

Pingying Zeng

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

787
citations

759233

12
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

702
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of oxygen transport membrane reactors for oxy-fuel combustion and carbon capture purposes. Proceedings of the Combustion Institute, 2017, 36, 3969-3976.	3.9	22
2	Flame-assisted fuel cells running methane. International Journal of Hydrogen Energy, 2015, 40, 4659-4665.	7.1	38
3	A Ceramic-Membrane-Based Methane Combustion Reactor With Tailored Function of Simultaneous Separation of Carbon Dioxide From Nitrogen. , 2014, , .		0
4	A Ceramic-Membrane-Based Methane Combustion Reactor With Tailored Function of Simultaneous Separation of Carbon Dioxide From Nitrogen. , 2014, , .		0
5	A self-sustaining thermal transpiration gas pump and SOFC power generation system. Proceedings of the Combustion Institute, 2013, 34, 3327-3334.	3.9	12
6	Thermal Transpiration Based Pumping and Power Generation Devices. Journal of Thermal Science and Technology, 2013, 8, 370-379.	1.1	13
7	Performance Investigation of YSZ-SDC Solid Oxide Fuel Cells. , 2012, , .		2
8	Evaluation of methane-based flame fuel cell using anode supported solid oxide fuel cells. , 2011, , .		0
9	Methane-Based Flame Fuel Cell Using Anode Supported Solid Oxide Fuel Cells. , 2011, , .		1
10	Non-Propulsive Miniature Power Device Based on SOFC and Combustion-Driven Thermal Transpiration Pump. , 2011, , .		0
11	Methane-Based Flame Fuel Cell Using Anode Supported Solid Oxide Fuel Cells. , 2011, , .		0
12	High performance direct flame fuel cell using a propane flame. Proceedings of the Combustion Institute, 2011, 33, 3431-3437.	3.9	51
13	Effects of scandium doping concentration on the properties of strontium cobalt oxide membranes. Brazilian Journal of Chemical Engineering, 2009, 26, 563-574.	1.3	8
14	Influence of M cations on structural, thermal and electrical properties of new oxygen selective membranes based on SrCo _{0.95} M _{0.05} O _{3-δ} perovskite. Separation and Purification Technology, 2009, 67, 304-311.	7.9	64
15	Efficient stabilization of cubic perovskite SrCo _{0.95} Sc _{0.05} O _{3-δ} by B-site low concentration scandium doping combined with sol-gel synthesis. Journal of Alloys and Compounds, 2008, 455, 465-470.	5.5	132
16	Novel mixed conducting SrSc _{0.05} Co _{0.95} O _{3-δ} ceramic membrane for oxygen separation. AIChE Journal, 2007, 53, 3116-3124.	3.6	64
17	A dense oxygen separation membrane with a layered morphologic structure. Journal of Membrane Science, 2007, 300, 182-190.	8.2	34
18	High performance electrode for electrochemical oxygen generator cell based on solid electrolyte ion transport membrane. Electrochimica Acta, 2007, 52, 6297-6303.	5.2	34

#	ARTICLE	IF	CITATIONS
19	Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ δ +LaCoO ₃ composite cathode for Sm _{0.2} Ce _{0.8} O _{1.9} -electrolyte based intermediate-temperature solid-oxide fuel cells. Journal of Power Sources, 2007, 168, 330-337.	7.8	86
20	Re-evaluation of Ba _{0.5} Sr _{0.5} Co _{0.8} Fe _{0.2} O ₃ δ perovskite as oxygen semi-permeable membrane. Journal of Membrane Science, 2007, 291, 148-156.	8.2	226