

# Denis SchÃ¼tz

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Local-Field-Induced Covalency as the Cause of Temperature- and Field-Induced Instabilities in Bismuth Sodium Titanate. <i>Advanced Functional Materials</i> , 2012, 22, 2285-2294.	14.9	422
2	Piezoelectric properties and phase transition temperatures of the solid solution of $(1-x)(\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-x\text{SrTiO}_3)$ . <i>Journal of the European Ceramic Society</i> , 2010, 30, 1827-1832.	5.7	161
3	BNT-based multilayer device with large and temperature independent strain made by a water-based preparation process. <i>Journal of the European Ceramic Society</i> , 2011, 31, 1857-1860.	5.7	52
4	The influence of Ti-nonstoichiometry in $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ . <i>Journal of the European Ceramic Society</i> , 2014, 34, 663-667.	5.7	39
5	The formation of secondary phases in $\text{Bi}_{0.5}\text{Na}_{0.375}\text{K}_{0.125}\text{TiO}_3$ ceramics. <i>Journal of the European Ceramic Society</i> , 2012, 32, 2399-2404.	5.7	20
6	On the use of a powder rheometer to characterize the powder flowability at low consolidation with torque resistances. <i>AIChE Journal</i> , 2017, 63, 4788-4798.	3.6	19
7	Experiments and simulation of torque in Anton Paar powder cell. <i>Particulate Science and Technology</i> , 2018, 36, 501-512.	2.1	18
8	Load Characteristics of Lead-Free Ceramic Multilayer Actuators Based on Bismuth-Sodium-Titanate. <i>International Journal of Applied Ceramic Technology</i> , 2014, 11, 431-435.	2.1	11
9	Assessment of a powder rheometer equipped with a cylindrical impeller for the measurement of powder flow properties at low consolidation. <i>Powder Technology</i> , 2019, 357, 281-290.	4.2	10
10	A multi-method approach to quality control illustrated on the industrial powder coating process. <i>Chemical Engineering Research and Design</i> , 2018, 139, 136-143.	5.6	7