

# Theresa Davey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436467/publications.pdf>

Version: 2024-02-01

7  
papers

116  
citations

1937685

4  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

184  
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved method of calculating <i>ab initio</i> high-temperature thermodynamic properties with application to ZrC. <i>Physical Review B</i> , 2015, 91, .	3.2	86
2	First-principles-only CALPHAD phase diagram of the solid aluminium-nickel (Al-Ni) system. <i>Calphad: Computer Coupling of Phase Diagrams and Thermochemistry</i> , 2020, 71, 102008.	1.6	10
3	Stability and structural properties of vacancy-ordered and -disordered ZrC <sub>x</sub> . <i>RSC Advances</i> , 2021, 11, 32573-32589.	3.6	6
4	The effect of oxygen impurities on the stability and structural properties of vacancy-ordered and -disordered ZrC <sub>x</sub> . <i>RSC Advances</i> , 2022, 12, 3198-3215.	3.6	5
5	Influence and Sensitivity of Temperature and Microstructure on the Fluctuation of Creep Properties in Ni-Base Superalloy. <i>Materials</i> , 2020, 13, 4758.	2.9	4
6	Vacancy ordering in substoichiometric zirconium carbide: A review. <i>International Journal of Ceramic Engineering &amp; Science</i> , 2022, 4, 134-157.	1.2	4
7	Individual-Centred Approaches to Accessibility in STEM Education. <i>Education Sciences</i> , 2021, 11, 652.	2.6	1