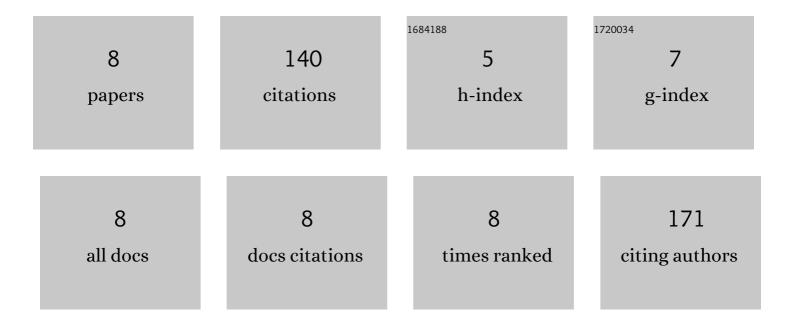
## Garrett L Schieber

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6088230/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Experimental demonstration of a 5ÂkWth granular-flow reactor for solar thermochemical energy storage with aluminum-doped calcium manganite particles. Applied Thermal Engineering, 2020, 173, 115257.	6.0	46
2	Design and demonstration of a prototype 1.5 kWth hybrid solar/autothermal steam gasifier. Fuel, 2018, 211, 331-340.	6.4	35
3	Solar electricity via an Air Brayton cycle with an integrated two-step thermochemical cycle for heat storage based on Co3O4/CoO redox reactions III: Solar thermochemical reactor design and modeling. Solar Energy, 2017, 150, 584-595.	6.1	28
4	H2O splitting via a two-step solar thermoelectrolytic cycle based on non-stoichiometric ceria redox reactions: Thermodynamic analysis. International Journal of Hydrogen Energy, 2017, 42, 18785-18793.	7.1	15
5	Advection diffusion model for gas transport within a packed bed of JSC-1A regolith simulant. Acta Astronautica, 2020, 169, 32-39.	3.2	8
6	Characterization of H2O transport through Johnson Space Center number 1A lunar regolith simulant at low pressure for <i>in-situ</i> resource utilization. Physics of Fluids, 2021, 33, .	4.0	4
7	Indirect solar receiver development for the thermal extraction of H2O(v) from lunar regolith: Heat and mass transfer modeling. Acta Astronautica, 2022, 190, 365-376.	3.2	4
8	Steam gasification of carbonaceous feedstocks via a 1.5 kWth hybrid solar/autothermal reactor. AIP Conference Proceedings, 2019, , .	0.4	0