

# Mridula Biswas

## List of Publications by Year in descending order

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11  
papers

98  
citations

1307594

7  
h-index

1372567

10  
g-index

11  
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11  
docs citations

11  
times ranked

179  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-temperature sintering of Ba(Zr,Y)O <sub>3</sub> -based proton conducting oxides using BaO-CuO eutectic flux as sintering aid. <i>Ceramics International</i> , 2016, 42, 10476-10481.	4.8	21
2	Synthesis of single phase rhombohedral LaNiO <sub>3</sub> at low temperature and its characterization. <i>Journal of Alloys and Compounds</i> , 2009, 480, 942-946.	5.5	17
3	Linear Combination of Atomic Orbitals Approximation in Nanocrystalline Yttria-Stabilized Zirconia Synthesized by Citrate-Nitrate Gel Combustion Process. <i>Journal of the American Ceramic Society</i> , 2008, 91, 934-937.	3.8	10
4	Synthesis of Nanocrystalline Yttria Stabilized Zirconia for SOFC. <i>Nanomaterials and Nanotechnology</i> , 2011, 1, 19.	3.0	10
5	Debye-type relaxation in yttria stabilized zirconia. <i>Journal of Alloys and Compounds</i> , 2010, 491, 30-35.	5.5	9
6	Characterization of Nanocrystalline Yttria-Stabilized Zirconia: An In Situ HTXRD Study. <i>ISRN Nanotechnology</i> , 2011, 2011, 1-4.	1.3	9
7	Effect of internal and external constraints on sintering behavior of thin film electrolytes for solid oxide fuel cells (SOFCs). <i>Ceramics International</i> , 2014, 40, 13131-13138.	4.8	8
8	Gas-tight yttria-doped barium zirconate thin film electrolyte via chemical solution deposition technique. <i>Journal of the European Ceramic Society</i> , 2017, 37, 2997-3001.	5.7	5
9	Rapid thermal processing of chemical-solution-deposited yttrium-doped barium zirconate thin films. <i>Surface and Coatings Technology</i> , 2017, 320, 213-216.	4.8	5
10	Fabrication of yttria-doped barium zirconate electrolyte with sub-micrometer thickness via low temperature viscous flow sintering. <i>Surface and Coatings Technology</i> , 2017, 320, 432-436.	4.8	4
11	Thermal Evolution of BaO-CuO Flux as Sintering Aid for Proton Conducting Ceramic Fuel Cells. <i>Journal of the Korean Ceramic Society</i> , 2016, 53, 506-510.	2.3	0