

# Anna Powers

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10904121/publications.pdf>

Version: 2024-02-01

5  
papers

101  
citations

1684188

5  
h-index

2053705

5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

100  
citing authors

#	ARTICLE	IF	CITATIONS
1	Competing quantum effects in the free energy profiles and diffusion rates of hydrogen and deuterium molecules through clathrate hydrates. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 32169-32177.	2.8	31
2	Experimental inelastic neutron scattering spectrum of hydrogen hexagonal clathrate-hydrate compared with rigorous quantum simulations. <i>Journal of Chemical Physics</i> , 2013, 139, 164507.	3.0	20
3	Impact of the Condensed-Phase Environment on the Translation–Rotation Eigenstates and Spectra of a Hydrogen Molecule in Clathrate Hydrates. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 308-313.	4.6	18
4	The HD molecule in small and medium cages of clathrate hydrates: Quantum dynamics studied by neutron scattering measurements and computation. <i>Journal of Chemical Physics</i> , 2014, 141, 134501.	3.0	16
5	The effect of the condensed-phase environment on the vibrational frequency shift of a hydrogen molecule inside clathrate hydrates. <i>Journal of Chemical Physics</i> , 2018, 148, 144304.	3.0	16