Philippe Vernoux

List of Publications by Year
in descending order

154 papers	4,339 citations	117625 34 h-index	138484 58 g-index
160 all docs	160 docs citations	160 times ranked	4042 citing authors

#	Article	IF	Citations
1	Ionically Conducting Ceramics as Active Catalyst Supports. Chemical Reviews, 2013, 113, 8192-8260.	47.7	201
2	Tuning the Structure of Platinum Particles on Ceria Inâ€¦Situ for Enhancing the Catalytic Performance of Exhaust Gas Catalysts. Angewandte Chemie - International Edition, 2017, 56, 13078-13082.	13.8	201
3	La(1âˆ')Sr Co1âˆ'Fe O3 perovskites prepared by solâ€"gel method: Characterization and relationships with catalytic properties for total oxidation of toluene. Applied Catalysis B: Environmental, 2009, 88, 438-447.	20.2	198
4	Tuning the Pt/CeO₂ Interface by in Situ Variation of the Pt Particle Size. ACS Catalysis, 2018, 8, 4800-4811.	11.2	157
5	<i>In Situ</i> Observation of Nanoparticle Exsolution from Perovskite Oxides: From Atomic Scale Mechanistic Insight to Nanostructure Tailoring. ACS Nano, 2019, 13, 12996-13005.	14.6	144
6	Electrochemical Promotion of Propane and Propene Oxidation on Pt/YSZ. Journal of Catalysis, 2002, 208, 412-421.	6.2	105
7	Synthesis of ZrO2 thin films by atomic layer deposition: growth kinetics, structural and electrical properties. Applied Surface Science, 2002, 193, 120-128.	6.1	102
8	La/Sr-based perovskites as soot oxidation catalysts for Gasoline Particulate Filters. Catalysis Today, 2015, 258, 525-534.	4.4	101
9	Alternative anode material for gradual methane reforming in solid oxide fuel cells. Solid State Ionics, 2000, 135, 425-431.	2.7	100
10	Gradual Internal Methane Reforming in Intermediateâ€Temperature Solidâ€Oxide Fuel Cells. Journal of the Electrochemical Society, 1998, 145, 3487-3492.	2.9	91
11	Supported platinum catalysts for nitrogen oxide sensors. Applied Catalysis B: Environmental, 2005, 55, 11-21.	20.2	88
12	De-NOx in alternative lean/rich atmospheres on La1âˆ'xSrxCoO3 perovskites. Energy and Environmental Science, 2011, 4, 3351.	30.8	87
13	In SituStudy of Redox and of p-Type Semiconducting Properties of Vanadyl Pyrophosphate and of Vâ€"Pâ€"O Catalysts during the Partial Oxidation ofn-Butane to Maleic Anhydride. Journal of Catalysis, 1997, 167, 106-117.	6.2	78
14	Electrochemical promotion of platinum impregnated catalyst for the selective catalytic reduction of NO by propene in presence of oxygen. Applied Catalysis B: Environmental, 2007, 73, 42-50.	20.2	73
15	Electrochemical properties of Niâ€"YSZ cermet in solid oxide fuel cells Effect of current collecting. Solid State Ionics, 2000, 127, 99-107.	2.7	71
16	Towards a sustainable technology for H2 production: Direct lignin electrolysis in a continuous-flow Polymer Electrolyte Membrane reactor. Electrochemistry Communications, 2019, 100, 43-47.	4.7	67
17	Pd-Doped Perovskite: An Effective Catalyst for Removal of NO_{<i>x</i>} from Lean-Burn Exhausts with High Sulfur Resistance. ACS Catalysis, 2013, 3, 1071-1075.	11.2	62
18	Low-temperature propene combustion over Pt/K-Î²Al2O3 electrochemical catalyst: Characterization, catalytic activity measurements, and investigation of the NEMCA effect. Journal of Catalysis, 2007, 251, 474-484.	6.2	59

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19	Silicon carbide-based membranes with high soot particle filtration efficiency, durability and catalytic activity for CO/HC oxidation and soot combustion. Journal of Membrane Science, 2016, 501, 79-92.	8.2	54
20	Silver-modified manganite and ferrite perovskites for catalyzed gasoline particulate filters. Applied Catalysis B: Environmental, 2018, 226, 202-212.	20.2	52
21	Effect of Diesel Oxidation Catalysts on the Diesel Particulate Filter Regeneration Process. Environmental Science & Technology, 2011, 45, 10591-10597.	10.0	50
22	In-situ electrochemical control of the catalytic activity of platinum for the propene oxidation. Solid State Ionics, 2004, 175, 609-613.	2.7	49
23	Applications of yttria stabilized zirconia (YSZ) in catalysis. Catalysis Science and Technology, 2015, 5, 4884-4900.	4.1	49
24	Catalytic and Electrochemical Properties of Doped Lanthanum Chromites as New Anode Materials for Solid Oxide Fuel Cells. Journal of the American Ceramic Society, 2001, 84, 2289-2295.	3.8	48
25	Continuously regenerating Diesel Particulate Filters based on ionically conducting ceramics. Journal of Catalysis, 2014, 309, 87-96.	6.2	47
26	Synergy between Ag nanoparticles and yttria-stabilized zirconia for soot oxidation. Applied Catalysis B: Environmental, 2019, 242, 140-149.	20.2	46
27	Investigations under real operating conditions of the electrochemical promotion by O2 temperature programmed desorption measurements. Topics in Catalysis, 2007, 44, 391-398.	2.8	45
28	An all porous solid oxide fuel cell (SOFC): a bridging technology between dual and single chamber SOFCs. Energy and Environmental Science, 2013, 6, 2119.	30.8	43
29	Application of advanced morphology Auâ€"X (X=YSZ, ZrO2) composites as sensing electrode for solid state mixed-potential exhaust NOx sensor. Sensors and Actuators B: Chemical, 2015, 207, 391-397.	7.8	43
30	Electrochemical Promotion of Propene Combustion in Air Excess on Perovskite Catalyst. Catalysis Letters, 2004, 96, 177-183.	2.6	39
31	Exploiting the dynamic properties of Pt on ceria for low-temperature CO oxidation. Catalysis Science and Technology, 2020, 10, 3904-3917.	4.1	38
32	Low Temperature Toluene Oxidation Over Pt Nanoparticles Supported on Yttria Stabilized-Zirconia. Catalysis Letters, 2013, 143, 996-1002.	2.6	36
33	Glyceraldehyde production by photocatalytic oxidation of glycerol on WO3-based materials. Applied Catalysis B: Environmental, 2021, 299, 120616.	20.2	36
34	Physico-Chemical Characterization of Fine and Ultrafine Particles Emitted during Diesel Particulate Filter Active Regeneration of Euro5 Diesel Vehicles. Environmental Science & Technology, 2018, 52, 3312-3319.	10.0	34
35	Effect of the addition of Na to Pt/Al2O3 catalysts for the reduction of NO by C3H8 and C3H6 under lean-burn conditions. Journal of Catalysis, 2003, 219, 247-257.	6.2	33
36	Impact of the support on the heat of adsorption of the linear CO species on Pt-containing catalysts. Applied Catalysis A: General, 2005, 278, 223-231.	4.3	33

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37	Electrochemical activation of Pt catalyst by potassium for low temperature CO deep oxidation. Catalysis Communications, 2008, 9, 17-20.	3.3	33
38	Chemistry, phase formation, and catalytic activity of thin palladium-containing oxide films synthesized by plasma-assisted physical vapor deposition. Surface and Coatings Technology, 2011, 205, S171-S177.	4.8	33
39	Electrochemical promotion of catalysis with highly dispersed Pt nanoparticles. Electrochemistry Communications, 2012, 19, 5-8.	4.7	33
40	Over-faradaic hydrogen production in methanol electrolysis cells. Chemical Engineering Journal, 2020, 396, 125217.	12.7	33
41	Screening of ceria-based catalysts for internal methane reforming in low temperature SOFC. Catalysis Today, 2010, 157, 263-269.	4.4	32
42	Reduction of nitrogen oxides over Ir/YSZ electrochemical catalysts. Applied Catalysis B: Environmental, 2007, 73, 73-83.	20.2	31
43	Ionically Conducting Ceramics as Alternative Catalyst Supports. Electrochemical and Solid-State Letters, 2009, 12, E9.	2.2	31
44	Defects band enhanced by resonance Raman effect in praseodymium doped CeO₂. Journal of Raman Spectroscopy, 2016, 47, 1276-1279.	2.5	31
45	Isotopical labeling mechanistic studies of electrochemical promotion of propane combustion on Pt/YSZ. Electrochemistry Communications, 2013, 26, 13-16.	4.7	30
46	Pt/YSZ electrochemical catalysts prepared by electrostatic spray deposition for selective catalytic reduction of NO by C3H6. Solid State Ionics, 2008, 178, 1998-2008.	2.7	29
47	Electropositive Promotion by Alkalis or Alkaline Earths of Pt-Group Metals in Emissions Control Catalysis: A Status Report. Catalysts, 2019, 9, 157.	3.5	29
48	Parametric study of propene oxidation over Pt and Au catalysts supported on sulphated and unsulphated titania. Applied Catalysis B: Environmental, 2011, 102, 180-189.	20.2	28
49	Electrochemical promotion of deep oxidation of methane on Pd/YSZ. Journal of Applied Electrochemistry, 2008, 38, 1111-1119.	2.9	27
50	Kinetics of the propene oxidation over a Pt/alumina catalyst. Catalysis Communications, 2013, 36, 63-66.	3.3	27
51	Pd-doped or Pd impregnated 30% La0.7Sr0.3CoO3/Al2O3 catalysts for NOx storage and reduction. Applied Catalysis B: Environmental, 2019, 259, 118052.	20.2	27
52	Improvement of the NO selectivity for a planar YSZ sensor. Sensors and Actuators B: Chemical, 2011, 154, 106-110.	7.8	26
53	Investigations of soot combustion on yttria-stabilized zirconia by environmental transmission electron microscopy (ETEM). Applied Catalysis A: General, 2015, 504, 74-80.	4.3	26
54	Intermittent temperature-programmed desorption study of perovskites used for catalytic purposes. Applied Surface Science, 2007, 253, 5876-5881.	6.1	25

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55	Dispersion measurement of platinum supported on Yttria-Stabilised Zirconia by pulse H2 chemisorption. Applied Catalysis A: General, 2011, 403, 18-24.	4.3	25
56	Well-defined palladiumâ€“ceria interfacial electronic effects trigger CO oxidation. Chemical Communications, 2018, 54, 10140-10143.	4.1	25
57	Electrochemical promotion of the waterâ€“gas shift reaction on Pt/YSZ. Journal of Catalysis, 2011, 283, 124-132.	6.2	24
58	Metal-Support Interaction of Pt Nanoparticles with Ionically and Non-Ionically Conductive Supports for CO Oxidation. Electrochemical and Solid-State Letters, 2012, 15, E14.	2.2	24
59	The relationship of the catalytic activity and the open-circuit potential of Pt interfaced with YSZ. Ionics, 2005, 11, 103-111.	2.4	23
60	Relation between partial propene oxidation, sulphate content and selective catalytic reduction of NOx by propene on ceria/sulphated titania. Applied Catalysis B: Environmental, 2010, 96, 434-440.	20.2	23
61	A new NOx storage-reduction electrochemical catalyst. Applied Catalysis B: Environmental, 2005, 61, 267-273.	20.2	22
62	Catalytic removal of propene and toluene in air over noble metal catalystThis article is one of a selection of papers published in this Special Issue on Biological Air Treatment.. Canadian Journal of Civil Engineering, 2009, 36, 1935-1945.	1.3	22
63	Preferential CO oxidation in hydrogen-rich stream over an electrochemically promoted Pt catalyst. Applied Catalysis B: Environmental, 2010, 94, 281-287.	20.2	22
64	Role of Lattice Oxygen in the Propane Combustion Over Pt/Yttria-Stabilized Zirconia : Isotopic Studies. Topics in Catalysis, 2014, 57, 1277-1286.	2.8	22
65	Tailoring perovskite surface composition to design efficient lean NOx trap Pdâ€“La1-xAxCoO3/Al2O3-type catalysts (with Aâ€¯=â€¯Sr or Ba). Applied Catalysis B: Environmental, 2020, 266, 118628.	20.2	22
66	<i>In situ</i> environmental HRTEM discloses low temperature carbon soot oxidation by ceriaâ€“zirconia at the nanoscale. Chemical Communications, 2019, 55, 3876-3878.	4.1	21
67	Oxido-reduction properties of La0.7Sr0.3Co0.8Fe0.2O3âˆ'Î´ perovskite oxide catalyst. Solid State Ionics, 2011, 183, 40-47.	2.7	20
68	Electrochemical promotion of methane oxidation over nanodispersed Pd/Co3O4 catalysts. Catalysis Today, 2020, 355, 910-920.	4.4	20
69	Electrochemical characterisation of the Pt/YSZ interface exposed to a reactive gas phase. Solid State Ionics, 2004, 166, 183-189.	2.7	19
70	Influence of key parameters on the response of a resistive soot sensor. Sensors and Actuators B: Chemical, 2016, 236, 1036-1043.	7.8	19
71	Lanthanum chromite as an anode material for solid oxide fuel cells. Ionics, 1997, 3, 270-276.	2.4	18
72	Electrochemical catalysts for hydrocarbon combustion. Topics in Catalysis, 2007, 44, 369-377.	2.8	18

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73	Electrochemical catalysis for propane combustion using nanometric sputtered-deposited Pt films. Catalysis Today, 2010, 157, 61-65.	4.4	18
74	Electrochemical promotion of YSZ monolith honeycomb for deep oxidation of methane. Catalysis Communications, 2010, 11, 1076-1080.	3.3	18
75	Sulphur tolerance of Au-modified Ni/GDC during catalytic methane steam reforming. Catalysis Science and Technology, 2018, 8, 1578-1588.	4.1	18
76	Investigation of the CO oxidation rate oscillations using electrochemical promotion of catalysis over sputtered-Pt films interfaced with YSZ. Electrochemistry Communications, 2010, 12, 1310-1313.	4.7	17
77	Mixed Ionicâ€“Electronic Conducting Catalysts for Catalysed Gasoline Particulate Filters. Topics in Catalysis, 2015, 58, 1242-1255.	2.8	17
78	Atomic layer deposition of highly dispersed Pt nanoparticles on a high surface area electrode backbone for electrochemical promotion of catalysis. Electrochemistry Communications, 2017, 84, 40-44.	4.7	17
79	Spatiotemporal Investigation of the Temperature and Structure of a Pt/CeO₂ Oxidation Catalyst for CO and Hydrocarbon Oxidation during Pulse Activation. Industrial & Engineering Chemistry Research, 2021, 60, 6662-6675.	3.7	17
80	Electrochemical promotion of NO reduction by propene on Pt/YSZ. Ionics, 2002, 8, 128-135.	2.4	16
81	Electrochemical promotion of propane deep oxidation on doped lanthanum manganites. Ionics, 2008, 14, 235-241.	2.4	16
82	Oxygen mobility in lanthanum nickelate catalysts for deep oxidation of propane. Solid State Ionics, 2008, 179, 1071-1075.	2.7	16
83	Preparation and characterization of a low particle size Pt/C catalyst electrode for the simultaneous electrochemical promotion of CO and C3H6 oxidation. Applied Catalysis A: General, 2009, 365, 274-280.	4.3	16
84	Comparing monolithic and membrane reactors in catalytic oxidation of propene and toluene in excess of oxygen. Catalysis Today, 2010, 156, 301-305.	4.4	16
85	Isothermal catalytic oxidation of diesel soot on Yttria-stabilized Zirconia. Solid State Ionics, 2014, 262, 253-256.	2.7	16
86	Coupling catalysis to electrochemistry: a solution to selective reduction of nitrogen oxides in lean-burn engine exhausts?. Journal of Catalysis, 2003, , .	6.2	15
87	An electrochemically assisted NO storage/reduction catalyst operating under fixed lean burn conditions. Catalysis Communications, 2009, 11, 247-251.	3.3	15
88	Permanent electrochemical promotion of C3H8 oxidation over thin sputtered Pt films. Electrochemistry Communications, 2010, 12, 1133-1135.	4.7	13
89	Electrochemical promotion of environmental catalysis. Ionics, 2005, 11, 327-332.	2.4	12
90	Physicochemical origins of electrochemical promotion of LSM/YSZ. Catalysis Today, 2009, 146, 266-273.	4.4	12

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91	Catalytic CO Oxidation over Pt Nanoparticles Prepared from the Polyol Reduction Method Supported on Yttria-Stabilized Zirconia. ECS Transactions, 2011, 35, 43-57.	0.5	12
92	Electrochemical and catalytic properties of porous Ptâ€“YSZ composites. Solid State Ionics, 2005, 176, 793-801.	2.7	11
93	Electrochemically-assisted NOx storageâ€“reduction catalysts. Catalysis Today, 2015, 241, 143-150.	4.4	11
94	From plastic-waste to H2: Electrolysis of a Poly(methyl methacrylate) model molecule on polymer electrolyte membrane reactors. Journal of Power Sources, 2020, 480, 228800.	7.8	11
95	CGO-based electrochemical catalysts for low temperature combustion of propene. Journal of Applied Electrochemistry, 2010, 40, 1867-1873.	2.9	10
96	Note on â€œElectrochemical promotion of catalytic reactionsâ€• Progress in Surface Science, 2011, 86, 83-93.	8.3	10
97	NOx storage capacity of yttria-stabilized zirconia-based catalysts. Applied Catalysis B: Environmental, 2013, 130-131, 54-64.	20.2	10
98	Tuning the Pr Valence State To Design High Oxygen Mobility, Redox and Transport Properties in the CeO2â€“ZrO2â€“PrOx Phase Diagram. Journal of Physical Chemistry C, 2019, 123, 6351-6362.	3.1	10
99	New insights into lignin electrolysis on nickel-based electrocatalysts: Electrochemical performances before and after oxygen evolution. International Journal of Hydrogen Energy, 2021, 46, 35752-35764.	7.1	10
100	Towards a new definition of EPOC parameters for anionic electrochemical catalysts: case of propene combustion. Journal of Applied Electrochemistry, 2008, 38, 1083-1088.	2.9	9
101	Low temperature electrochemical catalysts using a BITAVOX electrolyte. Catalysis Today, 2009, 146, 359-366.	4.4	9
102	Deep oxidation of methane on particles derived from YSZ-supported Pdâ€“Pt-(O) coatings synthesized by Pulsed Filtered Cathodic Arc. Catalysis Communications, 2009, 10, 1410-1413.	3.3	9
103	Note on â€œThe Electrochemical Promotion of Ethylene Oxidation at a Pt/YSZ Catalystâ€• ChemPhysChem, 2011, 12, 1761-1763.	2.1	9
104	Development of a Particulate Matter Sensor for Diesel Engine. Procedia Engineering, 2015, 120, 1237-1240.	1.2	9
105	Modeling of the signal of a resistive soot sensor, influence of the soot nature and of the polarization voltage. Sensors and Actuators B: Chemical, 2019, 298, 126820.	7.8	9
106	A Discussion on the Unique Features of Electrochemical Promotion of Catalysis (EPOC): Are We in the Right Path Towards Commercial Implementation?. Catalysts, 2020, 10, 1276.	3.5	9
107	Use of potassium conductors in the electrochemical promotion of environmental catalysis. Catalysis Today, 2009, 146, 293-298.	4.4	8
108	Zirconium-doped lanthanum manganites for catalytic deep oxidation of propene. Applied Catalysis A: General, 2010, 385, 163-169.	4.3	8

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109	Alternative perovskite materials as a cathode component for intermediate temperature single-chamber solid oxide fuel cell. Journal of Power Sources, 2010, 195, 4758-4764.	7.8	8
110	Sulphated TiO2 for selective catalytic reduction of NOx by n-decane. Catalysis Today, 2011, 176, 48-55.	4.4	8
111	Investigation of the Electrochemical Promotion of Catalysis origins on electrochemical catalysts with oxygen ion conductive supports: Isotopic labeling mechanistic studies. Solid State Ionics, 2014, 262, 257-261.	2.7	8
112	Triode operation for enhancing the performance of H2S-poisoned SOFCs operated under CH4â€“H2O mixtures. Solid State Ionics, 2015, 277, 65-71.	2.7	8
113	NO 2 -Selective Electrochemical Sensors for Diesel Exhausts. Procedia Engineering, 2016, 168, 7-10.	1.2	8
114	A New Dynamic Approach for N₂O Decomposition by Preâ€reduced Rh/CeZrO_x Catalysts. ChemCatChem, 2020, 12, 3042-3049.	3.7	8
115	Towards Understanding Lignin Electrolysis: Electro-Oxidation of a <i>Î²</i>-O-4 Linkage Model on PtRu Electrodes. Journal of the Electrochemical Society, 2020, 167, 134511.	2.9	8
116	Influence of the thickness of sputter-deposited platinum films on the electrochemical promotion of propane combustion. Ionics, 2005, 11, 126-131.	2.4	7
117	Influence of Electrodes Polarization on the Response of Resistive Soot Sensor. Procedia Engineering, 2016, 168, 31-34.	1.2	7
118	Nanoscopic Ni Interfaced with Oxygen Conductive Supports: Link between Electrochemical and Catalytic Studies. ECS Transactions, 2017, 77, 51-66.	0.5	7
119	Electrochemical Removal of NOx on Ceria-Based Catalyst-Electrodes. Catalysts, 2017, 7, 61.	3.5	7
120	Impact of the support on the catalytic activity of Ag nanoparticles for soot combustion. Catalysis Today, 2021, 363, 93-104.	4.4	7
121	Recent advances in electrochemical promotion of catalysis. Catalysis, 0, , 29-59.	1.0	7
122	Catalysts for Continuous Methane Reforming in Medium Temperature SOFC. ECS Proceedings Volumes, 1997, 1997-40, 219-227.	0.1	6
123	Electrochemical activation of Ptâ€“Ba/YSZ NOxTRAP catalyst under lean-burn conditions. Electrochemistry Communications, 2011, 13, 924-927.	4.7	6
124	High specific surface area YSZ powders from a supercritical CO₂ process as catalytic supports for NO_x storageâ€“reduction reaction. Catalysis Science and Technology, 2015, 5, 2125-2131.	4.1	6
125	NOx abatement in the exhaust of lean-burn natural gas engines over Ag-supported Î³-Al2O3 catalysts. Surface Science, 2016, 646, 186-193.	1.9	6
126	Electrochemical promotion of propylene combustion on Ag catalytic coatings. Catalysis Communications, 2018, 104, 28-31.	3.3	6

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127	Electrochemical promotion of methane oxidation on Pd nanoparticles deposited on YSZ. Materials Today: Proceedings, 2018, 5, 27345-27352.	1.8	6
128	Catalytic Properties of Double Substituted Lanthanum Cobaltite Nanostructured Coatings Prepared by Reactive Magnetron Sputtering. Catalysts, 2019, 9, 381.	3.5	6
129	Isotopic Oxygen Exchange Study to Unravel Noble Metal Oxide/Support Interactions: The Case of RuO₂ and IrO₂ Nanoparticles Supported on CeO₂, TiO₂ and YSZ. ChemCatChem, 2020, 12, 2548-2555.	3.7	6
130	Kinetics of the O2, Pt/YSZ interface at moderate temperature in the presence of C3H8 in the gas phase. Ionics, 2002, 8, 136-141.	2.4	5
131	Effect of the Reduction Step on the Catalytic Performance of Pdâ€“CeMO2 Based Catalysts (MÂ=ÂGd, Zr) for Propane Combustion. Topics in Catalysis, 2016, 59, 1638-1650.	2.8	5
132	Ethylene epoxidation on Ag/YSZ electrochemical catalysts: Understanding of oxygen electrode reactions. Electrochemistry Communications, 2019, 105, 106495.	4.7	5
133	Catalytic CO Oxidation over Au Nanoparticles Supported on Yttria-Stabilized Zirconia. ECS Transactions, 2012, 45, 265-274.	0.5	4
134	Electrochemical promotion of propane oxidation on Pt deposited on a dense Î²â€³-Al2O3 ceramic Ag+ conductor. Frontiers in Chemistry, 2013, 1, 13.	3.6	4
135	Catalytic removal of propene and toluene in air over noble metal catalyst. Journal of Environmental Engineering and Science, 2014, 9, 70-79.	0.8	4
136	Ag-based electrocatalysts for ethylene epoxidation. Electrochimica Acta, 2021, 394, 139018.	5.2	4
137	From plastic-waste to H2: A first approach to the electrochemical reforming of dissolved Poly(methyl) Tj ETQq1 1 0.784314 rgBT /Overl	7.1	4
138	Improvement of the NOx selectivity for a planar YSZ sensor. Procedia Chemistry, 2009, 1, 589-592.	0.7	3
139	Emissions Control Catalysis. Catalysts, 2019, 9, 912.	3.5	3
140	Impact of reforming catalyst on the anodic polarisation resistance in single-chamber SOFC fed by methane. Electrochemistry Communications, 2010, 12, 1322-1325.	4.7	2
141	Development of Highly Nano-Dispersed NiO/GDC Catalysts from Ion Exchange Resin Templates. Catalysts, 2017, 7, 368.	3.5	2
142	Catalytic and Electrochemical Properties of Ag Infiltrated Perovskite Coatings for Propene Deep Oxidation. Catalysts, 2020, 10, 729.	3.5	2
143	Coupling of photocatalysis and catalysis using an optical fiber textile for room temperature depollution. Chemosphere, 2022, 297, 133940.	8.2	2
144	Ionically Conducting Ceramics as Alternative Catalyst Supports. ECS Transactions, 2008, 13, 23-29.	0.5	1

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145	Ionically Conducting Ceramics for Soot Oxidation Mechanistic Study with 18O2 Isotopic Exchange. ECS Transactions, 2012, 45, 225-233.	0.5	1
146	A tribute to Jean-Marie Herrmann. Applied Catalysis B: Environmental, 2012, 128, 1-2.	20.2	1
147	Ionic Conducting Ceramics as Alternative Catalyst Supports. ECS Meeting Abstracts, 2008, , .	0.0	0
148	Electrochemical Promotion of the Water-Gas Shift Reaction on Pt/YSZ. ECS Transactions, 2011, 35, 249-257.	0.5	0
149	Electrochemical Promotion of Propane Combustion on Highly Dispersed Pt Nanoparticles. ECS Transactions, 2012, 45, 535-541.	0.5	0
150	Electrochemical Promotion of Catalysis for Automotive Post-Treatment and Air Cleaning. , 2013, , 281-302.		0
151	La zircone stabilisÃ©e Ã lâ€™oxyde dâ€™yttrium : un nouveau support pour la catalyse environnementale. Materiaux Et Techniques, 2012, 100, 253-261.	0.9	0
152	Permanent Electrochemical Promotion for Environmental Applications. , 2014, , 1510-1514.		0
153	Electrochemical Promotion of Propylene Combustion on Ag-Based Nanostructured Catalysts. ECS Meeting Abstracts, 2018, , .	0.0	0
154	Ethylene Electrooxidation into Ethylene Oxide on Nanostructured Ag/GDC Electrocatalysts. ECS Meeting Abstracts, 2021, MA2021-02, 837-837.	0.0	0