

Lori Nalbandian

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

981
citations

759233

12
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839539

18
g-index

19
all docs

19
docs citations

19
times ranked

906
citing authors

#	ARTICLE	IF	CITATIONS
1	Solar water splitting for hydrogen production with monolithic reactors. <i>Solar Energy</i> , 2005, 79, 409-421.	6.1	242
2	Solar Hydrogen Production by a Two-Step Cycle Based on Mixed Iron Oxides. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2006, 128, 125-133.	1.8	140
3	$\text{La}_{1-x}\text{Sr}_x\text{MyFe}_y\text{O}_{3-\delta}$ perovskites as oxygen-carrier materials for chemical-looping reforming. <i>International Journal of Hydrogen Energy</i> , 2011, 36, 6657-6670.	7.1	140
4	$\text{La}_{1-x}\text{Sr}_x\text{FeO}_3$ perovskites as redox materials for application in a membrane reactor for simultaneous production of pure hydrogen and synthesis gas. <i>Fuel</i> , 2010, 89, 1265-1273.	6.4	112
5	$\text{La}_{1-x}\text{Sr}_x\text{MO}_3$ (M = Mn, Fe) perovskites as materials for thermochemical hydrogen production in conventional and membrane reactors. <i>International Journal of Hydrogen Energy</i> , 2009, 34, 7162-7172.	7.1	73
6	Ferrites as redox catalysts for chemical looping processes. <i>Fuel</i> , 2016, 165, 367-378.	6.4	68
7	$\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ perovskites as redox materials for the production of high purity hydrogen. <i>International Journal of Hydrogen Energy</i> , 2008, 33, 5554-5562.	7.1	57
8	Perovskite membrane reactor for continuous and isothermal redox hydrogen production from the dissociation of water. <i>Journal of Membrane Science</i> , 2008, 325, 704-711.	8.2	50
9	Ceramic membrane materials and process for the removal of As(III)/As(V) ions from water. <i>Journal of Water Process Engineering</i> , 2015, 5, 42-47.	5.6	21
10	Studies on the redox reaction kinetics of selected, naturally occurring oxygen carrier. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 137-150.	3.6	20
11	Pd-Au Electrocatalysts for Hydrogen Evolution Reaction at Neutral pH. <i>International Journal of Electrochemistry</i> , 2014, 2014, 1-6.	2.4	18
12	Ni-ferrite with structural stability for solar thermochemical H ₂ O/CO ₂ splitting. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 26231-26242.	7.1	17
13	Assessment of $(\text{La}_{1-x}\text{Sr}_x)\text{MnO}_3$ perovskites as oxygen-carrier materials in chemical-looping processes. <i>Fuel Processing Technology</i> , 2022, 226, 107086.	7.2	9
14	Perovskites as oxygen carriers in chemical looping reforming process – Preparation of dense perovskite membranes and ionic conductivity measurement. <i>Materials Today: Proceedings</i> , 2018, 5, 27543-27552.	1.8	5
15	Ferrites as RedOx Catalysts for Chemical Looping and Thermochemical Water Splitting Processes. <i>Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2014, 61, S173-S175.	0.2	3
16	Novel $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ perovskite materials for chemical looping combustion applications. <i>International Journal of Energy Research</i> , 2022, 46, 20386-20400.	4.5	2
17	Industrial waste materials and naturally occurring minerals as inexpensive oxygen carriers for chemical looping combustion. <i>International Journal of Global Warming</i> , 2017, 13, 353.	0.5	1