

Peter T Krenzke

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

314
citations

1478505

6
h-index

1588992

8
g-index

9
all docs

9
docs citations

9
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic Analysis of Syngas Production via the Solar Thermochemical Cerium Oxide Redox Cycle with Methane-Driven Reduction. <i>Energy & Fuels</i> , 2014, 28, 4088-4095.	5.1	68
2	On the Efficiency of Solar H ₂ and CO Production via the Thermochemical Cerium Oxide Redox Cycle: The Option of Inert-Swept Reduction. <i>Energy & Fuels</i> , 2015, 29, 1045-1054.	5.1	64
3	Solar fuels via chemical-looping reforming. <i>Solar Energy</i> , 2017, 156, 48-72.	6.1	58
4	Design of a Solar Reactor to Split CO ₂ Via Isothermal Redox Cycling of Ceria. <i>Journal of Solar Energy Engineering, Transactions of the ASME</i> , 2015, 137, .	1.8	52
5	Synthesis gas production via the solar partial oxidation of methane-ceria redox cycle: Conversion, selectivity, and efficiency. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 12799-12811.	7.1	38
6	Applicability of an Equilibrium Model To Predict the Conversion of CO ₂ to CO via the Reduction and Oxidation of a Fixed Bed of Cerium Dioxide. <i>Energy & Fuels</i> , 2015, 29, 8168-8177.	5.1	29
7	Solar thermal decoupled water electrolysis process III: The anodic electrochemical reaction in a rotating disc electrode cell. <i>Chemical Engineering Science</i> , 2020, 227, 115885.	3.8	3
8	Rebuttal to "Theoretical and Experimental Investigation of Solar Methane Reforming through the Nonstoichiometric Ceria Redox Cycle". <i>Energy Technology</i> , 2017, 5, 2150-2152.	3.8	2
9	Thermodynamic Analysis of the Ceria Redox Cycle With Methane-Driven Reduction for Solar Fuel Production. , 2014, , .		0