

Vincenzo Esposito

List of Publications by Year in descending order

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149
papers

3,376
citations

172386
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168
all docs

168
docs citations

168
times ranked

4032
citing authors

#	ARTICLE	IF	CITATIONS
1	Solid solution enhanced electrostriction in the YSZ-GDC system. <i>Open Ceramics</i> , 2022, 9, 100206.	1.0	1
2	Hybrid-3D printing of symmetric solid oxide cells by inkjet printing and robocasting. <i>Additive Manufacturing</i> , 2022, 51, 102636.	1.7	5
3	2022 roadmap on 3D printing for energy. <i>JPhys Energy</i> , 2022, 4, 011501.	2.3	17
4	Enhanced electromechanical properties in low-temperature gadolinium-doped ceria composites with low-dimensional carbon allotropes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 4024-4031.	5.2	4
5	Induced giant piezoelectricity in centrosymmetric oxides. <i>Science</i> , 2022, 375, 653-657.	6.0	59
6	The effect of external stimuli on the performance of memristive oxides. , 2022, , 361-398.		0
7	High-performance electrostrictor oxide thin films. , 2022, , 449-467.		0
8	Electrostrictive Ceramics and Their Applications. , 2021, , 369-374.		3
9	SARS-CoV-2 and inflammatory responses: From mechanisms to the potential therapeutic use of intravenous immunoglobulin. <i>Journal of Medical Virology</i> , 2021, 93, 2654-2661.	2.5	7
10	Electromechanically active pair dynamics in a Gd-doped ceria single crystal. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 11233-11239.	1.3	5
11	Existence results for the mixed Cauchy-Dirichlet problem for a class of hyperbolic operators. <i>Annali Di Matematica Pura Ed Applicata</i> , 2021, 200, 2235-2262.	0.5	0
12	The role of dalbavancin for Gram positive infections in the COVID-19 era: state of the art and future perspectives. <i>Expert Review of Anti-Infective Therapy</i> , 2021, 19, 1125-1134.	2.0	11
13	Nonlinear Photoelectric Properties by Strained MoS ₂ and SnO ₂ Core-Shell Nanotubes for Flexible Visible Light Photodetectors. <i>Advanced Materials Technologies</i> , 2021, 6, 2001105.	3.0	4
14	Low-temperature synthesis of bismuth titanate by modified citrate amorphous method. <i>Ceramics International</i> , 2021, 47, 12130-12136.	2.3	3
15	Degradation Mechanisms of Metal-Supported Solid Oxide Cells and Countermeasures: A Review. <i>Materials</i> , 2021, 14, 3139.	1.3	17
16	Hybrid inks for 3D printing of tall BaTiO ₃ -based ceramics. <i>Open Ceramics</i> , 2021, 6, 100110.	1.0	6
17	Gigantic electro-chemo-mechanical properties of nanostructured praseodymium doped ceria. <i>Nanoscale</i> , 2021, 13, 7583-7589.	2.8	5
18	Leptomeningeal disease and brain control after postoperative stereotactic radiosurgery with or without immunotherapy for resected brain metastases. , 2021, 9, e003730.		8

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19	Mass diffusion phenomena in cerium oxide. , 2020, , 169-210.		4
20	Assembling Niâ€Fe Layered Double Hydroxide 2D Thin Films for Oxygen Evolution Electrodes. ACS Applied Energy Materials, 2020, 3, 1017-1026.	2.5	19
21	Electro-chemo-mechanical properties in nanostructured Ca-doped ceria (CDC) by field assisted sintering. Scripta Materialia, 2020, 187, 183-187.	2.6	11
22	On the Cauchy problem for a class of hyperbolic operators with triple characteristics. Ricerche Di Matematica, 2020, , 1.	0.6	1
23	Electrochemical Response of Highly Porous Percolative CGO Electrospun Membranes. Catalysts, 2020, 10, 756.	1.6	0
24	The Cauchyâ€Neumann and Cauchyâ€Robin problems for a class of hyperbolic operators with double characteristics in presence of transition. Journal of Pseudo-Differential Operators and Applications, 2020, 11, 1991-2022.	0.3	0
25	Atomic-scale insights into electro-steric substitutional chemistry of cerium oxide. Physical Chemistry Chemical Physics, 2020, 22, 21900-21908.	1.3	6
26	Electrical conductivity of nanostructured acceptor-doped ceria fabricated by spark plasma sintering (SPS). Materials Letters, 2020, 279, 128513.	1.3	7
27	Metastability at Defective Metal Oxide Interfaces and Nanoconfined Structures. Advanced Materials Interfaces, 2020, 7, 1902090.	1.9	20
28	The role of oxygen defects on the electro-chemo-mechanical properties of highly defective gadolinium doped ceria. Materials Letters, 2020, 266, 127490.	1.3	14
29	Effect of cold sintering process (CSP) on the electro-chemo-mechanical properties of Gd-doped ceria (GDC). Journal of the European Ceramic Society, 2020, 40, 5612-5618.	2.8	20
30	Electro-chemo-mechanical effect in Gd-doped ceria thin films with a controlled orientation. Journal of Materials Chemistry A, 2020, 8, 14023-14030.	5.2	17
31	Tuning the resistive switching in tantalum oxide-based memristors by annealing. AIP Advances, 2020, 10, .	0.6	4
32	Effect of high oxygen deficiency in nano-confined bismuth sesquioxide. JPhys Energy, 2020, 2, 024010.	2.3	1
33	Exsolution of Nickel Nanoparticles from Mixedâ€Valence Metal Oxides: A Quantitative Evaluation by Magnetic Measurements. Particle and Particle Systems Characterization, 2020, 37, 1900472.	1.2	6
34	Could HIV infection alter the clinical course of SARSâ€CoVâ€2 infection? When less is better. Journal of Medical Virology, 2020, 92, 1777-1778.	2.5	59
35	Enhanced Electromechanical Response in Sm and Nd Co-doped Ceria. Materialia, 2020, 12, 100728.	1.3	13
36	Electromechanical dopantâ€defect interaction in acceptor-doped ceria. Materials Advances, 2020, 1, 2717-2720.	2.6	10

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37	Enhanced electro-mechanical coupling of TiN/Ce _{0.8} Gd _{0.2} O _{1.9} thin film electrostrictor. APL Materials, 2019, 7, .	2.2	14
38	A priori estimates in Sobolev spaces for a class of hyperbolic operators in presence of transition. Journal of Hyperbolic Differential Equations, 2019, 16, 245-270.	0.3	2
39	Highly porous Ce ^W Ti ₂ free-standing electrospun catalytic membranes for efficient de-NO _x ammonia selective catalytic reduction. Environmental Science: Nano, 2019, 6, 94-104.	2.2	10
40	The role of oxide interfaces in highly confined electronic and ionic conductors. APL Materials, 2019, 7, 013101.	2.2	13
41	Electrochemical stability of (La,Sr)CoO ₃ in (La,Sr)CoO ₃ /(Ce, Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.8	11
42	Tuning diffusion paths in shaped ceria nanocrystals. CrystEngComm, 2019, 21, 4025-4029.	1.3	7
43	Effect of oxygen defects blocking barriers on gadolinium doped ceria (GDC) electro-chemo-mechanical properties. Acta Materialia, 2019, 174, 53-60.	3.8	34
44	Gd _{0.2} Ce _{0.8} O _{1.9} /Y _{0.16} Zr _{0.84} O _{1.92} nanocomposite thin films for low temperature ionic conductivity. Journal of Physics and Chemistry of Solids, 2019, 132, 162-171.	1.9	5
45	Stereotactic radiosurgery combined with nivolumab or Ipilimumab for patients with melanoma brain metastases: evaluation of brain control and toxicity. , 2019, 7, 102.		87
46	Impact of cation redox chemistry on continuous hydrothermal synthesis of 2D-Ni(Co/Fe) hydroxides. Reaction Chemistry and Engineering, 2019, 4, 2060-2073.	1.9	3
47	Tuning the stoichiometry and electrical properties of tantalum oxide thin films. Applied Surface Science, 2019, 470, 1071-1074.	3.1	19
48	Printing of NiO-YSZ nanocomposites: From continuous synthesis to inkjet deposition. Journal of the European Ceramic Society, 2019, 39, 1279-1286.	2.8	9
49	Zirconia nano-colloids transfer from continuous hydrothermal synthesis to inkjet printing. Journal of the European Ceramic Society, 2019, 39, 2-8.	2.8	17
50	Nucleation front instability in two-dimensional (2D) nanosheet gadolinium-doped cerium oxide (CGO) formation. CrystEngComm, 2018, 20, 1405-1410.	1.3	5
51	Stoichiometric control in Bi ₄ Ti ₃ O ₁₂ synthesis by novel hybrid solid state reaction. Materials Letters, 2018, 221, 101-103.	1.3	10
52	Thermochemical stability of zirconia-titanium nitride as mixed ionic-electronic composites. Ceramics International, 2018, 44, 8440-8446.	2.3	4
53	Effects of treatment with Maraviroc a CCR5 inhibitor on a human hepatic stellate cell line. Journal of Cellular Physiology, 2018, 233, 6224-6231.	2.0	33
54	Zirconia UV-curable colloids for additive manufacturing via hybrid inkjet printing-stereolithography. Materials Letters, 2018, 215, 214-217.	1.3	19

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55	Continuous hydrothermal flow synthesis of Gd-doped CeO ₂ (<scp>GDC</scp>) nanoparticles for inkjet printing of <scp>SOFC</scp> electrolytes. International Journal of Applied Ceramic Technology, 2018, 15, 315-327.	1.1	12
56	Amorphous saturated cerium-tungsten-titanium oxide nanofiber catalysts for NO _x selective catalytic reaction. New Journal of Chemistry, 2018, 42, 9501-9509.	1.4	10
57	Effects of accelerated degradation on metal supported thin film-based solid oxide fuel cells. Journal of Materials Chemistry A, 2018, 6, 7887-7896.	5.2	18
58	Effect of the sol-gel conditions on the morphology and SCR performance of electrospun V-W-TiO ₂ catalysts. Journal of Physics and Chemistry of Solids, 2018, 118, 255-261.	1.9	12
59	Effect of spherical porosity on co-fired dense/porous zirconia bi-layers cambering. Journal of the European Ceramic Society, 2018, 38, 173-179.	2.8	5
60	Near interface ionic transport in oxygen vacancy stabilized cubic zirconium oxide thin films. Physical Chemistry Chemical Physics, 2018, 20, 26068-26071.	1.3	6
61	Electric field-assisted pressureless sintering gadolinium-, yttrium- and samarium-doped barium cerate. Scripta Materialia, 2018, 156, 6-9.	2.6	5
62	Enhanced densification of thin tape cast Ceria-Gadolinium Oxide (CGO) layers by rheological optimization of slurries. Ceramics International, 2017, 43, 5647-5653.	2.3	15
63	Outcomes of postoperative stereotactic radiosurgery to the resection cavity versus stereotactic radiosurgery alone for melanoma brain metastases. Journal of Neuro-Oncology, 2017, 132, 455-462.	1.4	38
64	Aqueous metal-organic solutions for YSZ thin film inkjet deposition. Journal of Materials Chemistry C, 2017, 5, 6021-6029.	2.7	32
65	NO _x selective catalytic reduction (SCR) on self-supported V-W-doped TiO ₂ nanofibers. New Journal of Chemistry, 2017, 41, 3466-3472.	1.4	24
66	Low Temperature Synthesis and Properties of Gadolinium-Doped Cerium Oxide Nanoparticles. ECS Transactions, 2017, 78, 387-394.	0.3	4
67	Oxygen permeation and stability study of (La _{0.6} Ca _{0.4}) _{0.98} (Co _{0.8} Fe _{0.2})O _{3-δ} membranes. Journal of Membrane Science, 2017, 542, 245-253.	4.1	10
68	3D-printed barium titanate/poly-(vinylidene fluoride) nano-hybrids with anisotropic dielectric properties. Journal of Materials Chemistry C, 2017, 5, 12430-12440.	2.7	33
69	Ex-situ tracking solid oxide cell electrode microstructural evolution in a redox cycle by high resolution ptychographic nanotomography. Journal of Power Sources, 2017, 360, 520-527.	4.0	20
70	Nucleophilic stabilization of water-based reactive ink for titania-based thin film inkjet printing. Journal of Physics and Chemistry of Solids, 2017, 101, 10-17.	1.9	16
71	When two become one: An insight into 2D conductive oxide interfaces. Journal of Electroceramics, 2017, 38, 1-23.	0.8	46
72	Releasing cation diffusion in self-limited nanocrystalline defective ceria thin films. RSC Advances, 2017, 7, 13784-13788.	1.7	9

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73	Different Cell Cycle Modulation in SKOV-3 Ovarian Cancer Cell Line by Anti-HIV Drugs. <i>Oncology Research</i> , 2017, 25, 1617-1624.	0.6	21
74	On hyperbolic equations with double characteristics in the presence of transition. <i>Boundary Value Problems</i> , 2016, 2016, .	0.3	5
75	High ionic conductivity in confined bismuth oxide-based heterostructures. <i>APL Materials</i> , 2016, 4, .	2.2	25
76	The Cauchy-Dirichlet problem for a class of hyperbolic operators with double characteristics in the presence of transition. <i>Journal of Mathematical Analysis and Applications</i> , 2016, 442, 149-170.	0.5	5
77	Design and optimization of porous ceramic supports for asymmetric ceria-based oxygen transport membranes. <i>Journal of Membrane Science</i> , 2016, 513, 85-94.	4.1	31
78	Accelerated ceria-zirconia solubilization by cationic diffusion inversion at low oxygen activity. <i>Journal of Materials Chemistry A</i> , 2016, 4, 16871-16878.	5.2	38
79	Single-Fraction Versus Multifraction (3 Å– 9 ÅGy) Stereotactic Radiosurgery for Large (>2 Åcm) Brain Metastases: A Comparative Analysis of Local Control and Risk of Radiation-Induced Brain Necrosis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1142-1148.	0.4	344
80	Energy estimates for the Cauchy problem associated to a class of hyperbolic operators with double characteristics in presence of transition. <i>Ricerche Di Matematica</i> , 2015, 64, 243-249.	0.6	5
81	Different Impact Of Antiretroviral Drugs On Bone Differentiation In An In Vitro Model. <i>Journal of Cellular Biochemistry</i> , 2015, 116, 2188-2194.	1.2	24
82	Solid-oxide fuel cells. , 2015, , 443-478.		3
83	Enhancement of the chemical stability in confined Bi ₂ O ₃ . <i>Nature Materials</i> , 2015, 14, 500-504.	13.3	148
84	New results on the cauchy problem for a class of hyperbolic equations in the half-space. <i>AIP Conference Proceedings</i> , 2015, , .	0.3	3
85	Fast mass interdiffusion in ceria/alumina composite. <i>Journal of Materials Chemistry A</i> , 2015, 3, 17135-17143.	5.2	24
86	Effect of chemical redox on Gd-doped ceria mass diffusion. <i>Journal of Materials Chemistry A</i> , 2015, 3, 18835-18838.	5.2	23
87	Modeling constrained sintering of bi-layered tubular structures. <i>Journal of the European Ceramic Society</i> , 2015, 35, 941-950.	2.8	10
88	Instability of supercritical porosity in highly doped ceria under reduced oxygen partial pressure. <i>Scripta Materialia</i> , 2015, 94, 13-16.	2.6	6
89	Fabrication of thin yttria-stabilized-zirconia dense electrolyte layers by inkjet printing for high performing solid oxide fuel cells. <i>Journal of Power Sources</i> , 2015, 273, 89-95.	4.0	70
90	Different impact of anti-retroviral regimen containing protease inhibitors on development of HIV-related Kaposi sarcoma. <i>In Vivo</i> , 2015, 29, 133-6.	0.6	3

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91	Interferon gamma release assays and tuberculin skin test performance in different settings of HIV immunodeficiency. <i>In Vivo</i> , 2015, 29, 137-40.	0.6	2
92	Aortic Valve Endocarditis Caused by <i>Abiotrophia defectiva</i> : Case Report and Literature Overview. <i>In Vivo</i> , 2015, 29, 515-8.	0.6	7
93	A global existence and uniqueness result for a class of hyperbolic operators. <i>Ricerche Di Matematica</i> , 2014, 63, 25-40.	0.6	9
94	Densification of Highly Defective Ceria by High Temperature Controlled Re-Oxidation. <i>Journal of the Electrochemical Society</i> , 2014, 161, F3072-F3078.	1.3	27
95	In situ characterization of delamination and crack growth of a CGO/LSM multi-layer ceramic sample investigated by X-ray tomographic microscopy. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3019-3025.	2.8	3
96	Densification of Ce _{0.9} Gd _{0.1} O _{1.95} barrier layer by in-situ solid state reaction. <i>Journal of Power Sources</i> , 2014, 266, 393-400.	4.0	20
97	Effects of co-sintering in self-standing CGO/YSZ and CGO/ScYSZ dense bi-layers. <i>Journal of Materials Science</i> , 2014, 49, 5324-5333.	1.7	22
98	Viscoelastic properties of doped-ceria under reduced oxygen partial pressure. <i>Scripta Materialia</i> , 2014, 75, 82-85.	2.6	18
99	Structural instability and electrical properties in epitaxial Er ₂ O ₃ -stabilized Bi ₂ O ₃ thin films. <i>Solid State Ionics</i> , 2014, 266, 13-18.	1.3	21
100	Porous La _{0.6} Sr _{0.4} CoO ₃ thin film cathodes for large area micro solid oxide fuel cell power generators. <i>Journal of Power Sources</i> , 2014, 248, 1042-1049.	4.0	42
101	Densification and grain growth kinetics of Ce _{0.9} Gd _{0.1} O _{1.95} in tape cast layers: The influence of porosity. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2371-2379.	2.8	22
102	Sintering and grain growth kinetics in La _{0.85} Sr _{0.15} MnO ₃ -Ce _{0.9} Gd _{0.1} O _{1.95} (LSM/CGO) porous composite. <i>Journal of the European Ceramic Society</i> , 2014, 34, 3769-3778.	2.8	18
103	Exposure to submicron particles (PM _{1.0}) from diesel exhaust and pollen allergens of human lung epithelial cells induces morphological changes of mitochondria tonofilaments and rough endoplasmic reticulum. <i>In Vivo</i> , 2014, 28, 557-61.	0.6	10
104	Densification and grain growth during sintering of porous Ce _{0.9} Gd _{0.1} O _{1.95} tape cast layers: A comprehensive study on heuristic methods. <i>Journal of the European Ceramic Society</i> , 2013, 33, 2529-2537.	2.8	35
105	Enhanced mass diffusion phenomena in highly defective doped ceria. <i>Acta Materialia</i> , 2013, 61, 6290-6300.	3.8	67
106	Sintering of Multilayered Porous Structures: Part I—Constitutive Models. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2657-2665.	1.9	26
107	The effect of forming stresses on the sintering of ultra-fine Ce _{0.9} Gd _{0.1} O ₂ powders. <i>Journal of the European Ceramic Society</i> , 2013, 33, 1289-1296.	2.8	29
108	Modeling Sintering of Multilayers Under Influence of Gravity. <i>Journal of the American Ceramic Society</i> , 2013, 96, 80-89.	1.9	26

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109	Sintering of Multilayered Porous Structures: Part II "Experiments and Model Applications. Journal of the American Ceramic Society, 2013, 96, 2666-2673.	1.9	27
110	Sintering process optimization for multi-layer CGO membranes by in situ techniques. Journal of the European Ceramic Society, 2013, 33, 549-556.	2.8	17
111	Camber Evolution and Stress Development of Porous Ceramic Bilayers During Co-Firing. Journal of the American Ceramic Society, 2013, 96, 972-978.	1.9	29
112	Strain induced ionic conductivity enhancement in epitaxial Ce _{0.9} Gd _{0.1} O _{2-δ} thin films. Applied Physics Letters, 2012, 100, .	1.5	36
113	Morphology changes in human lung epithelial cells after exposure to diesel exhaust micron sub particles (PM _{1.0}) and pollen allergens. Environmental Pollution, 2012, 171, 162-167.	3.7	46
114	Chemical stability of La _{0.6} Sr _{0.4} CoO _{3-δ} in oxygen permeation applications under exposure to N ₂ and CO ₂ . Solid State Ionics, 2012, 227, 46-56.	1.3	23
115	Inflammatory effects on human lung epithelial cells after exposure to diesel exhaust micron sub particles (PM _{1.0}) and pollen allergens. Environmental Pollution, 2012, 161, 64-69.	3.7	40
116	Electrochemical properties of dense (La, Sr)MnO _{3-δ} films produced by pulsed laser deposition. Solid State Ionics, 2012, 217, 54-61.	1.3	17
117	The effects of thermal annealing on the structure and the electrical transport properties of ultrathin gadolinia-doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2011, 104, 845-850.	1.1	2
118	Nanostructured PLD-grown gadolinia doped ceria: Chemical and structural characterization by transmission electron microscopy techniques. Applied Surface Science, 2011, 257, 5341-5346.	3.1	11
119	Electrical characterization of gadolinia-doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2010, 101, 601-607.	1.1	16
120	Development and characterization of cellulose-based hydrogels for use as dietary bulking agents. Journal of Applied Polymer Science, 2010, 115, 1438-1444.	1.3	39
121	Enhancement of Ionic Conductivity in Sm-Doped Ceria/Yttria-Stabilized Zirconia Heteroepitaxial Structures. Small, 2010, 6, 1863-1867.	5.2	96
122	Novel Y _{2-x} Pr _x Ru ₂ O ₇ ($x=0-2$) Pyrochlore Oxides Prepared Using a Soft Chemistry Route and their Electrical Properties. Journal of the American Ceramic Society, 2010, 93, 1970-1977.	1.9	19
123	Enhanced conductivity in pulsed laser deposited Ce _{0.9} Gd _{0.1} O _{2-δ} /SrTiO ₃ heterostructures. Applied Physics Letters, 2010, 97, 143110.	1.5	14
124	Electrical characterization of gadolinia doped ceria films grown by pulsed laser deposition. Applied Physics A: Materials Science and Processing, 2010, 101, 601.	1.1	1
125	Nafion-Mesoporous Silica as Electrolyte for Ethanol Fuel Cells. ECS Transactions, 2009, 25, 853-860.	0.3	2
126	Fabrication and Electrochemical Properties of Epitaxial Samarium-Doped Ceria Films on SrTiO ₃ -Buffered MgO Substrates. Advanced Functional Materials, 2009, 19, 1713-1719.	7.8	94

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127	Master sintering curve for Gd-doped CeO ₂ solid electrolytes. Journal of Thermal Analysis and Calorimetry, 2009, 97, 143-147.	2.0	28
128	A wet-chemical route for the preparation of Ni _{1-x} BaCe _{0.9} Y _{0.1} O _{3-δ} cermet anodes for IT-SOFCs. Solid State Ionics, 2009, 180, 715-720.	1.3	44
129	Improved total conductivity of nanometric samaria-doped ceria powders sintered with molten LiNO ₃ additive. Solid State Ionics, 2009, 180, 1069-1075.	1.3	56
130	A Soft Chemistry Route for the Synthesis of Nanostructured Pb ₂ Ru ₂ O _{6.5} with a Controlled Stoichiometry. Journal of the American Ceramic Society, 2008, 91, 437-443.	1.9	3
131	Design of Electroceramics for Solid Oxide Fuel Cell Applications: Playing with Ceria. Journal of the American Ceramic Society, 2008, 91, 1037-1051.	1.9	221
132	Cathode Performance of Nanostructured La _{1-x} Sr _x Co _{1-b} Fe _b O _{3-x} on a Ce _{0.8} Sm _{0.2} O ₂ Electrolyte Prepared by Citrate-Nitrate Autocombustion. Journal of the Electrochemical Society, 2007, 154, A89.	1.3	29
133	Fabrication of Ce _{1-x} Gd _x O _{2-0.5x} Electrolytes with Tunable Dense Microstructures for IT-SOFC Applications. ECS Transactions, 2007, 7, 2093-2101.	0.3	1
134	Ceria-Based Thin Film Hetero-structure Growth and Characterization for SOFC Applications. ECS Transactions, 2007, 7, 891-898.	0.3	2
135	Applicability of Bi ₂ Ru ₂ O ₇ Pyrochlore Electrodes for ESB and BIMEVOX Electrolytes. Journal of the Electrochemical Society, 2006, 153, A2232.	1.3	25
136	Chemical vapor deposition of multi-walled carbon nanotubes from nickel/yttria-stabilized zirconia catalysts. Applied Physics A: Materials Science and Processing, 2006, 84, 271-276.	1.1	28
137	Bi ₂ Ru ₂ O ₇ Pyrochlore Electrodes for Bi ₂ O ₃ Based Electrolyte for IT-SOFC Applications. ECS Transactions, 2006, 1, 263-277.	0.3	4
138	Synthesis and Characterization of Y ₂ Ru ₂ O ₇ and Y ₂ XPrXRu ₂ O ₇ for Cathode Application in Intermediate Temperature Solid Oxide Fuel Cells. ECS Transactions, 2006, 1, 255-261.	0.3	6
139	Mixed Ionic-Electronic YSZ/Ni Composite for SOFC Anodes with High Electrical Conductivity. Journal of the Electrochemical Society, 2006, 153, A354.	1.3	23
140	Synthesis, Characterization, and Densification of Samaria Doped Ceria Ultra-Fine Powders. ECS Transactions, 2006, 1, 35-50.	0.3	2
141	Electrode Performance of Nanostructured La _{1-x} Sr _x Co _{1-b} Fe _b O _{3-x} on a Ce _{0.8} Sm _{0.2} O ₂ Electrolyte Prepared by Citrate-Nitrate Auto-Combustion. ECS Transactions, 2006, 1, 219-232.	0.3	2
142	Electrical properties of YSZ/NiO composites prepared by a liquid mixture technique. Journal of the European Ceramic Society, 2005, 25, 2637-2641.	2.8	50
143	Alternative Chemical Route to Mesoporous Titania From a Titanatrane Complex. Journal of Materials Research, 2005, 20, 128-134.	1.2	12
144	Pb ₂ Ru ₂ O _{6.5} as a Low-Temperature Cathode for Bismuth Oxide Electrolytes. Journal of the Electrochemical Society, 2005, 152, A2300.	1.3	22

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145	Preparation and Electrochemical Characterization of Perovskite/YSZ Ceramic Films. Journal of the Electrochemical Society, 2005, 152, A88.	1.3	25
146	Composite Mesoporous Titania Nafion-Based Membranes for Direct Methanol Fuel Cell Operation at High Temperature. Journal of the Electrochemical Society, 2005, 152, A1373.	1.3	71
147	RuO ₂ -Based Dense Electrodes for ESB Electrolyte IT-SOFCs. ECS Proceedings Volumes, 2005, 2005-07, 1764-1770.	0.1	1
148	Preparation and characterization of lead ruthenate based composite cathodes for SOFC applications. Materials Research Society Symposia Proceedings, 2004, 835, K8.10.1.	0.1	1
149	New Chemical Routes for Preparation of Ultrafine NiO-YSZ Powders for SOFC Anode Applications. ECS Proceedings Volumes, 2003, 2003-07, 643-652.	0.1	1