

Kent Kammer Hansen

List of Publications by Year in descending order

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127
papers

2,110
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236612

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#	ARTICLE	IF	CITATIONS
1	Thermal properties of $(\text{Gd}_{0.6}\text{Sr}_{0.4})_{0.99}\text{Fe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$ cathodes for intermediate temperature solid oxide fuel cells. <i>Ceramics International</i> , 2021, 47, 5407-5414.	2.3	1
2	Evaluation of LSF based SOFC cathodes using cone-shaped electrodes and EIS. <i>Solid State Ionics</i> , 2020, 344, 115096.	1.3	28
3	EIS measurements on porous cell stacks with an $\text{La}_{0.85}\text{Sr}_{0.15}\text{Co}_x\text{Mn}_{1-x}\text{O}_3$ ($x=0, 0.01, 0.03$ and 0.05) - $\text{Ce}_{0.9}\text{Gd}_{0.1}\text{O}_{1.95}$ backbone in an atmosphere containing NO_x . <i>International Journal of Electrochemical Science</i> , 2020, , 3578-3592.	0.5	1
4	$\text{Ce}_{1-x}\text{Pr}_x\text{O}_{2-d}$ ($x = 0.1, 0.2, 0.3$ and 0.4) as Suspended Catalysts in a Hybrid Direct Carbon Fuel Cell. <i>International Journal of Electrochemical Science</i> , 2020, , 9294-9299.	0.5	0
5	Cathode Supported Hybrid Direct Carbon Fuel Cells with Different Anodes. <i>International Journal of Electrochemical Science</i> , 2020, , 6035-6040.	0.5	0
6	Electrochemical Reduction of Oxygen and Nitric Oxide on Mn-Based Perovskites with Different A-Site Cations. <i>International Journal of Electrochemistry</i> , 2020, 2020, 1-6.	2.4	2
7	Facilitating oxygen reduction by silver nanoparticles on lanthanum strontium ferrite cathode. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 609-621.	1.2	8
8	Activation/Deactivation Phenomena in the Electrochemical Reduction of O_2 and NO on $\text{La}_{1-x}\text{Sr}_x\text{Co}_{0.6}\text{Fe}_{0.1}\text{O}_{3-\delta}$ Electrochemistry, 2020, 88, 146-150.	0.6	1
9	A study of $\text{La}_{1-x}\text{Sr}_x\text{CoO}_{3-\delta}$ SOFC Cathodes using Cone-shaped Electrodes and EIS. <i>International Journal of Electrochemical Science</i> , 2020, 15, 12030-12040.	0.5	1
10	Silver Modified Cathodes for Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2019, 166, F79-F88.	1.3	16
11	Highly porous $\text{Ce}_{1-x}\text{W}_x\text{TiO}_2$ free-standing electrospun catalytic membranes for efficient de- NO_x ammonia selective catalytic reduction. <i>Environmental Science: Nano</i> , 2019, 6, 94-104.	2.2	10
12	Corrosion Study of Cr-Oxide Ceramics Using Rotating Ring Disk Electrode. <i>Journal of the Electrochemical Society</i> , 2019, 166, C3159-C3169.	1.3	0
13	Effect of cobalt on the activity of dual phase $(\text{Gd}_{0.6}\text{Sr}_{0.4})_{0.99}\text{Fe}_{1-x}\text{Co}_x\text{O}_{3-\delta}$ SOFC cathodes. <i>Journal of Solid State Electrochemistry</i> , 2019, 23, 965-970.	1.2	3
14	NO_x conversion in $\text{La}_{0.85}\text{Sr}_{0.15}\text{Co}_{0.03}\text{Mn}_{0.97}\text{O}_{3+\delta}$ - $\text{Ce}_{0.9}\text{Gd}_{0.1}\text{O}_{1.95}$ porous cell stacks infiltrated with Pt. <i>Journal of Electroceramics</i> , 2019, 42, 1-8.	0.8	1
15	Silver Exsolution-Enhanced Electrical Properties of Lanthanum-Based Perovskites. <i>Journal of Materials Science and Engineering A</i> , 2019, 9, .	0.0	1
16	Studies of A-site Deficient $(\text{Gd}_{0.6}\text{Sr}_{0.4})_{0.99}\text{Fe}_{0.8}\text{Co}_{0.2}\text{O}_{3-\delta}$ Cathodes in SOFCs. <i>Fuel Cells</i> , 2018, 18, 96-100.	1.5	1
17	Amorphous saturated cerium-tungsten-titanium oxide nanofiber catalysts for NO_x selective catalytic reaction. <i>New Journal of Chemistry</i> , 2018, 42, 9501-9509.	1.4	10
18	Effect of the sol-gel conditions on the morphology and SCR performance of electrospun V-W-TiO ₂ catalysts. <i>Journal of Physics and Chemistry of Solids</i> , 2018, 118, 255-261.	1.9	12

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19	Activation/Deactivation Phenomena in the Electrochemical Reduction of Nitric oxide and Oxygen on LSM perovskites. International Journal of Electrochemical Science, 2018, 13, 4782-4791.	0.5	4
20	Cr- and Ti-Based Spinel as Materials for Anodic Catalyst Support in PEM Electrolysis Cells: Assessing Corrosion Stability and Support Role in Catalyst Activity of Corrosion Stable Ceramics. ECS Transactions, 2018, 85, 65-77.	0.3	2
21	Communication "Perovskite Electrochemical System for Highly Selective NO _x Reduction of Diesel Engine Exhaust. Journal of the Electrochemical Society, 2018, 165, H591-H593.	1.3	8
22	Cathode-supported hybrid direct carbon fuel cells. International Journal of Hydrogen Energy, 2017, 42, 4311-4319.	3.8	13
23	Direct Coal Oxidation in Modified Solid Oxide Fuel Cells. Journal of the Electrochemical Society, 2017, 164, F333-F337.	1.3	5
24	Determination of the Resistance of Cone-Shaped Solid Electrodes. Journal of the Electrochemical Society, 2017, 164, E3035-E3039.	1.3	1
25	Effect of CeO ₂ Addition on Hybrid Direct Carbon Fuel Cell Performance. Journal of the Electrochemical Society, 2017, 164, F328-F332.	1.3	10
26	NO _x selective catalytic reduction (SCR) on self-supported W-doped TiO ₂ nanofibers. New Journal of Chemistry, 2017, 41, 3466-3472.	1.4	24
27	Permeability, strength and electrochemical studies on ceramic multilayers for solid-state electrochemical cells. Heliyon, 2017, 3, e00371.	1.4	2
28	NO _x and propene conversion on La _{0.85} Sr _{0.15} MnO _{3+d} /Ce _{0.9} Gd _{0.1} O _{1.95} symmetrical cells. Journal of Electrochemical Science and Engineering, 2017, , .	1.6	0
29	Cone-Shaped Gd _{1-x} Sr _x Fe _{0.8} Co _{0.2} O _{3-δ} Electrodes for SOFC Cathodes. International Journal of Electrochemical Science, 2017, 12, 11540-11545.	0.5	4
30	Highly selective NO _x reduction for diesel engine exhaust via an electrochemical system. Electrochemistry Communications, 2016, 72, 36-40.	2.3	9
31	New Hypothesis for SOFC Ceramic Oxygen Electrode Mechanisms. ECS Transactions, 2016, 72, 93-103.	0.3	4
32	Influence of pore former on porosity and mechanical properties of Ce _{0.9} Gd _{0.1} O _{1.95} electrolytes for flue gas purification. Ceramics International, 2016, 42, 4546-4555.	2.3	4
33	Effect of pore formers on properties of tape cast porous sheets for electrochemical flue gas purification. Journal of the European Ceramic Society, 2016, 36, 645-653.	2.8	15
34	Hybrid Direct Carbon Fuel Cell Performance With Anode Current Collector Material. Journal of Fuel Cell Science and Technology, 2015, 12, .	0.8	2
35	In Situ Studies of Fe ⁴⁺ Stability in $\text{Li}_3\text{Fe}_2(\text{PO}_4)_3$ Cathodes for Li Ion Batteries. Journal of the Electrochemical Society, 2015, 162, A531-A537.	1.3	13
36	Hybrid direct carbon fuel cell anode processes investigated using a 3-electrode half-cell setup. International Journal of Hydrogen Energy, 2015, 40, 1945-1958.	3.8	15

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37	Effect of Co ₃ O ₄ and Co ₃ O ₄ /CeO ₂ Infiltration on the Catalytic and Electro-catalytic Activity of LSM15/CGO10 Porous Cells Stacks for Oxidation of Propene. <i>Electrochimica Acta</i> , 2015, 159, 23-28.	2.6	2
38	Electrochemical reduction of NO with propene in the presence of oxygen on LSCoM/CGO porous cell stacks impregnated with BaO. <i>Journal of Solid State Electrochemistry</i> , 2015, 19, 1611-1620.	1.2	6
39	Catalytic Enhancement of Carbon Black and Coal-Fueled Hybrid Direct Carbon Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2015, 162, F327-F339.	1.3	21
40	Direct Coal Oxidation in Modified Solid Oxide Fuel Cells. <i>ECS Transactions</i> , 2015, 68, 2685-2694.	0.3	5
41	Enhancing Hybrid Direct Carbon Fuel Cell anode performance using Ag ₂ O. <i>Electrochimica Acta</i> , 2015, 152, 222-239.	2.6	31
42	Effect of Supplied CO-CO ₂ in the Presence of Carbon. <i>Journal of Electrochemical Science and Engineering</i> , 2015, 5, .	1.6	1
43	NO _x Conversion of Porous LSF15-CGO10 Cell Stacks. <i>Journal of New Materials for Electrochemical Systems</i> , 2015, 18, 111-120.	0.3	1
44	Effect of CeO ₂ Infiltration on the Hybrid Direct Carbon Fuel Cell Performance. <i>ECS Transactions</i> , 2014, 61, 255-267.	0.3	4
45	HDCFC Performance as a Function of Anode Atmosphere (N ₂ -CO ₂). <i>Journal of the Electrochemical Society</i> , 2014, 161, F33-F46.	1.3	21
46	Electrochemical Oxidation of Propene with a LSF ₁₅ /CGO ₁₀ Electrochemical Reactor. <i>Journal of the Electrochemical Society</i> , 2014, 161, F323-F331.	1.3	0
47	Removal of NO _x with Porous Cell Stacks with La _{0.85} Sr _{0.15} Co _x Mn _{1-x} O _{3+δ} -Ce _{0.9} Gd _{0.1} O _{1.95} Infiltrated with BaO. <i>Journal of the Electrochemical Society</i> , 2014, 161, H663-H669.	0.3	0
48	Hybrid direct carbon fuel cells and their reaction mechanisms—a review. <i>Journal of Solid State Electrochemistry</i> , 2014, 18, 861-882.	1.2	59
49	Catalytic Enhancement of Solid Carbon Oxidation in HDCFCs. <i>ECS Transactions</i> , 2014, 61, 225-234.	0.3	5
50	High Performance Infiltrated Backbones for Cathode-Supported SOFC's. <i>ECS Transactions</i> , 2014, 64, 41-51.	0.3	8
51	Impedance Spectroscopy and Catalytic Activity Characterization of a La _{0.85} Sr _{0.15} MnO ₃ /Ce _{0.9} Gd _{0.1} O _{1.95} Electrochemical Reactor for the Oxidation of Propene. <i>Electrocatalysis</i> , 2014, 5, 419-425.	1.5	0
52	Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La _{1-x} Sr _x FeO _{3+δ} Cathodes. <i>Electrocatalysis</i> , 2014, 5, 256-261.	1.5	9
53	Fabrication of highly porous LSM/CGO cell stacks for electrochemical flue gas purification. <i>Ceramics International</i> , 2013, 39, 2159-2163.	2.3	9
54	Electrochemical reduction of oxygen and nitric oxide at low temperature on Ce _{1-x} Pr _x O _{2+δ} cathodes. <i>Electrochimica Acta</i> , 2013, 114, 474-477.	2.6	12

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55	Effect of infiltration material on a LSM15/CGO10 electrochemical reactor in the electrochemical oxidation of propene. Journal of Solid State Electrochemistry, 2013, 17, 895-908.	1.2	5
56	Electrochemical reduction of oxygen and nitric oxide at low temperature on $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ cathodes. Materials Research Bulletin, 2013, 48, 3274-3277.	2.7	12
57	Production of a half cell with a LSM/CGO support for electrochemical flue gas purification. Ceramics International, 2013, 39, 8649-8655.	2.3	2
58	Enhancement of NO removal performance for $(\text{La}_{0.85}\text{Sr}_{0.15})_{0.99}\text{MnO}_3/\text{Ce}_{0.9}\text{Gd}_{0.1}\text{O}_{1.95}$ electrochemical cells by NO storage/reduction adsorption layers. Electrochimica Acta, 2013, 90, 482-491.	2.6	32
59	A combined SEM, CV and EIS study of multi-layered porous ceramic reactors for flue gas purification. Ceramics International, 2013, 39, 847-851.	2.3	7
60	Electrochemical NO _x reduction on an LSM/CGO symmetric cell modified by NO _x adsorbents. Journal of Materials Chemistry A, 2013, 1, 7137.	5.2	13
61	Fabrication and Characterization of Multi-Layer Ceramics for Electrochemical Flue Gas Purification. Journal of the Electrochemical Society, 2013, 160, E113-E119.	1.3	5
62	NO _x Reduction on Ag Electrochemical Cells with a K-Pt-Al ₂ O ₃ Adsorption Layer. Journal of the Electrochemical Society, 2013, 160, H294-H301.	1.3	5
63	Characterization of LSM/CGO Symmetric Cells Modified by NO _x Adsorbents for Electrochemical NO _x Removal with Impedance Spectroscopy. Journal of the Electrochemical Society, 2013, 160, H494-H501.	1.3	6
64	Electrochemical Reduction of Oxygen and Nitric oxide at low Temperature on $\text{La}_{1-x}\text{Sr}_x\text{Cr}_{0.97}\text{V}_{0.03}\text{O}_{3-\delta}$ Cathodes. Journal of the Electrochemical Society, 2013, 160, F1254-F1257.	1.3	4
65	Electrochemical Oxidation of Propene by Use of LSM ₁₅ /CGO ₁₀ Electrochemical Reactor. Journal of the Electrochemical Society, 2012, 159, P57-P64.	1.3	5
66	A combined SEM and CV study of solid oxide fuel cell interconnect steels. Journal of Solid State Electrochemistry, 2012, 16, 1399-1404.	1.2	2
67	Optimization of an electrochemical cell with an adsorption layer for NO _x removal. Journal of Solid State Electrochemistry, 2012, 16, 3331-3340.	1.2	6
68	NO _x conversion on LSM15-CGO10 cell stacks with BaO impregnation. Journal of Materials Chemistry, 2012, 22, 11792.	6.7	26
69	Diffuse Reflectance Infrared Fourier Transform Study of NO _x Adsorption on CGO10 Impregnated with K ₂ O or BaO. Journal of Physical Chemistry A, 2012, 116, 2497-2505.	1.1	10
70	NO _x conversion on porous LSF15-CGO10 cell stacks with KNO ₃ or K ₂ O impregnation. Journal of Solid State Electrochemistry, 2012, 16, 2651-2660.	1.2	8
71	Pore former induced porosity in LSM/CGO cathodes for electrochemical cells for flue gas purification. Ceramics International, 2012, 38, 1751-1754.	2.3	9
72	Electrochemical testing of composite electrodes of $(\text{La}_{1-x}\text{Sr}_x)\text{s MnO}_3$ and doped ceria in NO-containing atmosphere. Journal of Solid State Electrochemistry, 2012, 16, 703-714.	1.2	9

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73	Low temperature reduction of NO and O ₂ on A-site deficient (Pr _{0.6} Sr _{0.4}) _{1-x} Fe _{0.8} Co _{0.2} O _{3-δ} perovskites. Journal of Materials Science, 2011, 46, 6457-6460.	1.7	3
74	Optimizing the performance of porous electrochemical cells for flue gas purification using the DOE method. Ceramics International, 2011, 37, 903-911.	2.3	9
75	Improvement of LSM15-CGO10 Electrodes for Electrochemical Removal of NO _x by KNO ₃ and MnO _x Impregnation. Journal of the Electrochemical Society, 2011, 158, P147.	1.3	7
76	Effect of impregnation of La _{0.85} Sr _{0.15} MnO ₃ /yttria stabilized zirconia solid oxide fuel cell cathodes with La _{0.85} Sr _{0.15} MnO ₃ or Al ₂ O ₃ nano-particles. Electrochimica Acta, 2010, 55, 4606-4609.	2.6	24
77	NiCr _x Fe _{2-x} O ₄ as cathode materials for electrochemical reduction of NO _x . Journal of Solid State Electrochemistry, 2010, 14, 157-166.	1.2	13
78	High-performance Fe-Co-based SOFC cathodes. Journal of Solid State Electrochemistry, 2010, 14, 2107-2112.	1.2	10
79	The effect of A-site deficiency on the performance of La _{1-x} Fe _{0.4} Ni _{0.6} O _{3-δ} cathodes. Materials Research Bulletin, 2010, 45, 197-199.	2.7	7
80	Electrochemical reduction of nitrous oxide on La _{1-x} Sr _x FeO ₃ perovskites. Materials Research Bulletin, 2010, 45, 1334-1337.	2.7	8
81	Electrochemical removal of NO _x with porous cell stacks. Materials Research Bulletin, 2010, 45, 1554-1561.	2.7	32
82	Sintering Effect on Material Properties of Electrochemical Reactors Used for Removal of Nitrogen Oxides and Soot Particles Emitted from Diesel Engines. Fuel Cells, 2010, 10, 636-642.	1.5	2
83	Solid state electrochemical DeNO _x —An overview. Applied Catalysis B: Environmental, 2010, 100, 427-432.	10.8	38
84	EIS Measurements on La _[sub 1-x] Sr _[sub x] Co _[sub 1-y] Fe _[sub y] O _[sub 3-δ] Based Composite Electrodes in NO _[sub x] Containing Atmosphere. Journal of the Electrochemical Society, 2010, 157, P107.	1.3	12
85	The Effect of a CGO Barrier Layer on the Performance of LSM/YSZ SOFC Cathodes. Journal of the Electrochemical Society, 2010, 157, B309.	1.3	26
86	Electrochemical Removal of NO _x -Gases by Use of LSM-Cathodes Impregnated with a NO _x Storage Compound. ECS Transactions, 2010, 28, 193-203.	0.3	0
87	Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La _[sub 1-x] Sr _[sub x] CoO _[sub 3-δ] Cathodes. Journal of the Electrochemical Society, 2010, 157, P79.	1.3	12
88	Characterization of (La _[sub 1-x] Sr _[sub x]) _[sub s] MnO _[sub 3] and Doped Ceria Composite Electrodes in NO _[sub x] -Containing Atmosphere with Impedance Spectroscopy. Journal of the Electrochemical Society, 2010, 157, P35.	1.3	28
89	A-Site Deficient (Pr _[sub 0.6] Sr _[sub 0.4]) _[sub 1-x] Fe _[sub 0.8] Co _[sub 0.2] O _[sub 3-δ] Perovskites as Solid Oxide Fuel Cell Cathodes. Journal of the Electrochemical Society, 2009, 156, B1257.	1.3	25
90	The NiFe ₂ O ₄ - MgFe ₂ O ₄ series as electrode materials for electrochemical reduction of NO _x . Journal of Solid State Electrochemistry, 2009, 13, 1241-1250.	1.2	11

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91	Electrochemical reduction of NO on La _{2-x} Sr _x NiO ₄ based electrodes. Journal of Solid State Electrochemistry, 2009, 13, 1529-1534.	1.2	8
92	Characterization of MgMn _x Fe _{2-x} O ₄ as a possible cathode material for electrochemical reduction of NO _x . Journal of Applied Electrochemistry, 2009, 39, 2369-2374.	1.5	9
93	Processing and characterization of porous electrochemical cells for flue gas purification. Ionics, 2009, 15, 427-431.	1.2	17
94	An EIS study of La _{2-x} Sr _x NiO ₄ SOFC cathodes. Ionics, 2009, 15, 325-328.	1.2	21
95	Electrochemical characterization and redox behavior of Nb-doped SrTiO ₃ . Solid State Ionics, 2009, 180, 63-70.	1.3	81
96	Defect and electrical transport properties of Nb-doped SrTiO ₃ . Solid State Ionics, 2008, 179, 2047-2058.	1.3	153
97	Electrochemical reduction of O ₂ and NO on Ni, Pt and Au. Journal of Applied Electrochemistry, 2008, 38, 591-595.	1.5	14
98	Electrochemical reduction of NO and O ₂ on La _{2-x} Sr _x CuO ₄ -based electrodes. Journal of Solid State Electrochemistry, 2008, 12, 1573-1577.	1.2	9
99	Temperature dependence of the cation distribution in measured with high temperature neutron diffraction. Journal of Solid State Chemistry, 2008, 181, 2364-2369.	1.4	29
100	Strontium Titanate-based Composite Anodes for Solid Oxide Fuel Cells. ECS Transactions, 2008, 13, 181-194.	0.3	26
101	Evaluation of LSF based SOFC Cathodes using Cone-shaped Electrodes. ECS Transactions, 2008, 13, 153-160.	0.3	7
102	Conductivity and electrochemical characterization of PrFe _{1-x} Ni _x O ₃ at high temperature. Journal of Alloys and Compounds, 2007, 428, 256-261.	2.8	19
103	Gd _{0.6} Sr _{0.4} Fe _{0.8} Co _{0.2} O ₃ : A Novel Type of SOFC Cathode. Electrochemical and Solid-State Letters, 2007, 10, B119.	2.2	13
104	A-site deficient (La _{0.6} Sr _{0.4}) _{1-x} Fe _{0.8} Co _{0.2} O ₃ perovskites as SOFC cathodes. Solid State Ionics, 2007, 178, 1379-1384.	1.3	96
105	Electrochemical reduction of NO ₂ studied by the use of cone-shaped electrodes. Electrochemistry Communications, 2007, 9, 2721-2724.	2.3	8
106	Synthesis of Nb-doped SrTiO ₃ by a modified glycine-nitrate process. Journal of the European Ceramic Society, 2007, 27, 3609-3612.	2.8	33
107	Influence of BaO in perovskite electrodes for the electrochemical reduction of NO _x . Topics in Catalysis, 2007, 45, 131-135.	1.3	10
108	Spinel as cathodes for the electrochemical reduction of O ₂ and NO. Topics in Catalysis, 2007, 45, 143-148.	1.3	21

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109	Effects of Sr/Ti-ratio in SrTiO ₃ -based SOFC anodes investigated by the use of cone-shaped electrodes. <i>Electrochimica Acta</i> , 2006, 52, 1651-1661.	2.6	47
110	Electrical and electro-chemical characterisation of La _{0.99} Fe _{1-x} Ni _x O ₃ perovskites. <i>Journal of Solid State Electrochemistry</i> , 2006, 10, 934-940.	1.2	23
111	Studies of Fe-Co based perovskite cathodes with different A-site cations. <i>Solid State Ionics</i> , 2006, 177, 1047-1051.	1.3	50
112	A study of Pr _{0.7} Sr _{0.3} Fe _{1-x} Ni _x O ₃ as a cathode material for SOFCs with intermediate operating temperature. <i>Solid State Ionics</i> , 2005, 176, 1013-1020.	1.3	56
113	LSFM perovskites as cathodes for the electrochemical reduction of NO. <i>Solid State Ionics</i> , 2005, 176, 915-920.	1.3	24
114	Charge disproportionation in (X _{0.6} Sr _{0.4}) _{0.99} Fe _{0.8} Co _{0.2} O ₃ perovskites (X=La, Pr, Sm, Gd). <i>Solid State Ionics</i> , 2005, 176, 1555-1561.	1.3	7
115	Electrochemical DeNO _x in solid electrolyte cells – an overview. <i>Applied Catalysis B: Environmental</i> , 2005, 58, 33-39.	10.8	65
116	Oxidation of Methane and Hydrogen on Ce _{1-x} Gd _x O ₂ Fluorites. <i>Electrochemical and Solid-State Letters</i> , 2005, 8, A108.	2.2	6
117	Conversion of Hydrocarbons in Solid Oxide Fuel Cells. <i>Annual Review of Materials Research</i> , 2003, 33, 321-331.	4.3	190
118	Perovskites as Catalysts for the Selective Catalytic Reduction of Nitric Oxide with Propene: Relationship between Solid State Properties and Catalytic Activity. <i>Journal of Catalysis</i> , 2001, 199, 132-140.	3.1	27
119	Electrochemical reduction of NO and O ₂ on Cu/CuO. <i>Journal of Applied Electrochemistry</i> , 2000, 30, 193-200.	1.5	30
120	Electrochemical reduction of NO and O ₂ on oxide based electrodes. <i>Ionics</i> , 2000, 6, 340-345.	1.2	18
121	Electrochemical Exhaust Gas Purification. , 2000, , .		5
122	Perovskites as Cathodes for Nitric Oxide Reduction. <i>Journal of the Electrochemical Society</i> , 2000, 147, 2007.	1.3	46
123	Electrochemical Reactor for Exhaust Gas Purification. , 1999, , .		7
124	Mechanochemical Synthesis of Fe-S Materials. <i>Journal of Solid State Chemistry</i> , 1998, 138, 114-125.	1.4	60
125	Electrochemical Flue Gas Purification: A Review. <i>SAE International Journal of Engines</i> , 0, 14, .	0.4	0
126	Electrochemical Removal of NO _x Using Oxide-Based Electrodes – A Review.. <i>International Journal of Electrochemical Science</i> , 0, , 9273-9280.	0.5	5

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127	Evaluation of strontium substituted lanthanum manganite-based solid oxide fuel cell cathodes using cone-shaped electrodes and electrochemical impedance spectroscopy. Journal of Electrochemical Science and Engineering, 0, , .	1.6	0