

Antonio Mario Locci

List of Publications by Year in descending order

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14
papers

1,375
citations

933447

10
h-index

1125743

13
g-index

16
all docs

16
docs citations

16
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling of Electric Current Assisted Sintering: An extended fluid-like approach for the description of powders rheological behavior. <i>Chemical Engineering Research and Design</i> , 2020, 154, 283-302.	5.6	7
2	Microstructure Evolution During Spark Plasma Sintering of Metastable (ZrO ₂ 3 mol%) Tj ETQq0 0 0 rgBT /Overlock 10 T the American Ceramic Society, 2010, 93, 2864-2870.	3.8	20
3	A methodology to investigate the intrinsic effect of the pulsed electric current during the spark plasma sintering of electrically conductive powders. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 045005.	6.1	23
4	Mechanochemically activated powders as precursors for spark plasma sintering (SPS) processes. , 2010, , 275-303.		1
5	Consolidation/synthesis of materials by electric current activated/assisted sintering. <i>Materials Science and Engineering Reports</i> , 2009, 63, 127-287.	31.8	1,047
6	Energy efficiency during conventional and novel sintering processes: the case of Ti-Al ₂ O ₃ -TiC composites. <i>Journal of Cleaner Production</i> , 2009, 17, 877-882.	9.3	29
7	Reactive Spark Plasma Sintering of rhenium diboride. <i>Ceramics International</i> , 2009, 35, 397-400.	4.8	50
8	Spark plasma sintering of self-propagating high-temperature synthesized Ti _{0.7} TiB ₂ powders and detailed characterization of dense product. <i>Ceramics International</i> , 2009, 35, 2587-2599.	4.8	15
9	Consolidation via spark plasma sintering of HfB ₂ /SiC and HfB ₂ /HfC/SiC composite powders obtained by self-propagating high-temperature synthesis. <i>Journal of Alloys and Compounds</i> , 2009, 478, 572-578.	5.5	77
10	Efficient Synthesis/Sintering Routes To Obtain Fully Dense Ultra-High-Temperature Ceramics (UHTCs). <i>Industrial & Engineering Chemistry Research</i> , 2007, 46, 9087-9096.	3.7	33
11	Conventional and SPS Sintering of a Nanocrystalline Alumina: A Comparative Study. <i>Advances in Science and Technology</i> , 2006, 45, 957-962.	0.2	2
12	Spark Plasma Synthesis/Sintering of Dense Ceramic, Intermetallic and Composite Materials. <i>Advances in Science and Technology</i> , 2006, 45, 1411.	0.2	0
13	Simultaneous spark plasma synthesis and consolidation of WC/Co composites. <i>Journal of Materials Research</i> , 2005, 20, 734-741.	2.6	22
14	A review on combustion synthesis of novel materials: recent experimental and modeling results. <i>Journal of Chemical Technology and Biotechnology</i> , 2003, 78, 122-127.	3.2	48