Shyamsunder Bhoga

List of Publications by Citations

38 papers	228 citations	8 h-index	13 g-index
44 ext. papers	246 ext. citations	2 avg, IF	2.86 L-index

#	Paper	IF	Citations
38	Electrochemical solid state gas sensors: An overview. *Ionics*, **2007**, 13, 417-427	2.7	32
37	Low temperature processing of dense samarium-doped CeO2 ceramics: sintering and intermediate temperature ionic conductivity. *Ionics*, **2007**, 13, 429-434	2.7	27
36	Nanosized ceria-based ceramics: a comparative study. *Ionics*, **2006**, 12, 295-301	2.7	23
35	Electrochemical performance of strontium-doped neodymium nickelate mixed ionic□electronic conductor for intermediate temperature solid oxide fuel cells. *Journal of Solid State Electrochemistry*, **2013**, 17, 617-626	2.6	21
34	Effect of Sr content on structure and electrical properties of La1□ Sr x MnO3 from ITSOFC cathode view point. *Ionics*, **2009**, 15, 571-578	2.7	12
33	Study on ammonium acetate salt-added polyvinyl alcohol-based solid proton-conducting polymer electrolytes. *Ionics*, **2013**, 19, 1619-1626	2.7	11
32	Study of mechanochemically prepared nanocrystalline La0.8Sr0.2MnO3. *Ionics*, **2010**, 16, 361-370	2.7	10
31	SO x solid state gas sensors: A review. *Bulletin of Materials Science*, **1999**, 22, 71-83	1.7	9
30	The role of electrolyte in governing the performance of protonic solid state battery. *Ionics*, **2007**, 13, 329-332	2.7	7
29	Synthesis and characterization of Ce-doped Sm2CuO4 + □cathode for IT-SOFC applications. *Ionics*, **2017**, 23, 2553-2560	2.7	5
28	Implications of Time Varying Cosmological Constant on Kaluza-Klein Cosmological Model. *International Journal of Theoretical Physics*, **2013**, 52, 4416-4426	1.1	5
27	Fabrication of 1D Microtubes of ZnS by Microwave Irradiation Method. *Integrated Ferroelectrics*, **2010**, 116, 16-22	0.8	5
26	Synthesis and Characterization of Nanosized Dy-Doped of Ceria Developed by Microwave Assisted Combustion Route. *Integrated Ferroelectrics*, **2010**, 121, 13-23	0.8	4
25	Effect of stoichiometry on the thermal expansion coefficients of lithium niobate single crystals. *Bulletin of Materials Science*, **1998**, 21, 469-474	1.7	4
24	AgNbO3 dispersed Ag2SO4 composite for potentiometric SO2 gas sensor application. *Ionics*, **2004**, 10, 39-44	2.7	4
23	An investigation on rare-earth cation substituted beta-Me2SO4(Me = Ag, Li and Na). *Journal Physics D: Applied Physics*, **2000**, 33, 80-87	3	4
22	An analysis of the electrical conductivity of the Ag2SO4-K2SO4 binary system. *Bulletin of Materials Science*, **1995**, 18, 147-154	1.7	4

21	PC based ferroelectric analyzer using modified sawyer and tower circuit. *Ferroelectrics*, **1996**, 189, 9-15	0.6	4
20	Preparation and Characterization of Proton Conducting Polymer Electrolyte. *Integrated Ferroelectrics*, **2010**, 119, 74-81	0.8	3
19	Study of Mechanochemically Prepared Nanostructured Nd1.8Ce0.2CuO4 Cathode. *Integrated Ferroelectrics*, **2010**, 116, 59-67	0.8	3
18	Galvanic CO2 sensor with Li2O: B2O3 glass ceramics based composite. *Ionics*, **2004**, 10, 45-49	2.7	3
17	A new Na+ glass-dispersed Na2CO3 composite for a solid state electrochemical CO2 gas sensor. *Journal of Solid State Electrochemistry*, **1999**, 3, 258-263	2.6	3
16	Electrical properties of the Ag2SO4-Na2SO4 binary system. *Applied Physics A: Solids and Surfaces*, **1992**, 55, 493-501		3
15	Effect of preparative methods on electrical and electrochemical performance of lanthanum strontium manganite. *Journal of Solid State Electrochemistry*, **2012**, 16, 1605-1613	2.6	2
14	Structural and Electrical Characterization of Ce1-x Cu x O2-□(x = 0.05□0.5) Prepared by Combustion Technique. *Integrated Ferroelectrics*, **2010**, 119, 66-73	0.8	2
13	Ionic Conductivity of Aliovalent Cation-Doped Ag2SO4. *Physica Status Solidi A*, **1998**, 168, 367-372		2
12	Investigation of the Ag2SO4 □BaSO4 binary system from an SOx sensor point of view. *Ionics*, **2002**, 8, 470-478	2.7	2
11	An analysis of the electrical conductivity in BaSO4-added Ag2SO4 solid electrolyte system. *Bulletin of Materials Science*, **1995**, 18, 237-246	1.7	2
10	On the Insertion of 7Li2 O : 3 B 2 O 3 Glass into the Polycrystalline 6Li2 SO 4 : 4Li2 CO 3 Composite System. *Journal of the Electrochemical Society*, **1990**, 137, 1970-1972	3.9	2
9	Structural and electrochemical investigation on Ga3+ doped Pr1.3Sr0.7Ni0.7Cu0.3O4 + □cathodes for IT-SOFC applications. *Ionics*, **2017**, 23, 2561-2570	2.7	1
8	Investigation on Structure and Electrical Property of Perovskite Type Ba x Sr 1-x Co0.6Fe0.4O3-□(x = 0.2□0.8) Oxides. *Integrated Ferroelectrics*, **2010**, 116, 101-112	0.8	1
7	Protonic batteries based on chemically synthesized MnO2. *Ionics*, **2009**, 15, 73-77	2.7	1
6	Direct Synthesis of Fe-Pt Nanoparticles in Ordered Face Centered (fct) LIo Phase by Microwave Assisted Route **2011**,		1
5	Investigation of Nano Size Lead Magnesium Niobate Synthesised by Combustion Method. *Ferroelectrics*, **2007**, 361, 120-129	0.6	1
4	Enhanced Electrode Kinetics in Electrochemical CO2 and SO2 Gas Sensors with Ferroelectric Dispersed Composite. *Ferroelectrics*, **2006**, 332, 89-96	0.6	1

3	Performance of solid state protonic battery with different cathodes. *Ionics*, **2004**, 10, 99-102	2.7	1
2	Glass dispersion favours ionic conduction in 6Li2SO4-4Li2CO3 composite solid electrolyte. *Journal of Materials Science*, **1990**, 25, 2520-2526	4.3	1
1	Aliovalent substitution in□Li2SO4 towards conductivity enhancement. *Bulletin of Materials Science*, **1987**, 9, 263-267	1.7	1