

Richard J Carrillo

List of Publications by Year in descending order

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7
papers

221
citations

1478505

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1720034

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g-index

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docs citations

7
times ranked

198
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved Performance and Efficiency of Lanthanum–Strontium–Manganese Perovskites Undergoing Isothermal Redox Cycling under Controlled pH ₂ O/pH ₂ . <i>Energy & Fuels</i> , 2020, 34, 16918-16926.	5.1	10
2	Facile CO ₂ separation and subsequent H ₂ production via chemical-looping combustion over ceria–zirconia solid solutions. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 8545-8556.	2.8	3
3	Oxygen Nonstoichiometry and Defect Equilibria of Yttrium Manganite Perovskites with Strontium A-Site and Aluminum B-Site Doping. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4448-4458.	3.1	7
4	Solar Reactor Demonstration of Efficient and Selective Syngas Production via Chemical Looping Dry Reforming of Methane over Ceria. <i>Energy Technology</i> , 2020, 8, 2000053.	3.8	28
5	Beyond Ceria: Theoretical Investigation of Isothermal and Near-Isothermal Redox Cycling of Perovskites for Solar Thermochemical Fuel Production. <i>Energy & Fuels</i> , 2019, 33, 12871-12884.	5.1	32
6	Experimental Framework for Evaluation of the Thermodynamic and Kinetic Parameters of Metal-Oxides for Solar Thermochemical Fuel Production. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2019, 141, .	1.8	11
7	Advances and trends in redox materials for solar thermochemical fuel production. <i>Solar Energy</i> , 2017, 156, 3-20.	6.1	130