

Denis SchÃ¼tz

List of Publications by Year in descending order

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10
papers

759
citations

1040056

9
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

811
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of a powder rheometer equipped with a cylindrical impeller for the measurement of powder flow properties at low consolidation. Powder Technology, 2019, 357, 281-290.	4.2	10
2	Experiments and simulation of torque in Anton Paar powder cell. Particulate Science and Technology, 2018, 36, 501-512.	2.1	18
3	A multi-method approach to quality control illustrated on the industrial powder coating process. Chemical Engineering Research and Design, 2018, 139, 136-143.	5.6	7
4	On the use of a powder rheometer to characterize the powder flowability at low consolidation with torque resistances. AIChE Journal, 2017, 63, 4788-4798.	3.6	19
5	The influence of Ti-nonstoichiometry in Bi _{0.5} Na _{0.5} TiO ₃ . Journal of the European Ceramic Society, 2014, 34, 663-667.	5.7	39
6	Load Characteristics of Lead-Free Ceramic Multilayer Actuators Based on Bismuth-Sodium-Titanate. International Journal of Applied Ceramic Technology, 2014, 11, 431-435.	2.1	11
7	Lone-pair-induced Covalency as the Cause of Temperature- and Field-induced Instabilities in Bismuth Sodium Titanate. Advanced Functional Materials, 2012, 22, 2285-2294.	14.9	422
8	The formation of secondary phases in Bi _{0.5} Na _{0.375} K _{0.125} TiO ₃ ceramics. Journal of the European Ceramic Society, 2012, 32, 2399-2404.	5.7	20
9	BNT-based multilayer device with large and temperature independent strain made by a water-based preparation process. Journal of the European Ceramic Society, 2011, 31, 1857-1860.	5.7	52
10	Piezoelectric properties and phase transition temperatures of the solid solution of (1-x)(Bi _{0.5} Na _{0.5})TiO ₃ -xSrTiO ₃ . Journal of the European Ceramic Society, 2010, 30, 1827-1832.	5.7	161