

Kent Kammer Hansen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

116
papers

1,768
citations

23
h-index

36
g-index

129
ext. papers

1,907
ext. citations

3.8
avg, IF

5.2
L-index

| # | Paper | IF | Citations |
|-----|---|-----|-----------|
| 116 | 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 | 5.1 | 1 |
| 115 | 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 |
| 114 | Activation/Deactivation Phenomena in the Electrochemical Reduction of O ₂ and NO on $\text{La}_{1-x}\text{Sr}_x\text{FeO}_{3-\delta}$ <i>Electrochemistry</i> , 2020 , 88, 146-150 | 1.2 | |
| 113 | Facilitating oxygen reduction by silver nanoparticles on lanthanum strontium ferrite cathode. <i>Journal of Solid State Electrochemistry</i> , 2020 , 24, 609-621 | 2.6 | 4 |
| 112 | Evaluation of LSF based SOFC cathodes using cone-shaped electrodes and EIS. <i>Solid State Ionics</i> , 2020 , 344, 115096 | 3.3 | 8 |
| 111 | Silver Modified Cathodes for Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2019 , 166, F79-F88 | 3.9 | 12 |
| 110 | Highly porous $\text{Ce}_{0.7}\text{Ti}_{0.3}\text{O}_{2-x}$ free-standing electrospun catalytic membranes for efficient de-NO _x via ammonia selective catalytic reduction. <i>Environmental Science: Nano</i> , 2019 , 6, 94-104 | 7.1 | 8 |
| 109 | Corrosion Study of Cr-Oxide Ceramics Using Rotating Ring Disk Electrode. <i>Journal of the Electrochemical Society</i> , 2019 , 166, C3159-C3169 | 3.9 | |
| 108 | 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 | 2.6 | 3 |
| 107 | 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 | 1.5 | 1 |
| 106 | Studies of A-site Deficient $(\text{Gd}_{0.6}\text{Sr}_{0.4})_{1-x}\text{Fe}_{0.8}\text{Co}_{0.2}\text{O}_{3-\delta}$ Cathodes in SOFCs. <i>Fuel Cells</i> , 2018 , 18, 96-100 | 2.9 | 4 |
| 105 | Amorphous saturated cerium-tungsten-titanium oxide nanofiber catalysts for NO _x selective catalytic reaction. <i>New Journal of Chemistry</i> , 2018 , 42, 9501-9509 | 3.6 | 7 |
| 104 | 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 | 3.9 | 8 |
| 103 | Communication Perovskite Electrochemical System for Highly Selective NO _x Reduction of Diesel Engine Exhaust. <i>Journal of the Electrochemical Society</i> , 2018 , 165, H591-H593 | 3.9 | 7 |
| 102 | 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. <i>ECS Transactions</i> , 2018 , 85, 65-77 | 1 | 2 |
| 101 | Cathode-supported hybrid direct carbon fuel cells. <i>International Journal of Hydrogen Energy</i> , 2017 , 42, 4311-4319 | 6.7 | 7 |
| 100 | Direct Coal Oxidation in Modified Solid Oxide Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F333-F337 | 3.9 | 4 |

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| 99 | Determination of the Resistance of Cone-Shaped Solid Electrodes. <i>Journal of the Electrochemical Society</i> , 2017 , 164, E3035-E3039 | 3.9 | 1 |
| 98 | Effect of CeO ₂ Addition on Hybrid Direct Carbon Fuel Cell Performance. <i>Journal of the Electrochemical Society</i> , 2017 , 164, F328-F332 | 3.9 | 5 |
| 97 | NO _x selective catalytic reduction (SCR) on self-supported V ₂ O ₅ -doped TiO ₂ nanofibers. <i>New Journal of Chemistry</i> , 2017 , 41, 3466-3472 | 3.6 | 22 |
| 96 | Permeability, strength and electrochemical studies on ceramic multilayers for solid-state electrochemical cells. <i>Heliyon</i> , 2017 , 3, e00371 | 3.6 | 0 |
| 95 | Cone-Shaped Gd _{1-x} Sr _x Fe _{0.8} Co _{0.2} O _{3-λ} Electrodes for SOFC Cathodes. <i>International Journal of Electrochemical Science</i> , 2017 , 11540-11545 | 2.2 | 2 |
| 94 | Highly selective NO _x reduction for diesel engine exhaust via an electrochemical system. <i>Electrochemistry Communications</i> , 2016 , 72, 36-40 | 5.1 | 5 |
| 93 | New Hypothesis for SOFC Ceramic Oxygen Electrode Mechanisms. <i>ECS Transactions</i> , 2016 , 72, 93-103 | 1 | 3 |
| 92 | Influence of pore former on porosity and mechanical properties of Ce _{0.9} Gd _{0.1} O _{1.95} electrolytes for flue gas purification. <i>Ceramics International</i> , 2016 , 42, 4546-4555 | 5.1 | 3 |
| 91 | Effect of pore formers on properties of tape cast porous sheets for electrochemical flue gas purification. <i>Journal of the European Ceramic Society</i> , 2016 , 36, 645-653 | 6 | 13 |
| 90 | 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 | 2.6 | 5 |
| 89 | Catalytic Enhancement of Carbon Black and Coal-Fueled Hybrid Direct Carbon Fuel Cells. <i>Journal of the Electrochemical Society</i> , 2015 , 162, F327-F339 | 3.9 | 16 |
| 88 | Direct Coal Oxidation in Modified Solid Oxide Fuel Cells. <i>ECS Transactions</i> , 2015 , 68, 2685-2694 | 1 | 5 |
| 87 | Enhancing Hybrid Direct Carbon Fuel Cell anode performance using Ag ₂ O. <i>Electrochimica Acta</i> , 2015 , 152, 222-239 | 6.7 | 27 |
| 86 | Hybrid Direct Carbon Fuel Cell Performance With Anode Current Collector Material. <i>Journal of Fuel Cell Science and Technology</i> , 2015 , 12, | | 2 |
| 85 | In Situ Studies of Fe ⁴⁺ Stability in Li ₃ Fe ₂ (PO ₄) ₃ Cathodes for Li Ion Batteries. <i>Journal of the Electrochemical Society</i> , 2015 , 162, A531-A537 | 3.9 | 12 |
| 84 | Hybrid direct carbon fuel cell anode processes investigated using a 3-electrode half-cell setup. <i>International Journal of Hydrogen Energy</i> , 2015 , 40, 1945-1958 | 6.7 | 13 |
| 83 | 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 | 6.7 | 1 |
| 82 | Catalytic Enhancement of Solid Carbon Oxidation in HDCFCs. <i>ECS Transactions</i> , 2014 , 61, 225-234 | 1 | 4 |

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| 81 | High Performance Infiltrated Backbones for Cathode-Supported SOFC's. <i>ECS Transactions</i> , 2014 , 64, 41-51 | 7 |
| 80 | 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 | 2.7 |
| 79 | Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La _{1-x} Sr _x FeO ₃ Cathodes. <i>Electrocatalysis</i> , 2014 , 5, 256-261 | 2.7 7 |
| 78 | Effect of CeO ₂ Infiltration on the Hybrid Direct Carbon Fuel Cell Performance. <i>ECS Transactions</i> , 2014 , 61, 255-267 | 1 4 |
| 77 | HDCFC Performance as a Function of Anode Atmosphere (N ₂ -CO ₂). <i>Journal of the Electrochemical Society</i> , 2014 , 161, F33-F46 | 3.9 19 |
| 76 | Electrochemical Oxidation of Propene with a LSM15/CGO10 Electrochemical Reactor. <i>Journal of the Electrochemical Society</i> , 2014 , 161, F323-F331 | 3.9 |
| 75 | Removal of NO _x with Porous Cell Stacks with La _{0.85} Sr _{0.15} Co _x Mn _{1-x} O ₃ +Ce _{0.9} Gd _{0.1} O _{1.95} Electrodes Infiltrated with BaO. <i>Journal of the Electrochemical Society</i> , 2014 , 161, H663-H669 | 3.9 5 |
| 74 | Hybrid direct carbon fuel cells and their reaction mechanisms—review. <i>Journal of Solid State Electrochemistry</i> , 2014 , 18, 861-882 | 2.6 52 |
| 73 | Fabrication of highly porous LSM/CGO cell stacks for electrochemical flue gas purification. <i>Ceramics International</i> , 2013 , 39, 2159-2163 | 5.1 9 |
| 72 | Electrochemical reduction of oxygen and nitric oxide at low temperature on Ce _{1-x} Pr _x O ₂ cathodes. <i>Electrochimica Acta</i> , 2013 , 114, 474-477 | 6.7 8 |
| 71 | Effect of infiltration material on a LSM15/CGO10 electrochemical reactor in the electrochemical oxidation of propene. <i>Journal of Solid State Electrochemistry</i> , 2013 , 17, 895-908 | 2.6 4 |
| 70 | Electrochemical reduction of oxygen and nitric oxide at low temperature on La _{1-x} Sr _x MnO ₃ + cathodes. <i>Materials Research Bulletin</i> , 2013 , 48, 3274-3277 | 5.1 8 |
| 69 | Production of a half cell with a LSM/CGO support for electrochemical flue gas purification. <i>Ceramics International</i> , 2013 , 39, 8649-8655 | 5.1 2 |
| 68 | Enhancement of NO _x removal performance for (La _{0.85} Sr _{0.15}) _{0.99} MnO ₃ /Ce _{0.9} Gd _{0.1} O _{1.95} electrochemical cells by NO _x storage/reduction adsorption layers. <i>Electrochimica Acta</i> , 2013 , 90, 482-491 | 6.7 27 |
| 67 | A combined SEM, CV and EIS study of multi-layered porous ceramic reactors for flue gas purification. <i>Ceramics International</i> , 2013 , 39, 847-851 | 5.1 4 |
| 66 | Electrochemical NO _x reduction on an LSM/CGO symmetric cell modified by NO _x adsorbents. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 7137 | 13 12 |
| 65 | Fabrication and Characterization of Multi-Layer Ceramics for Electrochemical Flue Gas Purification. <i>Journal of the Electrochemical Society</i> , 2013 , 160, E113-E119 | 3.9 5 |
| 64 | NO _x Reduction on Ag Electrochemical Cells with a K-Pt-Al ₂ O ₃ Adsorption Layer. <i>Journal of the Electrochemical Society</i> , 2013 , 160, H294-H301 | 3.9 5 |

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| 63 | Characterization of LSM/CGO Symmetric Cells Modified by NO _x Adsorbents for Electrochemical NO _x Removal with Impedance Spectroscopy. <i>Journal of the Electrochemical Society</i> , 2013 , 160, H494-H501 | 3.9 | 5 |
| 62 | Electrochemical Reduction of Oxygen and Nitric oxide at low Temperature on La _{1-x} Sr _x Cr _{0.97} V _{0.03} O _{3-δ} Cathodes. <i>Journal of the Electrochemical Society</i> , 2013 , 160, F1254-F1257 | 3.9 | 2 |
| 61 | Electrochemical testing of composite electrodes of (La _{1-x} Sr _x) _s MnO ₃ and doped ceria in NO-containing atmosphere. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 703-714 | 2.6 | 8 |
| 60 | A combined SEM and CV study of solid oxide fuel cell interconnect steels. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 1399-1404 | 2.6 | 2 |
| 59 | Optimization of an electrochemical cell with an adsorption layer for NO _x removal. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 3331-3340 | 2.6 | 6 |
| 58 | NO _x conversion on LSM15-CGO10 cell stacks with BaO impregnation. <i>Journal of Materials Chemistry</i> , 2012 , 22, 11792 | | 17 |
| 57 | Diffuse reflectance infrared Fourier transform study of NO(x) adsorption on CGO10 impregnated with K ₂ O or BaO. <i>Journal of Physical Chemistry A</i> , 2012 , 116, 2497-505 | 2.8 | 9 |
| 56 | NO _x conversion on porous LSF15-CGO10 cell stacks with KNO ₃ or K ₂ O impregnation. <i>Journal of Solid State Electrochemistry</i> , 2012 , 16, 2651-2660 | 2.6 | 5 |
| 55 | Pore former induced porosity in LSM/CGO cathodes for electrochemical cells for flue gas purification. <i>Ceramics International</i> , 2012 , 38, 1751-1754 | 5.1 | 9 |
| 54 | Electrochemical Oxidation of Propene by Use of LSM15/CGO10 Electrochemical Reactor. <i>Journal of the Electrochemical Society</i> , 2012 , 159, P57-P64 | 3.9 | 5 |
| 53 | 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. <i>Journal of Materials Science</i> , 2011 , 46, 6457-6460 | 4.3 | 2 |
| 52 | Optimizing the performance of porous electrochemical cells for flue gas purification using the DOE method. <i>Ceramics International</i> , 2011 , 37, 903-911 | 5.1 | 7 |
| 51 | Improvement of LSM15-CGO10 Electrodes for Electrochemical Removal of NO _x by KNO ₃ and MnO _x Impregnation. <i>Journal of the Electrochemical Society</i> , 2011 , 158, P147 | 3.9 | 6 |
| 50 | 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. <i>Journal of the Electrochemical Society</i> , 2010 , 157, P107 | 3.9 | 12 |
| 49 | The Effect of a CGO Barrier Layer on the Performance of LSM/YSZ SOFC Cathodes. <i>Journal of the Electrochemical Society</i> , 2010 , 157, B309 | 3.9 | 24 |
| 48 | Electrochemical Removal of NO _x -Gases by Use of LSM-Cathodes Impregnated with a NO _x Storage Compound. <i>ECS Transactions</i> , 2010 , 28, 193-203 | 1 | |
| 47 | Electrochemical Reduction of Oxygen and Nitric Oxide at Low Temperature on La _[sub 1-x] Sr _[sub x] CoO _[sub 3-δ] Cathodes. <i>Journal of the Electrochemical Society</i> , 2010 , 157, P79 | 3.9 | 10 |
| 46 | 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. <i>Journal of the Electrochemical Society</i> , 2010 , 157, P35 | 3.9 | 27 |

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| 45 | 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. <i>Electrochimica Acta</i> , 2010 , 55, 4606-4609 | 6.7 | 22 |
| 44 | NiCr _x Fe _{2-x} O ₄ as cathode materials for electrochemical reduction of NO _x . <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 157-166 | 2.6 | 10 |
| 43 | High-performance FeCo-based SOFC cathodes. <i>Journal of Solid State Electrochemistry</i> , 2010 , 14, 2107-2111 | 2.6 | 9 |
| 42 | The effect of A-site deficiency on the performance of La _{1-x} Fe _{0.4} Ni _{0.6} O ₃ cathodes. <i>Materials Research Bulletin</i> , 2010 , 45, 197-199 | 5.1 | 6 |
| 41 | Electrochemical reduction of nitrous oxide on La _{1-x} Sr _x FeO ₃ perovskites. <i>Materials Research Bulletin</i> , 2010 , 45, 1334-1337 | 5.1 | 7 |
| 40 | Electrochemical removal of NO _x with porous cell stacks. <i>Materials Research Bulletin</i> , 2010 , 45, 1554-1561 | 5.1 | 28 |
| 39 | Sintering Effect on Material Properties of Electrochemical Reactors Used for Removal of Nitrogen Oxides and Soot Particles Emitted from Diesel Engines. <i>Fuel Cells</i> , 2010 , 10, 636-642 | 2.9 | 2 |
| 38 | Solid state electrochemical DeNO _x An overview. <i>Applied Catalysis B: Environmental</i> , 2010 , 100, 427-432 | 21.8 | 34 |
| 37 | A-Site Deficient (Pr _{0.6} Sr _{0.4}) _{1-x} Fe _{0.8} Co _{0.2} O ₃ Perovskites as Solid Oxide Fuel Cell Cathodes. <i>Journal of the Electrochemical Society</i> , 2009 , 156, B1257 | 3.9 | 23 |
| 36 | The NiFe ₂ O ₄ - MgFe ₂ O ₄ series as electrode materials for electrochemical reduction of NO _x . <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 1241-1250 | 2.6 | 9 |
| 35 | Electrochemical reduction of NO on La _{2-x} Sr _x NiO ₄ based electrodes. <i>Journal of Solid State Electrochemistry</i> , 2009 , 13, 1529-1534 | 2.6 | 6 |
| 34 | Characterization of MgMn _x Fe _{2-x} O ₄ as a possible cathode material for electrochemical reduction of NO _x . <i>Journal of Applied Electrochemistry</i> , 2009 , 39, 2369-2374 | 2.6 | 7 |
| 33 | Processing and characterization of porous electrochemical cells for flue gas purification. <i>Ionics</i> , 2009 , 15, 427-431 | 2.7 | 16 |
| 32 | An EIS study of La _{2-x} Sr _x NiO ₄ + λ SOFC cathodes. <i>Ionics</i> , 2009 , 15, 325-328 | 2.7 | 20 |
| 31 | Electrochemical characterization and redox behavior of Nb-doped SrTiO ₃ . <i>Solid State Ionics</i> , 2009 , 180, 63-70 | 3.3 | 73 |
| 30 | Strontium Titanate-based Composite Anodes for Solid Oxide Fuel Cells. <i>ECS Transactions</i> , 2008 , 13, 181-194 | 2.7 | 24 |
| 29 | Evaluation of LSF based SOFC Cathodes using Cone-shaped Electrodes. <i>ECS Transactions</i> , 2008 , 13, 153-160 | 2.7 | 7 |
| 28 | Defect and electrical transport properties of Nb-doped SrTiO ₃ . <i>Solid State Ionics</i> , 2008 , 179, 2047-2058 | 3.3 | 128 |

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| 27 | Electrochemical reduction of O ₂ and NO on Ni, Pt and Au. <i>Journal of Applied Electrochemistry</i> , 2008 , 38, 591-595 | 2.6 | 12 |
| 26 | Electrochemical reduction of NO and O ₂ on La _{2-x} Sr _x CuO ₄ -based electrodes. <i>Journal of Solid State Electrochemistry</i> , 2008 , 12, 1573-1577 | 2.6 | 7 |
| 25 | Temperature dependence of the cation distribution in measured with high temperature neutron diffraction. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 2364-2369 | 3.3 | 24 |
| 24 | Gd _[sub 0.6] Sr _[sub 0.4] Fe _[sub 0.8] Co _[sub 0.2] O _[sub 3] : A Novel Type of SOFC Cathode. <i>Electrochemical and Solid-State Letters</i> , 2007 , 10, B119 | | 12 |
| 23 | A-site deficient (La _{0.6} Sr _{0.4}) _{1-x} Fe _{0.8} Co _{0.2} O ₃ perovskites as SOFC cathodes. <i>Solid State Ionics</i> , 2007 , 178, 1379-1384 | 3.3 | 82 |
| 22 | Electrochemical reduction of NO ₂ studied by the use of cone-shaped electrodes. <i>Electrochemistry Communications</i> , 2007 , 9, 2721-2724 | 5.1 | 6 |
| 21 | Synthesis of Nb-doped SrTiO ₃ by a modified glycine-nitrate process. <i>Journal of the European Ceramic Society</i> , 2007 , 27, 3609-3612 | 6 | 26 |
| 20 | Influence of BaO in perovskite electrodes for the electrochemical reduction of NO _x . <i>Topics in Catalysis</i> , 2007 , 45, 131-135 | 2.3 | 9 |
| 19 | Spinel as cathodes for the electrochemical reduction of O ₂ and NO. <i>Topics in Catalysis</i> , 2007 , 45, 143-148 | 2.3 | 15 |
| 18 | Conductivity and electrochemical characterization of PrFe _{1-x} Ni _x O ₃ at high temperature. <i>Journal of Alloys and Compounds</i> , 2007 , 428, 256-261 | 5.7 | 15 |
| 17 | Studies of Fe _{1-x} Co _x based perovskite cathodes with different A-site cations. <i>Solid State Ionics</i> , 2006 , 177, 1047-1051 | 3.3 | 45 |
| 16 | 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 | 6.7 | 38 |
| 15 | 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 | 2.6 | 19 |
| 14 | Oxidation of Methane and Hydrogen on Ce _[sub 1-x] Gd _[sub x] O _[sub 2] fluorites. <i>Electrochemical and Solid-State Letters</i> , 2005 , 8, A108 | | 6 |
| 13 | 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 | 3.3 | 49 |
| 12 | LSFM perovskites as cathodes for the electrochemical reduction of NO. <i>Solid State Ionics</i> , 2005 , 176, 915-920 | 3.3 | 22 |
| 11 | 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 | 3.3 | 6 |
| 10 | Electrochemical DeNO _x in solid electrolyte cells—an overview. <i>Applied Catalysis B: Environmental</i> , 2005 , 58, 33-39 | 21.8 | 58 |

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|---|---|------|-----|
| 9 | Conversion of Hydrocarbons in Solid Oxide Fuel Cells. <i>Annual Review of Materials Research</i> , 2003 , 33, 321-331 | 12.8 | 162 |
| 8 | 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 | 7.3 | 24 |
| 7 | Electrochemical reduction of NO and O ₂ on Cu/CuO. <i>Journal of Applied Electrochemistry</i> , 2000 , 30, 193-200 | 2.7 | 23 |
| 6 | Electrochemical reduction of NO and O ₂ on oxide based electrodes. <i>Ionics</i> , 2000 , 6, 340-345 | 2.7 | 16 |
| 5 | Electrochemical Exhaust Gas Purification 2000 , | | 4 |
| 4 | Perovskites as Cathodes for Nitric Oxide Reduction. <i>Journal of the Electrochemical Society</i> , 2000 , 147, 2007 | 3.9 | 40 |
| 3 | Electrochemical Reactor for Exhaust Gas Purification 1999 , | | 5 |
| 2 | Mechanochemical Synthesis of Fe ₃ Materials. <i>Journal of Solid State Chemistry</i> , 1998 , 138, 114-125 | 3.3 | 54 |
| 1 | Electrochemical Removal of NO _x Using Oxide-Based Electrodes [A Review]. <i>International Journal of Electrochemical Science</i> , 9273-9280 | 2.2 | 3 |