

Tiago Andr   C  sar dos Santos

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

228
citations

1478505

6
h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

309
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave versus conventional porcelain firing: Colour analysis. Materials Chemistry and Physics, 2022, 275, 125265.	4.0	3
2	Global insight into microwave stoneware firing: Macro and microstructural changes. International Journal of Applied Ceramic Technology, 2021, 18, 1801-1813.	2.1	1
3	Microwave Versus Conventional Porcelain Firing: Greenware to Biscuit Crystallochemical Transformations. Journal of Manufacturing Science and Engineering, Transactions of the ASME, 2021, 143, .	2.2	4
4	Microwave vs conventional porcelain firing: Macroscopic properties. International Journal of Applied Ceramic Technology, 2020, 17, 2277-2285.	2.1	10
5	Microwave versus conventional porcelain firing: Temperature measurement. Journal of Manufacturing Processes, 2019, 41, 92-100.	5.9	20
6	New cosurface capacitive stimulators for the development of active osseointegrative implantable devices. Scientific Reports, 2016, 6, 30231.	3.3	28
7	High temperatures (>1000°C) monitoring during the sintering process in microwave oven using RFBGs. Optical and Quantum Electronics, 2016, 48, 1.	3.3	4
8	Heat Dissipation Interfaces Based on Vertically Aligned Diamond/Graphite Nanoplatelets. ACS Applied Materials & Interfaces, 2015, 7, 24772-24777.	8.0	14
9	Microwave processing of porcelain tableware using a multiple generator configuration. Applied Thermal Engineering, 2013, 50, 677-682.	6.0	24
10	Microwave radiation: An alternative method to sinter utilitarian porcelain. , 2011, , .		3
11	Simulating the electromagnetic field in microwave ovens. , 2011, , .		11
12	Electromagnetic and thermal history during microwave heating. Applied Thermal Engineering, 2011, 31, 3255-3261.	6.0	106