

Jiří Kotlan

List of Publications by Year in descending order

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12
papers

160
citations

1040056

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1199594

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12
docs citations

12
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159
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of suspension plasma sprayed alumina coatings with high enthalpy plasma torch. Surface and Coatings Technology, 2017, 325, 277-288.	4.8	31
2	On the dielectric strengths of atmospheric plasma sprayed Al ₂ O ₃ , Y ₂ O ₃ , ZrO ₂ •7% Y ₂ O ₃ and (Ba,Sr)TiO ₃ coatings. Ceramics International, 2015, 41, 11169-11176.	4.8	27
3	Microstructure and Properties of Plasma-Sprayed Mixture of Cr ₂ O ₃ and TiO ₂ . Journal of Thermal Spray Technology, 2013, 22, 1163-1169.	3.1	19
4	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
5	Feasibility of suspension spraying of yttria-stabilized zirconia with water-stabilized plasma torch. Surface and Coatings Technology, 2015, 268, 58-62.	4.8	14
6	Calcium titanate (CaTiO ₃) dielectrics prepared by plasma spray and post-deposition thermal treatment. Materials Research Bulletin, 2015, 72, 123-132.	5.2	13
7	Suspensions Plasma Spraying of Ceramics with Hybrid Water-Stabilized Plasma Technology. Journal of Thermal Spray Technology, 2017, 26, 37-46.	3.1	12
8	Dielectric properties of CaTiO ₃ coatings prepared by plasma spraying. Surface Engineering, 2013, 29, 384-389.	2.2	10
9	Improving dielectric properties of plasma sprayed calcium titanate (CaTiO ₃) coatings by thermal annealing. Ceramics International, 2014, 40, 13049-13055.	4.8	9
10	On reactive suspension plasma spraying of calcium titanate. Ceramics International, 2016, 42, 4607-4615.	4.8	5
11	The role of amorphous phase content on the electrical properties of atmospheric plasma sprayed (Ba,Sr)TiO ₃ coatings. Ceramics International, 2016, 42, 11010-11014.	4.8	4
12	Electrical and Optical Properties of Plasma-Sprayed Yttria. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2019, 50, 504-511.	2.2	1