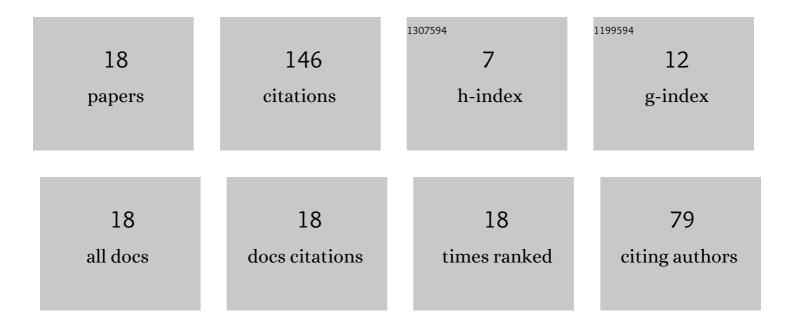
Ksenia E Smetanina

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Effect of grain boundary state and grain size on the microstructure and mechanical properties of alumina obtained by SPS: A case of the amorphous layer on particle surface. Ceramics International, 2022, 48, 25723-25740.	4.8	6
2	Influence of oxygen on densification kinetics of WC nanopowders during SPS. Ceramics International, 2021, 47, 4294-4309.	4.8	21
3	Spark plasma sintering of fine-grained WC hard alloys with ultra-low cobalt content. Journal of Alloys and Compounds, 2021, 857, 157535.	5.5	19
4	Binderless tungsten carbides with an increased oxygen content obtained by spark plasma sintering. Journal of Physics: Conference Series, 2021, 1758, 012023.	0.4	1
5	Structural-phase features of WC-based ceramics obtained by the spark plasma sintering method. IOP Conference Series: Materials Science and Engineering, 2021, 1014, 012053.	0.6	3
6	Effect of initial particle size and various composition on the spark plasma sintering of binderless tungsten carbide. Journal of Physics: Conference Series, 2021, 1758, 012022.	0.4	1
7	IR-transparent MgO-Gd2O3 composite ceramics produced by self-propagating high-temperature synthesis and spark plasma sintering. Journal of Advanced Ceramics, 2021, 10, 237-246.	17.4	25
8	A Study of the Impact of Graphite on the Kinetics of SPS in Nano- and Submicron WC-10%Co Powder Compositions. Ceramics, 2021, 4, 331-363.	2.6	9
9	Investigation of Microstructure and Corrosion Resistance of Ti-Al-V Titanium Alloys Obtained by Spark Plasma Sintering. Metals, 2021, 11, 945.	2.3	10
10	Ultralow-cobalt hard alloys obtained by spark plasma sintering. IOP Conference Series: Materials Science and Engineering, 2021, 1014, 012020.	0.6	1
11	Fabrication and Magneto-Optical Properties of Yb2O3 Based Ceramics. Magnetochemistry, 2020, 6, 63.	2.4	14
12	Kinetics of Spark Plasma Sintering of WC–10% Co Ultrafine-Grained Hard Alloy. Inorganic Materials: Applied Research, 2020, 11, 586-597.	0.5	8
13	Study of the kinetics of spark plasma sintering of ultrafine-grained hard alloys WC-10%Co. Journal of Physics: Conference Series, 2020, 1431, 012030.	0.4	1
14	Surface treatment of titanium alloys for the x-ray diffraction study. AIP Conference Proceedings, 2020, , .	0.4	2
15	Studying the homogeneity of the phase composition of hard alloys based on WC-Co. AIP Conference Proceedings, 2020, , .	0.4	3
16	Optimization of the phase composition of hard alloys obtained by spark plasma sintering of powders WC + 10% Co. Journal of Physics: Conference Series, 2019, 1347, 012064.	0.4	6
17	X-ray powder diffraction analysis of a tungsten carbide-based ceramic. IOP Conference Series: Materials Science and Engineering, 2019, 558, 012003.	0.6	15
18	Experimental study of the influence of different carbon content on the shrinkage kinetics and structure evolution of ultralow-cobalt hard alloys during spark plasma sintering. IOP Conference Series: Materials Science and Engineering, 0, 1008, 012049.	0.6	1