

Antonio Mario Locci

List of Publications by Year in descending order

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Version: 2024-02-01

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	Consolidation/synthesis of materials by electric current activated/assisted sintering. Materials Science and Engineering Reports, 2009, 63, 127-287.	31.8	1,047
2	Consolidation via spark plasma sintering of HfB ₂ /SiC and HfB ₂ /HfC/SiC composite powders obtained by self-propagating high-temperature synthesis. Journal of Alloys and Compounds, 2009, 478, 572-578.	5.5	77
3	Reactive Spark Plasma Sintering of rhenium diboride. Ceramics International, 2009, 35, 397-400.	4.8	50
4	A review on combustion synthesis of novel materials: recent experimental and modeling results. Journal of Chemical Technology and Biotechnology, 2003, 78, 122-127.	3.2	48
5	Efficient Synthesis/Sintering Routes To Obtain Fully Dense Ultra-High-Temperature Ceramics (UHTCs). Industrial & Engineering Chemistry Research, 2007, 46, 9087-9096.	3.7	33
6	Energy efficiency during conventional and novel sintering processes: the case of Ti-Al ₂ O ₃ -TiC composites. Journal of Cleaner Production, 2009, 17, 877-882.	9.3	29
7	A methodology to investigate the intrinsic effect of the pulsed electric current during the spark plasma sintering of electrically conductive powders. Science and Technology of Advanced Materials, 2010, 11, 045005.	6.1	23
8	Simultaneous spark plasma synthesis and consolidation of WC/Co composites. Journal of Materials Research, 2005, 20, 734-741.	2.6	22
9	Microstructure Evolution During Spark Plasma Sintering of Metastable (ZrO ₂ -3 mol%) Tj ETQq1 1 0.784314 rgBT /Ov... the American Ceramic Society, 2010, 93, 2864-2870.	3.8	20
10	Spark plasma sintering of self-propagating high-temperature synthesized Ti _{0.7} TiB ₂ powders and detailed characterization of dense product. Ceramics International, 2009, 35, 2587-2599.	4.8	15
11	Modeling of Electric Current Assisted Sintering: An extended fluid-like approach for the description of powders rheological behavior. Chemical Engineering Research and Design, 2020, 154, 283-302.	5.6	7
12	Conventional and SPS Sintering of a Nanocrystalline Alumina: A Comparative Study. Advances in Science and Technology, 2006, 45, 957-962.	0.2	2
13	Mechanochemically activated powders as precursors for spark plasma sintering (SPS) processes. , 2010, , 275-303.		1
14	Spark Plasma Synthesis/Sintering of Dense Ceramic, Intermetallic and Composite Materials. Advances in Science and Technology, 2006, 45, 1411.	0.2	0