Piotr Jasinski

List of Publications by Citations

151 papers	2,308 citations	24 h-index	42 g-index
163 ext. papers	2,599 ext. citations	4 avg, IF	5.11 L-index

#	Paper	IF	Citations
151	Nanocrystalline undoped ceria oxygen sensor. *Sensors and Actuators B: Chemical*, **2003**, 95, 73-77	8.5	424
150	Evaluation of porous 430L stainless steel for SOFC operation at intermediate temperatures. *Journal of Power Sources*, **2008**, 181, 31-37	8.9	79
149	Composite (La, Sr)MnO3YSZ cathode for SOFC. *Solid State Ionics*, **2006**, 177, 2071-2074	3.3	77
148	Performance of a Porous Electrolyte in Single-Chamber SOFCs. *Journal of the Electrochemical Society*, **2005**, 152, A527	3.9	62
147	Electrical and structural properties of Nb-doped SrTiO3 ceramics. *Journal of Electroceramics*, **2010**, 24, 326-330	1.5	56
146	Impedance Studies of Diffusion Phenomena and Ionic and Electronic Conductivity of Cerium Oxide. *Journal of the Electrochemical Society*, **2005**, 152, J27	3.9	54
145	Structural and electrical properties of Sr(Ti, Fe)O3-materials for SOFC cathodes. *Journal of Electroceramics*, **2012**, 28, 80-87	1.5	51
144	Anode Supported Single Chamber Solid Oxide Fuel Cell in CH[sub 4]-Air Mixture. *Journal of the Electrochemical Society*, **2004**, 151, A1473	3.9	51
143	Low temperature processed MnCo2O4 and MnCo1.8Fe0.2O4 as effective protective coatings for solid oxide fuel cell interconnects at 750C. *Journal of Power Sources*, **2016**, 336, 408-418	8.9	50
142	Status report on high temperature fuel cells in Poland Recent advances and achievements. *International Journal of Hydrogen Energy*, **2017**, 42, 4366-4403	6.7	46
141	Properties of a lithium solid electrolyte gas sensor based on reaction kinetics. *Measurement Science and Technology*, **2006**, 17, 17-21	2	45
140	Role of Composite Cathodes in Single Chamber SOFC. *Journal of the Electrochemical Society*, **2004**, 151, A1678	3.9	38
139	Nitrogen dioxide sensing properties of PEDOT polymer films. *Sensors and Actuators B: Chemical*, **2017**, 247, 108-113	8.5	36
138	High temperature oxidation of porous alloys for solid oxide fuel cell applications. *Solid State Ionics*, **2010**, 181, 1214-1220	3.3	35
137	Influence of electropolymerization conditions on the morphological and electrical properties of PEDOT film. *Electrochimica Acta*, **2015**, 176, 156-161	6.7	34
136	Fabrication of solid oxide fuel cell supported on specially performed ferrite-based perovskite cathode. *Journal of Power Sources*, **2008**, 181, 1-7	8.9	33
135	Properties of a polyethyleneimine-based sensor for measuring medium and high relative humidity. *Measurement Science and Technology*, **2006**, 17, 12-16	2	30

134	Conducting Polymer Microelectrodes Anchored to Hydrogel Films.. *ACS Macro Letters*, **2012**, 1, 400-403	6.6	29
133	Evaluation of 316L porous stainless steel for SOFC support. *Journal of the European Ceramic Society* , **2009**, 29, 757-762	6	29
132	High performance LaNi 1-x Co x O 3-□(x□=□0.4 to 0.7) infiltrated oxygen electrodes for reversible solid oxide cells. *Journal of Power Sources*, **2017**, 353, 67-76	8.9	28
131	Conductivity and viscosity changes of imidazolium ionic liquids induced by H2o and Co2. *Journal of Molecular Liquids*, **2016**, 221, 541-546	6	27
130	Impedance spectroscopy of single chamber SOFC. *Solid State Ionics*, **2004**, 175, 35-38	3.3	26
129	Protective coatings for stainless steel for SOFC applications. *Journal of Solid State Electrochemistry*, **2009**, 13, 1695-1700	2.6	25
128	Single Chamber Electrolyte Supported SOFC Module. *Electrochemical and Solid-State Letters*, **2004**, 7, A391		25
127	Laser patterned platform with PEDOT□graphene composite film for NO 2 sensing. *Sensors and Actuators B: Chemical*, **2016**, 229, 155-165	8.5	23
126	Performance of a single layer fuel cell based on a mixed proton-electron conducting composite. *Journal of Power Sources*, **2017**, 353, 230-236	8.9	22
125	Influence of Sb-substitution on ionic transport in lanthanum orthoniobates. *Journal of Materials Chemistry A*, **2016**, 4, 11696-11707	13	22
124	Solid oxide fuel cells with Ni-infiltrated perovskite anode. *Solid State Ionics*, **2012**, 221, 11-14	3.3	22
123	Applications of spin coating of polymer precursor and slurry suspensions for Solid Oxide Fuel Cell fabrication. *Journal of Power Sources*, **2009**, 194, 10-15	8.9	21
122	Electrical properties of nanocrystalline Sm-doped ceria ceramics. *Solid State Ionics*, **2006**, 177, 2509-2512	3.3	21
121	THE ROLE OF THIN FUNCTIONAL LAYERS IN SOLID OXIDE FUEL CELLS. *Electrochimica Acta*, **2016**, 204, 136-145	6.7	20
120	Electrical Properties of YSZ Films Prepared by Net Shape Technology. *Journal of the Electrochemical Society*, **2005**, 152, A454	3.9	18
119	Study of the NO2 sensing mechanism of PEDOT-RGO film using in situ Raman Spectroscopy. *Sensors and Actuators B: Chemical*, **2018**, 260, 1025-1033	8.5	17
118	Nanocomposite Nickel Ceria Cermet with Low Nickel Content for Anode-Supported SOFCs. *Electrochemical and Solid-State Letters*, **2005**, 8, A219		17
117	La 0.6 Sr 0.4 Co 0.2 Fe 0.8 O 3-□oxygen electrodes for solid oxide cells prepared by polymer precursor and nitrates solution infiltration into gadolinium doped ceria backbone. *Journal of the European Ceramic Society*, **2017**, 37, 3559-3564	6	16

116	Investigation of thin perovskite layers between cathode and doped ceria used as buffer layer in solid oxide fuel cells. *Journal of Solid State Electrochemistry*, **2015**, 19, 1807-1815	2.6	16
115	CGO as a barrier layer between LSCF electrodes and YSZ electrolyte fabricated by spray pyrolysis for solid oxide fuel cells. *Solid State Ionics*, **2017**, 302, 113-117	3.3	16
114	Microstructure and Electrical Properties of Fe,Cu Substituted (Co,Mn)3O4 Thin Films. *Crystals*, **2017**, 7, 185	2.3	16
113	Electrochemical Activity and Electrical Properties of Optimized Polypyrrole Coatings on Iron. *Journal of the Electrochemical Society*, **2015**, 162, E307-E313	3.9	16
112	Ceria Based Protective Coatings for Steel Interconnects Prepared by Spray Pyrolysis. *Procedia Engineering*, **2014**, 98, 93-100		16
111	Low-Temperature Processing of Thin-Film Electrolyte for Electrochemical Devices. *Electrochemical and Solid-State Letters*, **2004**, 7, A138		16
110	Characterization of magnesium doped lanthanum orthoniobate synthesized by molten salt route. *Ceramics International*, **2015**, 41, 7847-7852	5.1	14
109	Praseodymium substituted lanthanum orthoniobate: Electrical and structural properties. *Ceramics International*, **2018**, 44, 8210-8215	5.1	14
108	Optimization of microstructure and properties of acceptor-doped barium cerate. *Solid State Ionics*, **2012**, 225, 245-249	3.3	14
107	Investigation of functional layers of solid oxide fuel cell anodes for synthetic biogas reforming. *Solid State Ionics*, **2013**, 251, 70-77	3.3	14
106	Efficiency of Linear and Non-Linear Classifiers for Gas Identification from Electrocatalytic Gas Sensor. *Metrology and Measurement Systems*, **2013**, 20, 501-512		14
105	Tailoring the electrochemical degradation of iron protected with polypyrrole films for biodegradable cardiovascular stents. *Electrochimica Acta*, **2017**, 245, 327-336	6.7	13
104	FFT analysis of temperature modulated semiconductor gas sensor response for the prediction of ammonia concentration under humidity interference. *Microelectronics Reliability*, **2018**, 84, 163-169	1.2	13
103	Donor-substituted SrTi1+xO3 anodes for SOFC. *Solid State Ionics*, **2012**, 225, 118-123	3.3	13
102	The comparison of SrTi0.98Nb0.02O3 CeO2 and SrTi0.98Nb0.02O3 YSZ composites for use in SOFC anodes. *Journal of Electroceramics*, **2012**, 28, 132-138	1.5	13
101	Electrical properties of Y0.08Sr0.92Ti0.92Nb0.08 O3 after reduction in different reducing conditions. *Journal of Alloys and Compounds*, **2009**, 473, 496-499	5.7	13
100	Low-Temperature Processed Anode for Solid Oxide Fuel Cells. *Electrochemical and Solid-State Letters*, **2005**, 8, A341		13
99	Copper and cobalt co-doped ceria as an anode catalyst for DIR-SOFCs fueled by biogas. *Solid State Ionics*, **2019**, 330, 47-53	3.3	13

98	Electrochemical properties of porous Sr0.86Ti0.65Fe0.35O3 oxygen electrodes in solid oxide cells: Impedance study of symmetrical electrodes. *International Journal of Hydrogen Energy*, **2019**, 44, 1827-1838	6.7	13
97	Improved performance of LaNi0.6Fe0.4O3 solid oxide fuel cell cathode by application of a thin interface cathode functional layer. *Materials Letters*, **2017**, 189, 252-255	3.3	12
96	Nanocrystalline cathode functional layer for SOFC. *Electrochimica Acta*, **2017**, 225, 168-174	6.7	12
95	Investigation of catalytic layers on anode for solid oxide fuel cells operating with synthetic biogas. *Solid State Ionics*, **2015**, 271, 109-115	3.3	12
94	Interaction of yttria stabilized zirconia electrolyte with Fe2O3 and Cr2O3. *Journal of Power Sources*, **2009**, 194, 20-24	8.9	12
93	Optical and electrical properties of Pr0.8Sr0.2MnO3 thin films. *Journal of Applied Physics*, **2003**, 93, 6223-6228	2.5	12
92	Potentiometric Oxygen Sensor with Solid State Reference Electrode. *Metrology and Measurement Systems*, **2014**, 21, 205-216		11
91	Coatings for improvement of high temperature corrosion resistance of porous alloys. *Journal of the European Ceramic Society*, **2011**, 31, 2707-2710	6	11
90	Simultaneous detection of sulphur dioxide and nitrogen dioxide by Nasicon sensor with platinum electrodes. *Ionics*, **2000**, 6, 230-234	2.7	11
89	Electrochemical synthesis of 3D nano-/micro-structured porous polypyrrole. *Materials Letters*, **2016**, 183, 397-400	3.3	11
88	Graphene oxide, reduced graphene oxide and composite thin films NO2 sensing properties. *Measurement Science and Technology*, **2017**, 28, 054005	2	10
87	Study of the electrochemical stability of polypyrrole coating on iron in sodium salicylate aqueous solution. *Synthetic Metals*, **2016**, 221, 1-7	3.6	10
86	Influence of electropolymerization temperature on corrosion, morphological and electrical properties of PPy doped with salicylate on iron. *Surface and Coatings Technology*, **2017**, 328, 248-255	4.4	10
85	Structure and electrical properties of ceramic proton conductors obtained with molten-salt and solid-state synthesis methods. *Journal of Non-Crystalline Solids*, **2010**, 356, 1976-1979	3.9	10
84	Conductivity improvement of Ce0.8Gd0.2O1.9 solid electrolyte. *Journal of Rare Earths*, **2009**, 27, 655-660	3.7	10
83	Micro solid oxide fuel cells and their fabrication methods. *Microelectronics International*, **2008**, 25, 42-48	0.8	10
82	High temperature corrosion and corrosion protection of porous Ni22Cr alloys. *Surface and Coatings Technology*, **2015**, 261, 385-390	4.4	9
81	Interactions between components of SrTi0.98Nb0.02O3−δ/YSZ and SrTi0.98Nb0.02O3−δ/CeO2 composites. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 538-545	1.6	9

80	Polypyrrole based gas sensor for ammonia detection. *IOP Conference Series: Materials Science and Engineering*, **2016**, 104, 012028	0.4	9
79	Characteristics of LaCo0.4Ni0.6-xCuxO3-□ceramics as a cathode material for intermediate-temperature solid oxide fuel cells. *Journal of the European Ceramic Society*, **2018**, 38, 1654-1662	6	9
78	Three electrode configuration measurements of electrolyte-diffusion barrier-cathode interface. *Journal of the Ceramic Society of Japan*, **2015**, 123, 268-273	1	8
77	Perovskites in Solid Oxide Fuel Cells. *Solid State Phenomena*, **2011**, 183, 65-70	0.4	8
76	Stainless Steel/Yttria Stabilized Zirconia Composite Supported Solid Oxide Fuel Cell. *Journal of Fuel Cell Science and Technology*, **2011**, 8,		8
75	Assesment of (Mn,Co)33O4powders for possible coating material for SOFC/SOEC interconnects. *IOP Conference Series: Materials Science and Engineering*, **2016**, 104, 012017	0.4	8
74	Spray pyrolysis of doped-ceria barrier layers for solid oxide fuel cells. *Surface and Coatings Technology*, **2017**, 313, 168-176	4.4	7
73	Determination of the ionic conductivity of Sr-doped lanthanum manganite by modified Hebb□Wagner technique. *Journal of Physics and Chemistry of Solids*, **2016**, 91, 163-169	3.9	7
72	Characteristics of La0.8Sr0.2Ga0.8Mg0.2O3−δ-supported micro-tubular solid oxide fuel cells with bi-layer and tri-layer electrolytes. *Journal of the Ceramic Society of Japan*, **2017**, 125, 236-241	1	7
71	Lisicon solid electrolyte electrocatalytic gas sensor. *Journal of the European Ceramic Society*, **2005**, 25, 2969-2972	6	7
70	In-situ odd random phase electrochemical impedance spectroscopy study on the electropolymerization of pyrrole on iron in the presence of sodium salicylate □The influence of the monomer concentration. *Electrochimica Acta*, **2018**, 290, 520-532	6.7	7
69	Single Chamber Solid Oxide Fuel Cell □Investigation of Cathodes293-298		7
68	Impedance spectroscopy of BaTiO3 cubes suspended in lossy liquids as a physical model of two-phase system. *Journal of Applied Physics*, **2010**, 108, 074111	2.5	6
67	Investigation of sensing mechanism of Nasicon electrocatalytic sensors in nitrogen dioxide and ammonia. *Sensors and Actuators B: Chemical*, **2013**, 189, 141-145	8.5	5
66	Effective dielectric constant of two phase systems: Application to mixed conducting systems. *Journal of Applied Physics*, **2012**, 112, 034107	2.5	5
65	The microstructure effect on the electrical and optical properties of undoped and Sr-doped SmCoO3 thin films. *Solid State Ionics*, **2004**, 175, 437-439	3.3	5
64	The Optical Properties and Band Gap Energy of Nanocrystalline La0.4Sr0.6TiO3 Thin Films. *Journal of the American Ceramic Society*, **2005**, 88, 1186-1189	3.8	5
63	Low temperature deposition of dense MnCo2O4 protective coatings for steel interconnects of solid oxide cells. *Journal of the European Ceramic Society*, **2018**, 38, 4576-4579	6	5

62	Design and characterization of apatite La9.8Si5.7Mg0.3O26□□based micro-tubular solid oxide fuel cells. *Journal of Power Sources*, **2020**, 460, 228072	8.9	4
61	Structural and electrical properties of titanium-doped yttrium niobate. *Journal of Alloys and Compounds*, **2018**, 767, 1186-1195	5.7	4
60	Evaluation of the Electronic Nose Used for Monitoring Environmental Pollution **2018**,		4
59	Solid electrolyte gas sensors based on cyclic voltammetry with one active electrode. *IOP Conference Series: Materials Science and Engineering*, **2011**, 18, 212007	0.4	4
58	Thick film sensor based on NASICON for gas mixture detection. *Ionics*, **1999**, 5, 64-69	2.7	4
57	Processing of Ce0.8Gd0.2O2-□barrier layers for solid oxide cells: The effect of preparation method and thickness on the interdiffusion and electrochemical performance. *Journal of the European Ceramic Society*, **2020**, 40, 5626-5633	6	4
56	Manganese-Cobalt Based Spinel Coatings Processed by Electrophoretic Deposition Method: The Influence of Sintering on Degradation Issues of Solid Oxide Cell Oxygen Electrodes at 750 °C. *Materials*, **2021**, 14,	3.5	4
55	The Influence of Iron Doping on Performance of SrTi1-XFexO3-□Perovskite Oxygen Electrode for SOFC. *ECS Transactions*, **2019**, 91, 1299-1307	1	3
54	Evaluation of Praseodymium and Gadolinium Doped Ceria as a Possible Barrier Layer Material for Solid Oxide Cells. *ECS Transactions*, **2019**, 91, 1165-1172	1	3
53	Effect of sintering temperature on electrochemical performance of porous SrTi1-xFexO3-□ (x = 0.35, 0.5, 0.7) oxygen electrodes for solid oxide cells. *Journal of Solid State Electrochemistry*, **2020**, 24, 873-882	2.6	3
52	Preparation and characterisation of iron substituted Mn1.7Cu1.3-xFexO4 spinel oxides (x = 0, 0.1, 0.3, 0.5). *Journal of the European Ceramic Society*, **2020**, 40, 5920-5929	6	3
51	Characteristics of La0.8Sr0.2Ga0.8Mg0.2O3-□supported micro-tubular solid oxide fuel cells with LaCo0.4Ni0.6-xCuxO3-□cathodes. *International Journal of Hydrogen Energy*, **2018**, 43, 5703-5713	6.7	3
50	Effects of Na+, K+ and B3+ Substitutions on the Electrical Properties of La10Si6O27 Ceramics. *Journal of Electronic Materials*, **2019**, 48, 6287-6297	1.9	3
49	Influence of the electrosynthesis conditions on the spontaneous release of anti-inflammatory salicylate during degradation of polypyrrole coated iron for biodegradable cardiovascular stent. *Electrochimica Acta*, **2019**, 320, 134612	6.7	3
48	Deposition and Electrical and Structural Properties of La0.6Sr0.4CoO3 Thin Films for Application in High-Temperature Electrochemical Cells. *Journal of Electronic Materials*, **2019**, 48, 5428-5441	1.9	3
47	Determination of toxic gases based on the responses of a single electrocatalytic sensor and pattern recognition techniques. *Measurement Science and Technology*, **2014**, 25, 025101	2	3
46	Synthesis and Testing of BCZY/LNZ Mixed Proton□Electron Conducting Composites for Fuel Cell Applications. *Procedia Engineering*, **2014**, 98, 121-128		3
45	An electronic nose based on the semiconducting and electrochemical gas sensors **2017**,		3

44	Effective dielectric constant of two phase dielectric systems. *Journal of Electroceramics*, **2012**, 28, 185-190	1.5	3
43	Computer simulation of current voltage response of electrocatalytic sensor **2003**,		3
42	The influence of the choice of the cross-linking agent on the electrical properties of polyethyleneimine-based humidity sensors **2003**, 5124, 138		3
41	Electrocatalytic nitrogen dioxide sensor **2004**,		3
40	Improvement of Oxygen Electrode Performance of Intermediate Temperature Solid Oxide Cells by Spray Pyrolysis Deposited Active Layers. *Advanced Materials Interfaces*, **2021**, 8, 2002227	4.6	3
39	Corrosion Study of Ceria Protective Layer Deposited by Spray Pyrolysis on Steel Interconnects. *Ceramic Engineering and Science Proceedings*, **2017**, 79-86	0.1	2
38	The Influence of the Electrodeposition Parameters on the Properties of Mn-Co-Based Nanofilms as Anode Materials for Alkaline Electrolysers. *Materials*, **2020**, 13,	3.5	2
37	Study of oxygen electrode reactions on symmetrical porous SrTi0.30Fe0.70O3-□electrodes on Ce0.8Gd0.2O1.9 electrolyte at 800 °C□500 °C. *Electrochimica Acta*, **2020**, 346, 136285	6.7	2
36	Distribution of relaxation times as a method of separation and identification of complex processes measured by impedance spectroscopy **2017**,		2
35	Graphene oxide, reduced graphene oxide and composite thin films NO2 sensing properties **2016**,		2
34	3D polypyrrole structures as a sensing material for glucose detection **2016**,		2
33	Characterization of CaTi0.9Fe0.1O3/La0.98Mg0.02NbO4 composite. *Open Physics*, **2013**, 11,	1.3	2
32	Recurrent potential pulse technique for improvement of glucose sensing ability of 3D polypyrrole. *Measurement Science and Technology*, **2017**, 28, 074004	2	2
31	Interaction of SrTi0.65Fe0.35O3-□with LaNi0.6Fe0.4O3-□La0.6Sr0.4Co0.2Fe0.8O3-□and Ce0.8Gd0.2O2-□*Procedia Engineering*, **2014**, 98, 101-104		2
30	Preparation and properties of nanoporous alumina-based humidity sensors **2006**, 6348, 58		2
29	Chemical Interaction between Perovskite La0.6Sr0.4FeO3and Super-Ionic Zr0.84Y0.16Ox. *Acta Physica Polonica A*, **2008**, 114, 135-141	0.6	2
28	Exsolution of Ni nanoparticles on the surface of cerium and nickel co-doped lanthanum strontium titanate as a new anodic layer for DIR-SOFC. Anti-coking potential and H2S poisoning resistance of the prepared material **2020**, 45, 29186-29186		2
27	Preparation of Hydrogen Electrodes of Solid Oxide Cells by Infiltration: Effects of the Preparation Procedure on the Resulting Microstructure. *Materials*, **2019**, 13,	3.5	2

26	Evaluation of the Commercial Electrochemical Gas Sensors for the Monitoring of CO in Ambient Air **2018**,		2
25	High-performance NdSrCo2O5+δ-Ce0.8Gd0.2O2-δ composite cathodes for electrolyte-supported microtubular solid oxide fuel cells. *International Journal of Hydrogen Energy*, **2021**, 46, 31778-31787	6.7	2
24	Electrical Conductivity of Nanocrystalline Sm-Doped Ceo2 Thin Film323-328		2
23	Effects of La content on the densification, microstructure, and conductivity of doped La10-xGe6O26-δ electrolytes. *International Journal of Applied Ceramic Technology*, **2017**, 14, 84-93	2	1
22	The influence of synthesis method on the microstructure and catalytic performance of Y0.07Sr0.93Ti0.8Fe0.2O3-δ in synthetic biogas operated solid oxide fuel cells. *Materials Research Bulletin*, **2018**, 100, 49-55	5.1	1
21	Time window based features extraction from temperature modulated gas sensors for prediction of ammonia concentration **2017**,		1
20	Staircase Voltammetry Application to Electrocatalytic Gas Sensor. *Procedia Engineering*, **2012**, 47, 1422-1425		1
19	Investigation of Sensing Mechanism of Nasicon Electrocatalytic Sensors in Nitrogen Dioxide and Ammonia. *Procedia Engineering*, **2012**, 47, 1418-1421		1
18	Application of wet powder spraying for anode supported solid oxide fuel cell with a perovskite SrTi0.98Nb0.02O3-δ anode. *Physica Status Solidi (A) Applications and Materials Science*, **2013**, 210, 2736-2741	1.6	1
17	Metal Supported Solid Oxide Fuel Cells - Selected Aspects. *IOP Conference Series: Materials Science and Engineering*, **2011**, 18, 132004	0.4	1
16	FABRICATION AND CHARACTERIZATION OF ANODE SUPPORTED SOLID OXIDE FUEL CELLS. *Functional Materials Letters*, **2011**, 04, 161-164	1.2	1
15	Investigations of a new humidity sensor with polymer film **2006**,		1
14	A dual-control strategy based on electrode material and electrolyte optimization to construct an asymmetric supercapacitor with high energy density.. *Nanotechnology*, **2022**,	3.4	1
13	High Temperature Corrosion Evaluation of Porous Hastelloy X Alloy in Air and Humidified Hydrogen Atmospheres. *Journal of the Electrochemical Society*, **2016**, 163, C296-C302	3.9	1
12	In-situ and ex-situ resistance measurements of polypyrrole film using double-band electrode. *IOP Conference Series: Materials Science and Engineering*, **2016**, 104, 012026	0.4	1
11	The effect of Fe on chemical stability and oxygen evolution performance of high surface area SrTix-1FexO3-δ mixed ionic-electronic conductors in alkaline media. *International Journal of Hydrogen Energy*, **2021**, 46, 28575-28590	6.7	1
10	Influence of yttria surface modification on high temperature corrosion of porous Ni22Cr alloy. *International Journal of Applied Ceramic Technology*, **2018**, 15, 361-369	2	0
9	High-performance anode-supported solid oxide fuel cells with co-fired Sm0.2Ce0.8O2-δ/La0.8Sr0.2Ga0.8Mg0.2O3-δ/Sm0.2Ce0.8O2-δ sandwiched electrolyte. *International Journal of Hydrogen Energy*, **2022**, 47, 5429-5438	6.7	0

8	The Effect of Cobalt Incorporation into Nickel–Iron Oxide/(oxy)hydroxide Catalyst on Electrocatalytic Performance Toward Oxygen Evolution Reaction. *Energy Technology*, **2021**, 9, 2100688	3.5	0
7	The influence of thermal treatment on electrocatalytic properties of Mn-Co nanofilms on nickel foam toward oxygen evolution reaction activity. *Materials Letters*, **2020**, 258, 126759	3.3	0
6	The Influence of the Co-Dopant Dexamethasone Phosphate on the Electrodeposition Process and Drug-Release Properties of Polypyrrole-Salicylate on Iron. *Journal of the Electrochemical Society*, **2019**, 166, G148-G155	3.9	
5	Effect of Cathode Materials on the Performance of Single Chamber Solid Oxide Fuel Cells and Module. *Ceramic Transactions*, **2012**, 39-47	0.1	
4	Effects of Ca2+, Mg2+, Na+, and K+ substitutions on the microstructure and electrical properties of GdCoO3 ceramics. *Journal of Electroceramics*, **2020**, 45, 75-83	1.5	
3	A Novel Technology of Solid Oxide Fuel Cell Fabrication **2007**, 61-84		
2	The Optical and Elecrtical Properties of Nanocrystalline La0.4Sr0.6TiO3 Thin Films. *Ceramic Transactions*,67-75	0.1	
1	14th International Conference on Optical and Electronic Sensors COE 2016. *Measurement Science and Technology*, **2018**, 29, 010101	2	