

Tetsushi Matsuda

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/319127/publications.pdf>

Version: 2024-02-01

12
papers

79
citations

1684188
5
h-index

1474206
9
g-index

12
all docs

12
docs citations

12
times ranked

87
citing authors

#	ARTICLE	IF	CITATIONS
1	Distortion prediction during sintering using Monte Carlo method implemented with virtual springs. International Journal of Ceramic Engineering & Science, 2022, 4, 270-280.	1.2	2
2	Development of a DEM taking account of neck increments caused by surface diffusion for sintering and application to analysis of the initial stage of sintering. Computational Materials Science, 2021, 196, 110525.	3.0	9
3	Effect of C/TiO ₂ ratio in raw materials on thermal conductivity of titanium carbonitrides synthesized by carbothermal reduction. Journal of Alloys and Compounds, 2020, 816, 152541.	5.5	4
4	Synthesis and sintering of TiC-TiB ₂ composite powders. Materials Today Communications, 2020, 25, 101457.	1.9	9
5	Finite difference calculation on an uncertainty evaluation of the kinetic parameters from initial sintering of UO ₂ . International Journal of Ceramic Engineering & Science, 2019, 1, 206-215.	1.2	3
6	Rapid low-temperature synthesis of tetragonal single-phase Li ₇ La ₃ Zr ₂ O ₁₂ . Journal of the American Ceramic Society, 2017, 100, 1313-1319.	3.8	13
7	Optimization of heating profile for densification of fuel pellets using Monte Carlo simulation. Computational Materials Science, 2017, 138, 346-352.	3.0	5
8	Thermal Shock Examination of Cermets by Repetitive Laser Irradiation. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2017, 64, 621-625.	0.2	0
9	Thermal Shock Examination of Cermets by Laser Irradiation and the Analysis Evaluation of Deformation. Funtai Oyobi Fummatu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2015, 62, 485-490.	0.2	1
10	Synthesis of titanium carbonitride nano-powder by carbothermal reduction of TiO ₂ . International Journal of Refractory Metals and Hard Materials, 2014, 42, 1-8.	3.8	17
11	Thermophysical and elastic properties of titanium carbonitrides containing molybdenum and tungsten. Journal of Alloys and Compounds, 2013, 562, 90-94.	5.5	14
12	Wetting Behavior for Ni on (Ti _{0.95} Mo _{0.05})(C _{0.5} N _{0.5}), (Ti _{0.9} Nb _{0.1})(C _{0.5} N _{0.5}) and (Ti _{0.85} Nb _{0.1} Mo _{0.05})(C _{0.5} N _{0.5}) Substrates. Materials Transactions, 2013, 54, 367-370.	1.2	2