

# Anastasiia Karabanova

## List of Publications by Year in descending order

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6  
papers

36  
citations

1937685

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1872680

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g-index

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docs citations

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times ranked

30  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sr(NH <sub>3</sub> ) <sub>8</sub> Cl <sub>2</sub> -Expanded Natural Graphite composite for thermochemical heat storage applications studied by in-situ neutron imaging. Journal of Energy Storage, 2021, 34, 102176.	8.1	10
2	Intrinsic kinetics in local modelling of thermochemical heat storage systems. Applied Thermal Engineering, 2021, 192, 116880.	6.0	6
3	Small-Angle Neutron Scattering Characterization of SrCl <sub>2</sub> -ENG Composites for Thermochemical Heat Storage. ACS Applied Materials & Interfaces, 2021, 13, 34213-34226.	8.0	3
4	Neutron radiography for local modelling of thermochemical heat storage reactors: Case study on SrCl <sub>2</sub> -NH <sub>3</sub> . International Journal of Heat and Mass Transfer, 2021, 178, 121287.	4.8	4
5	Synthesis, Structure and NH <sub>3</sub> Sorption Properties of Mixed Mg <sub>1-x</sub> Mn <sub>x</sub> (NH <sub>3</sub> ) <sub>6</sub> Cl <sub>2</sub> Ammines. Energies, 2020, 13, 2746.	3.1	3
6	In-situ neutron imaging study of NH <sub>3</sub> absorption and desorption in SrCl <sub>2</sub> within a heat storage prototype reactor. Journal of Energy Storage, 2020, 29, 101388.	8.1	10