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	Electronic Structure, Defect Chemistry, and Transport Properties of SrTi1-xFexO3-ySolid Solutions. Chemistry of Materials, 2006, 18, 3651-3659.	6.7	220
2	High temperature oxygen sensors based on doped SrTiO3. Sensors and Actuators B: Chemical, 1999, 59, 184-189.	7.8	197
3	Materials for temperature independent resistive oxygen sensors for combustion exhaust gas control. Sensors and Actuators B: Chemical, 2000, 67, 178-183.	7.8	127
4	Temperature-independent resistive oxygen sensors based on SrTi1â^'xFexO3â^'Î´ solid solutions. Sensors and Actuators B: Chemical, 2005, 108, 223-230.	7.8	102
5	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
6	Processing and properties of BST thin films for tunable microwave devices. Journal of the European Ceramic Society, 2004, 24, 1735-1739.	5.7	49
7	BSCF epitaxial thin films: Electrical transport and oxygen surface exchange. Solid State Ionics, 2010, 181, 602-608.	2.7	37
8	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
9	Investigation of BZT thin films for tunable microwave applications. Journal of the European Ceramic Society, 2005, 25, 2289-2293.	5.7	22
10	Enhancement of oxygen surface exchange kinetics of SrTiO3 by alkaline earth metal oxides. Physical Chemistry Chemical Physics, 2005, 7, 3523.	2.8	22
11	Dielectric properties and tunability of BST and BZT thick films for microwave applications. Integrated Ferroelectrics, 2001, 39, 383-392.	0.7	20
12	Annealing Effects on Structural and Dielectric Properties of Tunable BZT Thin Films. Journal of Electroceramics, 2004, 13, 229-233.	2.0	20
13	Nonlinear ceramics for tunable microwave devices part I: materials properties and processing. Microsystem Technologies, 2011, 17, 203-211.	2.0	18
14	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
15	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
16	Study of the oxygen incorporation and diffusion in Sr(Ti0.65Fe0.35)O3 ceramics. Solid State Ionics, 2011, 192, 9-11.	2.7	13
17	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
18	Characterization of oxygen-dependent stability of selected mixed-conducting perovskite oxides. Solid State Ionics, 2015, 273, 41-45.	2.7	11

#	Article	IF	Citations
19	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
20	(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
21	Sr(Ti, Fe)O3-Î´ Exhaust Gas Sensors. Materials Research Society Symposia Proceedings, 2004, 828, 135.	0.1	0