6	20
5	Study on Geometry, Dimensional Accuracy and Structure of Parts Produced by Multi Jet Fusion. Materials, 2021, 14, 4510.	2.9	9
6	Al₂O₃-TiO₂ coatings deposition by intermixed and double injection SPS concepts. Materials Science-Poland, 2021, 39, 599-614.	1.0	3
7	Microstructural, mechanical and tribological properties of finely grained Al2O3 coatings obtained by SPS and S-HVOF methods. Surface and Coatings Technology, 2020, 404, 126463.	4.8	22
8	Application of Plasma Sprayed Cu Intermediate Layers in the Soldering Process of Graphite Composite to 6060 Aluminum Alloy. Materials, 2020, 13, 5114.	2.9	1
9	Review of Functionally Graded Thermal Sprayed Coatings. Applied Sciences (Switzerland), 2020, 10, 5153.	2.5	58
10	A Study on the Microstructural Characterization and Phase Compositions of Thermally Sprayed Al2O3-TiO2 Coatings Obtained from Powders and Water-Based Suspensions. Materials, 2020, 13, 2638.	2.9	12
11	The Detectability of Welding Defects in MIAB Welded Thin-Walled Tubular Components by Immersion Ultrasonic Technique. Journal of Nondestructive Evaluation, 2020, 39, 1.	2.4	8
12	The Microstructure and Selected Mechanical Properties of Al2O3 + 13 wt % TiO2 Plasma Sprayed Coatings. Coatings, 2020, 10, 173.	2.6	14
13	TRIBOLOGICAL PROPERTIES OF Al2O3 + TiO2 COATINGS MANUFACTURED BY PLASMA SPRAYING. Tribologia, 2019, 283, 19-24.	0.2	9
14	Thermophysical properties of YSZ and YCeSZ suspension plasma sprayed coatings having different microstructures. Surface and Coatings Technology, 2017, 318, 28-38.	4.8	17
15	The microstructural studies of suspension plasma sprayed zirconia coatings with the use of high-energy plasma torches. Surface and Coatings Technology, 2017, 318, 250-261.	4.8	22
16	Controlling Microstructure of Yttria-Stabilized Zirconia Prepared from Suspensions and Solutions by Plasma Spraying with High Feed Rates. Journal of Thermal Spray Technology, 2017, 26, 1787-1803.	3.1	15
17	Development of hydroxyapatite coatings by solution precursor plasma spray process and their microstructural characterization. Surface and Coatings Technology, 2017, 318, 39-49.	4.8	38
18	Computational image analysis of Suspension Plasma Sprayed YSZ coatings. ITM Web of Conferences, 2017, 15, 06004.	0.5	9

#	Article	IF	Citations
19	Zautomatyzowane stanowisko do badaÅ„ ultradÅºwiÄ™kowych poÅ‚Ä…czeÅ„ zgrzewanych Å‚ukiem wirujÄ…cym. PrzeglÄ…d Spawalnictwa, 2017, 89, .	0.5	1
20	Advanced Microscopic Study of Suspension Plasma-Sprayed Zirconia Coatings with Different Microstructures. Journal of Thermal Spray Technology, 2016, 25, 94-104.	3.1	43
21	Characterization of microstructure and thermal properties of YCSZ coatings obtained by suspension plasma spraying. Surface and Coatings Technology, 2015, 268, 147-152.	4.8	18
22	tendencje rozwojowe zgrzewania Å‚ukiem wirujÄ…cym w aspekcie zastosowaÅ„ w przemyÅ›le motoryzacyjnym. PrzeglÄ…d Spawalnictwa, 2015, 85, .	0.5	1
23	The key process parameters influencing formation of columnar microstructure in suspension plasma sprayed zirconia coatings. Surface and Coatings Technology, 2014, 260, 97-106.	4.8	80