Peter T Krenzke

List of Publications by Year
in descending order

9	314	1478505 6	1588992 8
papers	citations	h-index	g-index

9	9	9	276
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Solar thermal decoupled water electrolysis process III: The anodic electrochemical reaction in a rotating disc electrode cell. Chemical Engineering Science, 2020, 227, 115885.	3.8	3
2	Solar fuels via chemical-looping reforming. Solar Energy, 2017, 156, 48-72.	6.1	58
3	Rebuttal to â€œTheoretical and Experimental Investigation of Solar Methane Reforming through the Nonstoichiometric Ceria Redox Cycleâ€. Energy Technology, 2017, 5, 2150-2152.	3.8	2
4	Synthesis gas production via the solar partial oxidation of methane-ceria redox cycle: Conversion, selectivity, and efficiency. International Journal of Hydrogen Energy, 2016, 41, 12799-12811.	7.1	38
5	Design of a Solar Reactor to Split CO2 Via Isothermal Redox Cycling of Ceria. Journal of Solar Energy Engineering, Transactions of the ASME, 2015, 137, .	1.8	52
6	On the Efficiency of Solar H₂ and CO Production via the Thermochemical Cerium Oxide Redox Cycle: The Option of Inert-Swept Reduction. Energy & Fuels, 2015, 29, 1045-1054.	5.1	64
7	Applicability of an Equilibrium Model To Predict the Conversion of CO₂ to CO via the Reduction and Oxidation of a Fixed Bed of Cerium Dioxide. Energy & Fuels, 2015, 29, 8168-8177.	5.1	29
8	Thermodynamic Analysis of the Ceria Redox Cycle With Methane-Driven Reduction for Solar Fuel Production. , 2014, , .		0
9	Thermodynamic Analysis of Syngas Production via the Solar Thermochemical Cerium Oxide Redox Cycle with Methane-Driven Reduction. Energy & Fuels, 2014, 28, 4088-4095.	5.1	68