

# Saliou Diouf

## List of Publications by Year in descending order

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13  
papers

536  
citations

1039880

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1125617

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times ranked

467  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improving mechanical and thermal properties of graphite-aluminium composite using Si, SiC and eggshell particles. <i>Journal of Composite Materials</i> , 2020, 54, 2365-2376.	1.2	10
2	Wear and corrosion studies of graphite-aluminum composite reinforced with micro/nano-TiB <sub>2</sub> via spark plasma sintering. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2019, 50, 126-139.	0.5	4
3	Effect of titanium addition on the microstructure, electrical conductivity and mechanical properties of copper by using SPS for the preparation of Cu-Ti alloys. <i>Journal of Alloys and Compounds</i> , 2018, 736, 163-171.	2.8	28
4	Electrical Conductivity of Cu and Cu-2vol.% Nb Powders and the Effect of Varying Sintering Temperatures on their Mechanical Properties Using Spark Plasma Sintering. <i>Silicon</i> , 2017, 9, 855-865.	1.8	7
5	Effect of starting powder particle size and heating rate on spark plasma sintering of Fe Ni alloys. <i>Journal of Alloys and Compounds</i> , 2016, 678, 241-248.	2.8	59
6	Effect of micron and nano-sized ZrB <sub>2</sub> addition on the microstructure and properties of spark plasma sintered graphite-aluminum hybrid composite. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 4672-4688.	1.1	5
7	A comparative study of spark plasma sintering and hybrid spark plasma sintering of 93W-4.9Ni-2.1Fe heavy alloy. <i>International Journal of Refractory Metals and Hard Materials</i> , 2016, 55, 16-23.	1.7	31
8	Spark plasma sintering of graphite-aluminum powder reinforced with SiC/Si particles. <i>Powder Technology</i> , 2015, 284, 504-513.	2.1	31
9	Effect of sintering temperature on the microstructure and mechanical properties of Fe-30%Ni alloys produced by spark plasma sintering. <i>Journal of Alloys and Compounds</i> , 2015, 649, 824-832.	2.8	81
10	A fractographic and microstructural analysis of the neck regions of coarse copper particles consolidated by spark plasma sintering. <i>Materials Letters</i> , 2013, 111, 17-19.	1.3	16
11	Spark plasma sintering of cryomilled copper powder. <i>Powder Metallurgy</i> , 2013, 56, 420-426.	0.9	10
12	Study of effect of particle size on densification of copper during spark plasma sintering. <i>Powder Metallurgy</i> , 2012, 55, 228-234.	0.9	27
13	Densification mechanisms in spark plasma sintering: Effect of particle size and pressure. <i>Powder Technology</i> , 2012, 221, 220-227.	2.1	227