

# Jun Du

## List of Publications by Year in descending order

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19  
papers

670  
citations

933447

10  
h-index

888059

17  
g-index

19  
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19  
docs citations

19  
times ranked

495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Energy Storage Density in Barium Strontium Titanate by Addition of Ba <sub>0.8</sub> SiO <sub>2</sub> B <sub>2</sub> O <sub>3</sub> Glass. Journal of the American Ceramic Society, 2009, 92, 1871-1873.	3.8	228
2	Preparation and characterization of dielectric glass-ceramics in Na <sub>2</sub> O-PbO-Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> system. Materials Letters, 2005, 59, 2821-2826.	2.6	89
3	Lead Sodium Niobate Glass-Ceramic Dielectrics and Internal Electrode Structure for High Energy Storage Density Capacitors. IEEE Transactions on Electron Devices, 2008, 55, 3549-3554.	3.0	84
4	Ba <sub>0.4</sub> Sr <sub>0.6</sub> TiO <sub>3</sub> /MgO Composites with Enhanced Energy Storage Density and Low Dielectric Loss for Solid-State Pulse-Forming Line. International Journal of Applied Ceramic Technology, 2010, 7, E124.	2.1	78
5	Structural and dielectric characterization of Gd <sub>2</sub> O <sub>3</sub> -added Ba <sub>0.8</sub> Na <sub>0.2</sub> Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> glass-ceramic composites. Scripta Materialia, 2011, 65, 296-299.	5.2	55
6	Structural Optimization and Improved Discharged Energy Density for Niobate Glass-Ceramics by La <sub>2</sub> O <sub>3</sub> Addition. Journal of the American Ceramic Society, 2013, 96, 372-375.	3.8	31
7	Fabrication and electrical properties of (111) textured (Ba <sub>0.6</sub> Sr <sub>0.4</sub> )TiO <sub>3</sub> film on platinized Si substrate. Applied Physics Letters, 2007, 90, 042905.	3.3	25
8	Discharged Energy Properties of Sr <sub>0.8</sub> Pb <sub>0.2</sub> Na <sub>2</sub> O-Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> Glass-Ceramics with Different Crystallization Time. Journal of the American Ceramic Society, 2015, 98, 366-369.	3.8	22
9	Effect of (Ba+Sr/Ti) ratio on the dielectric properties for highly (111) oriented (Ba,Sr)TiO <sub>3</sub> thin films. Journal of Alloys and Compounds, 2009, 475, 827-831.	5.5	18
10	Improved discharge properties of bulk Na <sub>2</sub> O-Ba <sub>0.8</sub> Pb <sub>0.2</sub> Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> glass-ceramic dielectrics through electrode structure design. Materials Letters, 2011, 65, 1976-1978.	2.6	10
11	Preparation and dielectric properties of Nb <sub>2</sub> O <sub>5</sub> -BaO-Na <sub>2</sub> O-SiO <sub>2</sub> glass-ceramic for energy storage capacitors. Journal of Physics: Conference Series, 2009, 152, 012061.	0.4	9
12	Structural characteristics and dielectric properties of glass-ceramic nanocomposites of (Pb,Sr)Nb <sub>2</sub> O <sub>6</sub> -NaNbO <sub>3</sub> -SiO <sub>2</sub> . Transactions of Nonferrous Metals Society of China, 2010, 20, 1434-1438.	4.2	8
13	Preparation and Dielectric Characterization of Lead-Free Niobate Glass-Ceramic Composites Added with Lu <sub>2</sub> O <sub>3</sub> . Journal of the American Ceramic Society, 2014, 97, 2353-2356.	3.8	5
14	Dielectric Properties of Niobate Glass Ceramics of PbO-SrO-Na <sub>2</sub> O-Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> System with Partial Substitution of K <sup>+</sup> for Na <sup>+</sup> . Journal of Electronic Materials, 2016, 45, 2651-2655.	2.2	3
15	Optimization of Dielectric Properties of Glass Added Ba <sub>x</sub> Sr <sub>1-x</sub> TiO <sub>3</sub> Ceramics for Pulsed Power Applications. Materials Science Forum, 2010, 654-656, 1990-1993.	0.3	2
16	Preparation and Characterization of PbO-SrO-Na <sub>2</sub> O-Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> Glass Ceramics Thin Film for High-Energy Storage Application. Journal of Electronic Materials, 2018, 47, 2940-2944.	2.2	2
17	Effect of Vacuum Heat Treatment on Dielectric Properties of PbO-BaO-Na <sub>2</sub> O-Nb <sub>2</sub> O <sub>5</sub> -SiO <sub>2</sub> Glass-Ceramic. Journal of Electronic Materials, 2015, 44, 3220-3224.	2.2	1
18	Gd <sub>2</sub> O <sub>3</sub> Added Glass-Ceramic Composite for the Improvement of Energy Storage Density through Controlled Crystallization. Advanced Materials Research, 2010, 150-151, 80-83.	0.3	0

#	ARTICLE	IF	CITATIONS
19	Dielectric and energy storage properties of PbOâ€“SrOâ€“Nb2O5â€“Na2Oâ€“Si thin films by annealing. Rare Metals, 2024, 43, 351-355.	7.1	0