Wolfgang Menesklou

List of Publications by Year in descending order

21 papers	1,023 citations	623734 14 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1152 citing authors

#	Article	IF	Citations
1	Yttrium doping of Ba 0.5 Sr 0.5 Co 0.8 Fe 0.2 O 3-Î´ part II: Influence on oxygen transport and phase stability. Journal of the European Ceramic Society, 2018, 38, 2388-2395.	5.7	18
2	Yttrium doping of Ba 0.5 Sr 0.5 Co 0.8 Fe 0.2 O 3-Î´ part I: Influence on oxygen permeation, electrical properties, reductive stability, and lattice parameters. Journal of the European Ceramic Society, 2018, 38, 2378-2387.	5.7	15
3	(Ba0.5Sr0.5)(Co0.8Fe0.2)O3-ÎThin Films Derived by Metal-Organic Deposition: Preparation of Nanoscaled Surface Modifications and Electrochemical Characterization. Journal of the Electrochemical Society, 2016, 163, F302-F307.	2.9	3
4	Oxygen equilibration kinetics of mixed-conducting perovskites BSCF, LSCF, and PSCF at 900 Â°C determined by electrical conductivity relaxation. Solid State Ionics, 2015, 283, 30-37.	2.7	32
5	Characterization of oxygen-dependent stability of selected mixed-conducting perovskite oxides. Solid State Ionics, 2015, 273, 41-45.	2.7	11
6	Impact of microwave sintering on dielectric properties of screen printed Ba0.6Sr0.4TiO3 thick films. Journal of the European Ceramic Society, 2014, 34, 687-694.	5.7	11
7	Thermal stability of the cubic phase in Ba0.5Sr0.5Co0.8Fe0.2O3-Î´ (BSCF)1. Solid State Ionics, 2011, 197, 25-31.	2.7	81
8	Nonlinear ceramics for tunable microwave devices part I: materials properties and processing. Microsystem Technologies, 2011, 17, 203-211.	2.0	18
9	Study of the oxygen incorporation and diffusion in Sr(Ti0.65Fe0.35)O3 ceramics. Solid State Ionics, 2011, 192, 9-11.	2.7	13
10	pO₂ stability of Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3-Î´}. Materials Research Society Symposia Proceedings, 2011, 1309, 107.	0.1	5
11	BSCF epitaxial thin films: Electrical transport and oxygen surface exchange. Solid State Ionics, 2010, 181, 602-608.	2.7	37
12	Electronic Structure, Defect Chemistry, and Transport Properties of SrTi1-xFexO3-ySolid Solutions. Chemistry of Materials, 2006, 18, 3651-3659.	6.7	220
13	Temperature-independent resistive oxygen sensors based on SrTi1â^'xFexO3â^'Î´ solid solutions. Sensors and Actuators B: Chemical, 2005, 108, 223-230.	7.8	102
14	Investigation of BZT thin films for tunable microwave applications. Journal of the European Ceramic Society, 2005, 25, 2289-2293.	5.7	22
15	Enhancement of oxygen surface exchange kinetics of SrTiO3 by alkaline earth metal oxides. Physical Chemistry Chemical Physics, 2005, 7, 3523.	2.8	22
16	Sr(Ti, Fe)O3-Î´ Exhaust Gas Sensors. Materials Research Society Symposia Proceedings, 2004, 828, 135.	0.1	0
17	Annealing Effects on Structural and Dielectric Properties of Tunable BZT Thin Films. Journal of Electroceramics, 2004, 13, 229-233.	2.0	20
18	Processing and properties of BST thin films for tunable microwave devices. Journal of the European Ceramic Society, 2004, 24, 1735-1739.	5.7	49

#	Article	IF	Citations
19	Dielectric properties and tunability of BST and BZT thick films for microwave applications. Integrated Ferroelectrics, 2001, 39, 383-392.	0.7	20
20	Materials for temperature independent resistive oxygen sensors for combustion exhaust gas control. Sensors and Actuators B: Chemical, 2000, 67, 178-183.	7.8	127
21	High temperature oxygen sensors based on doped SrTiO3. Sensors and Actuators B: Chemical, 1999, 59, 184-189.	7.8	197